Secondary Packaging Supply Chain Standards - Update Summary

These standards have included multiple clarifications of what is required and what is NOT ALLOWED. These changes have been updated throughout the published standards to provide clarity to Suppliers. The pages have been reorganized to provide a better flow.

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Contact Information

Walmart Supply Chain
Accounts Payable - Stores
479-273-4089
Accounts Payable - eCommerce
888-499-6377
ASN Requirements
479-273-8888
Carrier Relations
479-273-6554
EDI Help Desk
479-273-8888
Hazardous Materials Transportation
hazmat@wal-mart.com
General Supplier Information
Walmart Buyer
Item File Compliance (WERCS Support)
wmscoitem@walmart.com
Walmart Retail Link Help Desk
479-273-8888
DSDC
dsdcsup@wal-mart.com
Walmart Transportation
https://wal-marttransportation.na1.teamsupport.com
Walmart Collect Transportation
Sams Club: 479-360-4169
Consolidation: 479-360-3203
Truckload Direct and Supplier Education: 479-371-0661
Traffic Analyst
479-277-9560

GS1 (Global Barcode Standards)
www.gs1us.org
GS1 Bill of Lading Guidelines
www.gs1us.org/industries/apparel-general-merchandise/workgroups/logistics
Direct Ship Vendor (DSV) Support
https://Supplierhelp.walmart.com/s/
Healthcare Distribution Alliance (HDA Guidelines for barcoding pharmaceutical)
www.hda.org/resources/hda-guidelines-for-bar-coding-in-the-pharmaceutical-supply-chain
FDA DSCSA (Drug Supply Chain Security Act)
www.fda.gov/drugs/drug-supply-chain-integrity/drug-supply-chain-security-act-dscsa
IATA and DOT – Pipeline and Hazardous Materials
Safety Administration PHMSA eCFR website:
www.ecfr.gov/cgi-bin
Walmart Stores Packaging and Labeling
WMBarcodeLabeling@walmart.com
Walmart Stores Inbound Quality Managers
SQEP Contact Information Updates
sqep_email@walmart.com
Package Testing
ISTATesting@wal-mart.com

Walmart.com
DSV questions | Orange S2S Labels
https://Supplierhelp.walmart.com/s/contact
Returns Drivers
RETURNSM23@walmart.com
Walmart.com Labeling
labeling@walmart.com
Vendor Compliance Charge-backs
vcompliance@walmart.com or
https://portal.teamsupport.com/GECTransportation
Package Testing
ISTATesting@wal-mart.com

Walmart Canada Inbound Compliance
Walmart Canada Packaging and Labeling
CAIBC@email.wal-mart.com

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Walmart Retail Link Resources

**Purpose of this Manual**
This manual provides general case quality and case marking requirements for shipping domestic freight into Walmart Distribution Centers. While every effort has been made to provide a clear understanding of our shipping requirements, no single resource is capable of identifying every possible scenario. Use the following resources (found on Walmart Retail Link) to identify other requirements for specific product or technical information not addressed in this manual.

**Walmart Secondary Packaging Standards**

**Transit Testing**

**DSD (Direct Store Delivery)**

**DSDC**

**EDI/ASN**
https://r12.wal-mart.com/edi/home/

**Perishable (ZZZZ) ASN**
Retail Link > Apps > Filter Docs “ED” > EDI-B2B > Guides > Perishable ASN

**Fine Jewelry Quality Testing Manual**

**Fine Jewelry Product Development Manual**

**Primary Packaging Tool Kits**

**Sam’s Club Packaging**

**Shipping and Routing**

**Supplier Quality Excellence Program (SQEP)**

**UPC Requirements**

**US Product Safety and Compliance**

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Walmart Distribution Center Overview

The following pages include information and specifications for Suppliers shipping domestic merchandise through the Walmart Distribution Network. It is the responsibility of the Supplier to follow these requirements to help ensure that all packaging can sustain the distribution environment from the manufacturer all the way to the store shelf.

Walmart Ambient Network

The Walmart ambient distribution network includes the shipment of all items into distribution or fulfillment centers that do not require temperature control.

Regional Distribution Centers (RDCs)
RDCs process freight in full pallet quantity, individual case quantity, and break pack quantity.

- Freight is designated as Staple Stock (held in DC inventory) or Distribution (flow through inventory).
- RDCs take advantage of automation, high speed conveyors, and sorting equipment to move freight from the inbound receiving dock to a specific outbound store trailer quickly and efficiently. This network is designed to ship individual cases via automation from multiple induction points through a central merge station and onto the shipping trailer. Some RDCs utilize a higher level of automation, including robotic handling technology.

Walmart has two basic types of RDCs.
- Batch-processing centers where stores are grouped into batches for shipping.
- Door-per-store centers where a shipping door for each store is designated.

Import Distribution Centers (IDCs)
The IDCs process mainly floor loaded general merchandise freight received in ocean containers.

- Product may be unloaded from the container using clamp equipment. It is critical that the product is packaged properly to withstand multiple instances of clamping between unloading and shipping.

- After receiving the freight, cases are placed on pallets while in storage.
- Cases are cross-docked through the RDCs for shipment to the stores.
- To maximize shipments to the RDCs, cases are removed from the storage pallet and floor loaded to the RDCs.

Fashion Distribution Centers (FDCs)
FDCs combine the latest technology with proven processes to ship both full cases and individual SKUs to the store network via cross-dock through RDCs.

Direct Store Delivery Consolidation (DSDC)
A program developed to provide an efficient channel to replenish stores in less-than-case-pack quantities.

Consolidation Network - The Walmart consolidation network allows Suppliers to ship items for multiple locations to 1 central location for distribution throughout the network. This helps lower transportation costs to empower EDLC and EDLP. There are 3 types of GM consolidation centers.

- ACC (Automated Consolidation Center) - The Walmart ACC uses advanced automation equipment to help move product to the correct distribution centers. The ACC is a high-speed facility designed to process full truckload quantity national orders. These orders are sorted and distributed to the correct Walmart DC.
- MCC (Manual Consolidation Center) - The Walmart MCC is a high-speed facility that manually sorts and distributes full truckload quantity national orders to the correct Walmart DC.

GMC (Traditional General Merchandise Consolidation) - The Walmart GMC facilities sort small orders from multiple vendors to be distributed in full truckload quantities to the RDC network.

Jewelry - The Walmart Jewelry network is designed to efficiently flow small items with high value safely and efficiently from the Supplier to Walmart US Stores.

RX - The Walmart Prescription Drug network is a highly regulated supply chain that manages the receipt and distribution of all prescription drugs to Walmart US Stores.

Optical - The Walmart Optical network services the entire country to distribute prescription eyewear to Walmart US Vision Centers, Sam’s Vision Centers, Walmart Optical Labs (including locations in Mexico), and other global locations.

Direct Store Delivery (DSD) - DSD is a method of shipment that allows Suppliers to bypass traditional Walmart Distribution Centers and deliver product directly to stores.
Walmart eCommerce Network (Walmart.com)

Walmart.com uses fulfillment centers to distribute product directly to consumers through sortable and non-sortable fulfillment centers, Walmart Fulfillment Services, and drop shipping direct to the consumer (DSV).

**Sortable FCs | Automation Eligible**
Sortable FCs process freight at individual case quantities and break pack quantities. The shipping cases accepted here are those that are eligible for automation. These facilities are referred to as “Sortable” FCs.

Automation eligible cases and packaging can be subjected to heavy compression on the rollers and belts as well as vibration, abrasion, temperature, and humidity changes during normal FC handling and processing. Automation eligible cases and packaging must be able to withstand industry standard testing. Cases must stay intact and protect the merchandise within the case.

The preferred shipping method into Sortable FCs is palletized. Approval for floor load or slip sheet (excluding parcel shipments) must be obtained through the Walmart Inbound Quality Senior Manager at logpkg@wal-mart.com

**Non-Sort FCs | Automation Ineligible**
Certain items may not be automation eligible due to large size or unusual dimensions. For example, bicycles, outdoor furniture, lawnmowers, large TVs, tires, garden tools, and long rugs. These items exceed the maximum dimensions and weight for automation and are acceptable Non-Sort items. Such items will reside in our “Non-Sort” facilities or “Non-Con” FCs.

**e-DCs**
Walmart.com will also leverage existing network capabilities and may utilize FCs co-located within our RDC (Regional Distribution Center) facilities that also support Walmart Stores. The Walmart.com e-DCs are capable of supporting both sortable and non-sortable items.

**WFS (Walmart Fulfillment Services)**
Walmart Fulfillment Services (WFS) provides customers with best-in-class fulfillment services, leveraging Walmart’s supply chain scale and world-class operations. WFS enables sellers to lower fulfillment costs, improve conversion rates, and price items more competitively, improving sales and ROI. Adherence to Walmart WFS standards solidifies the Walmart/Supplier partnership, contributing to the future success of both.

**DSV (Drop Ship Vendors)**
The Walmart DSV program allows external vendors to receive product orders from the Walmart.com website. Upon receipt of the order, the item ships directly to customers or local stores as part of the S2S (Ship to Store) program.
Walmart Distribution Center Overview

Grocery Distribution Network

**Grocery Distribution Centers (GDCs)**
GDCs process palletized dry grocery and perishables (dairy, deli, frozen, meat, and produce).

- After receiving, pallets are stored in a reserve location until needed for order fulfillment.
- Completed store pallets are stretch-wrapped and loaded onto outbound trailers.

This network is considered a conventional warehouse distribution system. Automatic Storage and Retrieval System (ASRS) technology, conveyors, and automatic depalletization/palletization technology has been incorporated into some of the newest grocery DCs. These facilities may utilize a combination of pallet conveyance/lifting, case conveyance/lifting, layer clamping, case clamping, and automated palletizing to get freight through the facility.

**Floral Consolidation Center (FCC)**
The Walmart Floral Consolidation Center plays a key role in maintaining the shelf life of fresh cut flowers into our store network. All fresh cut flowers will first ship into the FCC before flowing to other temperature controlled distribution centers. This network has been designed to get fresh cut flowers into our stores quickly and efficiently to provide customers with the freshest flowers possible.

**Fresh Solutions Center (FSC)**
The Walmart Fresh Solutions Centers (FSCs) are an important part of the cold chain environment for Walmart. The FSCs process fresh items that require cold chain compliance and handling. Fresh items are processed for further distribution into the Walmart Grocery Distribution Centers.

**Grocery Import Distribution Centers (GIDCs)**
The GIDCs process freight in a similar manner to the standard GDC network, but receive only imported grocery products. The nature of this distribution network presents unique requirements.

**GCC (Grocery Consolidation Center)**
The Walmart GCC consolidates full pallets of grocery items that require cold chain compliance and handling. Pallets are consolidated in temperature-controlled facilities and shipped on with other product to Walmart Grocery Distribution Centers.
Supplier Quality Excellence Program (SQEP)

SQEP Introduction
To serve customers right the first time, Walmart US Supply Chain (omni-channel) has launched the Supplier Quality Excellence Program (SQEP). SQEP will obtain best-in-class status through defect elimination, value-added services, and a zero-based mindset. The purpose of this program is to evaluate, measure, and monitor Suppliers’ inbound quality in order to:
- Exceed customer satisfaction.
- Improve end-to-end accuracy and visibility.
- Drive continuous improvement towards perfection.
- Implement First Time Quality (FTQ).
- Reduce operational costs.

SQEP will be applicable to all Walmart U.S. distribution networks, including eCommerce Fulfillment Centers. SQEP is going to establish end-to-end quality by pursuing Supplier compliance.

Excellence will be achieved in the receiving process by focusing on the four rights:
- Right Item
- Right Condition
- Right Invoice
- Right Time

Through SQEP, Suppliers will be required to strictly comply to Walmart Standards and drive continual improvement against identified opportunities. The Suppliers may be required to offset any additional costs against non-compliance to Walmart U.S. Supply Chain Standards for Inbound Receiving (a.k.a. Packaging Guidelines).

Important Dates
Supplier Quality Excellence Program will be rolling out as per below schedule:

| PHASE 1b | PO Accuracy | Q1 - FY22 |
| PHASE 1c | ASN | Q2 - FY22 |
| PHASE 2 | Barcodes and Labeling | Q3 - FY22 |
| PHASE 3 | Pallet, Load, Packaging Quality, and Prep (eCom) | Q4 - FY22 |
| PHASE 4 | Scheduling and Transportation | TBD |

NOTE - Details on additional phases will be published in future standards updates. For more information, visit https://wmgbs-support.custhelp.com/app/retail_link.

Phase 2 barcode and labeling must comply with all barcode and labeling standards contained within this set of standards.
Supplier Quality Excellence Program (SQEP), cont...

Phase 2 - Barcode and Labeling
Suppliers must comply with all published barcode and labeling standards within this document. The defect descriptions and definitions below provide general guidance on how defects are calculated, and these defects will be measured against the standards published within this document.

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<td>2</td>
<td>Barcode Compliance</td>
<td>Wrong format, incorrect quantity, incorrect barcode, or other barcode defects</td>
</tr>
<tr>
<td>2</td>
<td>Label Compliance</td>
<td>Incorrect quantity, missing/incorrect description, item #, or supplier stock #, or other labeling defects</td>
</tr>
<tr>
<td>2</td>
<td>Hazmat Compliance</td>
<td>Hazmat label missing/covered</td>
</tr>
</tbody>
</table>

Phase 3 - Packaging, Pallet Compliance, and Load Quality
Suppliers must comply with all published Packaging, Pallet, and Load Quality standards within this document. The defect descriptions and definitions below provide general guidance on how defects are calculated, and these defects will be measured against the standards published within this document.

<table>
<thead>
<tr>
<th>Phase</th>
<th>Defect Description</th>
<th>Defect Definition</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Packaging Compliance</td>
<td>Weak packaging/glue/tape, poor perforations, missing tray/lid, loose wrap, undersized/oversized case, selling units not secured, or other packaging defects</td>
</tr>
<tr>
<td>3</td>
<td>Pallet Labeling</td>
<td>Missing shipping label or other pallet labeling defects</td>
</tr>
<tr>
<td>3</td>
<td>Pallet Securement</td>
<td>Poor securement, bagged item, missing tray, or other pallet securement defects</td>
</tr>
<tr>
<td>3</td>
<td>Pallet Build</td>
<td>Pallet overhang, excessive height, or other pallet build defects</td>
</tr>
<tr>
<td>3</td>
<td>Pallet Quality</td>
<td>Non-compliant with Grade A standards, non-compliant size, or other pallet quality defects</td>
</tr>
<tr>
<td>3</td>
<td>Load Stability</td>
<td>Shifted, unstable, not palletized, or other load stability defects</td>
</tr>
<tr>
<td>3</td>
<td>Load Segregation</td>
<td>Segregation by PO type PO, item or other load segregation defects</td>
</tr>
</tbody>
</table>
### SQEP Supporting Standards

<table>
<thead>
<tr>
<th>FixIt Defect</th>
<th>FixIt Sub-Defect</th>
<th>Description</th>
<th>Supporting Standard Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Barcode Compliance</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Wrong Format</strong></td>
<td>Inspection and Automation: Barcodes are present on the case, but there are no barcodes with the required format.</td>
<td>General Merchandise: Page 221-223</td>
</tr>
<tr>
<td></td>
<td><strong>Barcode Not On Two Sides</strong></td>
<td>Inspection and Automation: Barcode is only on one side of the case.</td>
<td>Produce: Page 319-320</td>
</tr>
<tr>
<td></td>
<td>(Incorrect Quantity)</td>
<td><strong>Inspection</strong>: No barcodes present on the case.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>No Barcode Found</strong></td>
<td><strong>Automation</strong>: No barcodes are present on the case. The sub defect will not reflect “Missing.” The case will fail Wrong Format and Incorrect Barcode.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Missing Barcode)</td>
<td><strong>Inspection</strong>: Barcodes are present, but none match OLIF or Item 360.</td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>VNPK GTIN Does Not Match Item Setup</strong></td>
<td><strong>Automation</strong>: The correct format for the item configuration does not match OLIF or Item 360. If Wrong Format is identified, Incorrect Barcode will also be identified.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Incorrect Barcode)</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>General Case Marking</strong></td>
<td><strong>Carton Marking Not On Two Sides</strong></td>
<td>Carton markings are only on one side.</td>
<td>General Merchandise: Page 221-223</td>
</tr>
<tr>
<td><strong>Compliance (Label Compliance)</strong></td>
<td><strong>Item Description Not Found</strong></td>
<td>No item description printed on the case.</td>
<td>Produce: Page 319-320</td>
</tr>
<tr>
<td></td>
<td>(Missing Description)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Missing Required Product Date</strong></td>
<td>No product date printed on the case.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Missing Sell By Date)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Incorrect STOP Label</strong></td>
<td>STOP label does not include verbiage “Mixed Merchandise</td>
<td>Receive as Breakpack” verbiage. Case markings list item specific information including Item Number, Description, Supplier Stock Number or Barcode other than Postal Code. Shipping Label does not list Master Pack as the WM Item Number.</td>
</tr>
<tr>
<td></td>
<td>(Incorrect MasterPack Labeling)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td><strong>Missing STOP Label</strong></td>
<td>All STOP labels are missing from the case.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Missing MasterPack Labeling)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**NOTE** - Defect and Sub-Defect names have been updated. The original name is shown as (x) within the above chart.
## SQEP Supporting Standards, cont...

<table>
<thead>
<tr>
<th>FixIt Defect</th>
<th>FixIt Sub-Defect</th>
<th>Description</th>
<th>Supporting Standard Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>HAZMAT Compliance</td>
<td></td>
<td>Case is not marked with the required Hazmat Marking.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hazmat Marking Missing</td>
<td>Case is not marked with the required Hazmat Marking.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hazmat Marking Covered</td>
<td>Required Hazmat Markings are covered.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lithium-Ion Marking Missing</td>
<td>Case is not marked with the required Lithium-Ion Marking.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Lithium-Ion Marking Covered</td>
<td>Required Lithium-Ion Markings are covered.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Limited Quantity Marking Missing</td>
<td>Case is not marked with the required Limited Quantity Marking.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Limited Quantity Marking Covered</td>
<td>Required Limited Quantity Markings are covered.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>General Merchandise: Page 224-225</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Direct Import: Page 297-304</td>
<td></td>
</tr>
<tr>
<td>Packaging Compliance</td>
<td></td>
<td>Case or pallet pull not contained with a lid/cover and/or missing the required bottom tray.</td>
<td>Shrink Wrap: Page 209-210</td>
</tr>
<tr>
<td></td>
<td>Missing Bottom Tray or Lid</td>
<td>Shrink wrap does not fit tightly around the case and/or has loose ends.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Poor Perforations</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Perforation breaks open during normal handling.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Insufficient Fragile Item Packaging (Poor Packaging for Glass/Ceramic/Fragile)</td>
<td>Packaging for glass/ceramic/fragile items do not meet requirements resulting in loose/easily damaged product.</td>
<td>Fragile Product Packaging: Page 255-256</td>
</tr>
</tbody>
</table>
|               | Selling Units Not Secured        | Selling units freely move inside case/pallet pull resulting in damage. Opening on case too large to keep selling units secured. | Automation Eligible and Ineligible Cases: Packaging_Page 205-206  
Case Quality (opening on case): Page 207-208 |
|               | Loose or Metal Straps (Loose/Metal Straps or Bands) | Straps or bands are not tight on the case. Metal straps or bands are present. | Automation Eligible and Ineligible Cases: Packaging_Page 205-206  
Case Quality (opening on case): Page 207-208 |
|               | Packaging Easily Crushed (Weak Packaging) | Corrugate is easily crushed and does not withstand normal handling. | Automation Eligible and Ineligible Cases: Page 205-206  
Case Quality: Page 207-208 |
|               | Insufficient Glue or Tape (Weak/Lack of Glue/Tape) | Case flaps are not securely sealed with glue or tape.                        |                                                   |
|               | Overpacked/Bulging Case (Oversized/Undersized Case) | Contents of case results in bulging case.                                  |                                                   |
|               |                                  | Case Quality: Page 207-208                                                  |                                                   |

**NOTE** - Defect and Sub-Defect names have been updated. The original name is shown as (x) within the above chart.
## SQEP Supporting Standards, cont...

<table>
<thead>
<tr>
<th>FixIt Defect</th>
<th>FixIt Sub-Defect</th>
<th>Description</th>
<th>Supporting Standard Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pallet Labeling</td>
<td>Mixed Dates Labeling Missing/Incorrect</td>
<td>&quot;Mixed Date Pallet&quot; placard was not found on all four sides of the pallet. Wrong dates or quantities on the label.</td>
<td>Perishable Labeling Requirements: Page 324</td>
</tr>
<tr>
<td>Pallet Securement</td>
<td>Poor Securement</td>
<td>Pallets arrived intact but require additional wrap or securement to maintain stability throughout the warehouse.</td>
<td>Stretch Wrap: Page 246</td>
</tr>
<tr>
<td></td>
<td>Bagged Items Missing Pallet Barrier (Bagged Item Missing Bottom Tray)</td>
<td>Bagged item does not have the required tray, slip or tier sheet between product and pallet.</td>
<td>Unitized Shipments: Page 241</td>
</tr>
<tr>
<td>Pallet Build</td>
<td>Pallet Overhang</td>
<td>Freight exceeds the footprint of the pallet.</td>
<td>Unitized Shipments: Page 241-242</td>
</tr>
<tr>
<td></td>
<td>Exceeds Max Pallet Height (Exceeds Max Height for Trailer Type)</td>
<td>Freight exceeds maximum allowable height.</td>
<td>Double Stacking - Inbound to Walmart: Page 237 Direct Import: Page 297-304</td>
</tr>
<tr>
<td></td>
<td>Inaccurate Ti</td>
<td>Cases per layer does not match the pallet build in the item file. IDC: Consistent TI for Shipment</td>
<td>Unitized Shipments: Page 241-242 Direct Import: Page 297-304</td>
</tr>
<tr>
<td>Pallet Quality</td>
<td>Poor Quality (Fair Quality)</td>
<td>Pallet does not meet the minimum published requirements in the Walmart Supply Chain Standards.</td>
<td>Pallet Standards: Page 231-234</td>
</tr>
<tr>
<td></td>
<td>Non-Compliant Pallet Size</td>
<td>Pallet is not a standard 48X40 pallet size.</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE** - Defect and Sub-Defect names have been updated. The original name is shown as (x) within the above chart.
## SQEP Supporting Standards, cont...

<table>
<thead>
<tr>
<th>FixIt Defect</th>
<th>FixIt Sub-Defect</th>
<th>Description</th>
<th>Supporting Standard Location</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Load Stability</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Shifted or Unstable</td>
<td>Freight is leaning or has fallen over inside the trailer and requires rework before being removed from the trailer.</td>
<td><strong>Unitized Stacking:</strong> Page 239-240</td>
</tr>
<tr>
<td></td>
<td>Not Palletized</td>
<td>Staple stock freight is not palletized.</td>
<td></td>
</tr>
<tr>
<td><strong>Load Segregation</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Pallet not Separated by DA and Staple</td>
<td>DA and SS POs loaded on the same pallet.</td>
<td><strong>Item and PO Configurations:</strong> Page 230</td>
</tr>
<tr>
<td></td>
<td>Trailer not Separated by DA and Staple</td>
<td>DA and SS POs not separated on the trailer.</td>
<td><strong>Trailer Loading:</strong> Page 247</td>
</tr>
<tr>
<td></td>
<td>Same Item Not Grouped By Layer (Same Item/PO Not Grouped by Layer)</td>
<td>Items column stacked and/or mixed throughout the pallet.</td>
<td><strong>Item and PO Configurations:</strong> Page 230</td>
</tr>
<tr>
<td></td>
<td>Same Item &amp; PO On Multiple Pallets (Same Item/PO on Multiple Pallets)</td>
<td>Single pallet or less quantity item spread amongst multiple pallets.</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE** - Defect and Sub-Defect names have been updated. The original name is shown as (x) within the above chart.
Corrugated Board Specifications

To ensure packages get to either Walmart DCs or FCs and to customers in good condition, Walmart has developed the following corrugated board specifications to help maximize the product packing process and minimize damage. The corrugated box chosen must be able to withstand the entire shipping cycle and still retain its protective qualities.

**Material Testing**
Material testing is critical. Case packs must follow liner weights and box burst tests indicated in Rail Rule 41, using the table on the following pages for minimum requirements. Most large-scale corrugated manufacturers have testing capabilities, either in-house or outsourced.

**Gross Weight Limit**
This specifies the maximum weight the completely packaged box can contain. This weight limit is published and recognized by the National Motor Freight Industry and is tailored to full truckload and less than truckload carriers.

**Specifications for Corrugated Boxes**
The chart on the following pages establishes a minimum standard burst test or ECT (edge crush test), depending on the certification test method utilized by the box manufacturer.

These specifications are derived from the National Motor Freight Classification: Item 222. It is the Supplier’s responsibility to adequately test and maintain documentation that the boxes produced meet or exceed the strength test certified in BMC printed on the box.

**200# Mullen Board Grade - required**
Palletized displays must be produced with a minimum of 200# Mullen board grade.

**Caliper Specifications**
A caliper is a commonly used measurement for corrugated packaging and is a good predictor of performance.

The chart of industry-standard calipers on the following pages is to be used as a target for caliper and flute formation for the commonly used corrugated flute types: A, B, C, B/C, A/C.

This chart is not all-encompassing, as there are a variety of flute types. It is intended to focus on the most commonly used types for shipping cases and displays.

**Box Maker’s Certificate (BMC)**
A BMC is **required** to be printed on all corrugated cases. The BMC strength should be appropriate for the product weight with a minimum rating of 200 lbs. per square inch.

**Edge Crush Test (ECT)**
A corrugated board test to determine the force that will crush a standard-sized board standing on an edge. ECT indicates the probable compression strength of the container made from the board.

**Mullen (Burst) Test**
A corrugated board test to measure the pressure required to puncture a sheet of corrugated board as an indicator of its load carrying capacity under specific conditions.

---

Example (reference chart on following page):
Master Case + Contents = 57 lbs
Measures 39” + 23.6” + 18” = 80.6

1. Using column 2, the correct max loading item is 66-80 lbs.
2. The total girth of this case is 80.6 in. NOTE: This moved to the next higher column as it exceeds the max 75 in. scale.
3. The correct minimum corrugated rating is 250 psi burst strength or 40 ECT.
4. You may achieve the correct corrugated rating using a number of different flute sizes and combinations. Use the charts on the following pages to determine an acceptable combination.

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# Corrugated Board Specifications, cont...

<table>
<thead>
<tr>
<th>Max. weight of box and contents (lbs.)</th>
<th>Max. outside dimensions (length + width + depth) in inches</th>
<th>Min. combined weight of facings, including center facings of double wall and triple wall board (lbs. per 1,000 sq. ft.)</th>
<th>Min. combined weight of plies, solid fiberboard, excluding adhesives (lbs. per 1,000 sq. ft.)</th>
<th>Min. burst test, single wall or solid fiberboard (lbs. per sq. inch)</th>
<th>Min. puncture test, triple wall board (inch oz. per inch of tear)</th>
<th>Min. edge crush test (lbs. per inch width)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SINGLE WALL CORRUGATED FIBERBOARD BOXES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>75</td>
<td>84</td>
<td>200</td>
<td>32</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>85</td>
<td>111</td>
<td>250</td>
<td>40</td>
<td></td>
<td></td>
</tr>
<tr>
<td>95</td>
<td>95</td>
<td>138</td>
<td>275</td>
<td>44</td>
<td></td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>105</td>
<td>180</td>
<td>350</td>
<td>55</td>
<td></td>
<td></td>
</tr>
<tr>
<td>DOUBLE WALL CORRUGATED FIBERBOARD BOXES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>85</td>
<td>92</td>
<td>200</td>
<td>42</td>
<td></td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>95</td>
<td>110</td>
<td>275</td>
<td>48</td>
<td></td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>105</td>
<td>126</td>
<td>350</td>
<td>51</td>
<td></td>
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</tr>
<tr>
<td>140</td>
<td>110</td>
<td>180</td>
<td>400</td>
<td>61</td>
<td></td>
<td></td>
</tr>
<tr>
<td>160</td>
<td>115</td>
<td>222</td>
<td>500</td>
<td>71</td>
<td></td>
<td></td>
</tr>
<tr>
<td>180</td>
<td>120</td>
<td>270</td>
<td>600</td>
<td>82</td>
<td></td>
<td></td>
</tr>
<tr>
<td>TRIPLE WALL CORRUGATED FIBERBOARD BOXES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>240</td>
<td>110</td>
<td>168</td>
<td>700</td>
<td>67</td>
<td></td>
<td></td>
</tr>
<tr>
<td>260</td>
<td>115</td>
<td>222</td>
<td>900</td>
<td>80</td>
<td></td>
<td></td>
</tr>
<tr>
<td>280</td>
<td>120</td>
<td>264</td>
<td>1100</td>
<td>90</td>
<td></td>
<td></td>
</tr>
<tr>
<td>300</td>
<td>125</td>
<td>360</td>
<td>1300</td>
<td>112</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SOLID FIBERBOARD BOXES</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>40</td>
<td>114</td>
<td>125</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40</td>
<td>60</td>
<td>149</td>
<td>175</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>75</td>
<td>190</td>
<td>200</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>90</td>
<td>237</td>
<td>275</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>120</td>
<td>100</td>
<td>283</td>
<td>350</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Corrugated Board Specifications, cont...

### Corrugated Material Caliper Specifications in SAE and Metric (Mullen)

1. Allow .015 cm less than normal for printed areas.

2. Where not specified, medium weight is 30# per msf or 147 grams per square meter.

<table>
<thead>
<tr>
<th>Single wall board grade</th>
<th>A-flute</th>
<th>B-flute</th>
<th>C-flute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lbs.</td>
<td>Kg/cm</td>
<td>In</td>
<td>Cm</td>
</tr>
<tr>
<td>125#</td>
<td>8.8</td>
<td>.193</td>
<td>.495</td>
</tr>
<tr>
<td>150#</td>
<td>10.5</td>
<td>.195</td>
<td>.500</td>
</tr>
<tr>
<td>175#</td>
<td>12.3</td>
<td>.199</td>
<td>.510</td>
</tr>
<tr>
<td>200#</td>
<td>14.1</td>
<td>.201</td>
<td>.515</td>
</tr>
<tr>
<td>200# + 33# medium</td>
<td>14.1 + 161 GSM medium</td>
<td>.204</td>
<td>.523</td>
</tr>
<tr>
<td>200# + 36# medium</td>
<td>14.1 + 176 GSM medium</td>
<td>.206</td>
<td>.528</td>
</tr>
<tr>
<td>200# + 40# medium</td>
<td>14.1 + 195 GSM medium</td>
<td>.207</td>
<td>.531</td>
</tr>
<tr>
<td>250#</td>
<td>17.6</td>
<td>.207</td>
<td>.531</td>
</tr>
<tr>
<td>250# + 33# medium</td>
<td>17.6 + 161 GSM medium</td>
<td>.210</td>
<td>.538</td>
</tr>
<tr>
<td>250# + 36# medium</td>
<td>17.6 + 176 GSM medium</td>
<td>.212</td>
<td>.544</td>
</tr>
<tr>
<td>250# + 36# medium</td>
<td>17.6 + 195 GSM medium</td>
<td>.213</td>
<td>.546</td>
</tr>
<tr>
<td>275#</td>
<td>19.3</td>
<td>.213</td>
<td>.546</td>
</tr>
<tr>
<td>275# + 33# medium</td>
<td>19.3 + 161 GSM medium</td>
<td>.216</td>
<td>.554</td>
</tr>
<tr>
<td>275# + 36# medium</td>
<td>19.3 + 176 GSM medium</td>
<td>.218</td>
<td>.559</td>
</tr>
<tr>
<td>275# + 40# medium</td>
<td>19.3 + 195 GSM medium</td>
<td>.219</td>
<td>.562</td>
</tr>
<tr>
<td>350#</td>
<td>24.6</td>
<td>.223</td>
<td>.572</td>
</tr>
<tr>
<td>350# + 33# medium</td>
<td>24.6 + 161 GSM medium</td>
<td>.226</td>
<td>.579</td>
</tr>
<tr>
<td>350# + 36# medium</td>
<td>24.6 + 176 GSM medium</td>
<td>.228</td>
<td>.585</td>
</tr>
<tr>
<td>350# + 40# medium</td>
<td>24.6 + 195 GSM medium</td>
<td>.229</td>
<td>.587</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Double wall board grade</th>
<th>B/C-flute</th>
<th>A/C-flute</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lbs.</td>
<td>Kg/cm</td>
<td>In</td>
</tr>
<tr>
<td>200#</td>
<td>14.1</td>
<td>.258</td>
</tr>
<tr>
<td>275#</td>
<td>19.3</td>
<td>.264</td>
</tr>
<tr>
<td>350#</td>
<td>24.6</td>
<td>.274</td>
</tr>
<tr>
<td>500#</td>
<td>35.2</td>
<td>.294</td>
</tr>
<tr>
<td>600#</td>
<td>42.2</td>
<td>.308</td>
</tr>
</tbody>
</table>
Required Package Testing

Overview of Walmart Package Testing Requirements
The purpose of transit testing high damage risk products is to ensure packaging quality is sufficient to withstand the rigors of delivery to the customer. Passing transit tests will reduce damage returns and improve the customer experience.

All new and existing domestic and direct import items should be transit tested before being shipped to Walmart/Walmart’s customer.

Transit test reports are valid indefinitely if no change occurs to the packaging and return rates are below the department average.

Testing Process
Suppliers will be responsible for transit testing their items if they fall within the required categories shown on the following pages. The Supplier will submit a production sample of the item to any ISTA-certified lab for testing. Any changes to packaging or product after this will require a retest.

Like items (identical products and packages with different colors and/or finishes) require package testing on only one item. The remaining colors and/or finishes are waived.

Completed Transit Tests
Once the transit test results are complete, the supplier or global sourcing partner must submit a copy to ISTATesting@wal-mart.com.

Walmart may request a retest for items with rates above department average.

NOTE - Any exceptions to required testing must be approved by the Inbound Quality Senior Manager at: logpkg@wal-mart.com.

Large-screen TVs are required to pass a Walmart-specific TV test protocol.

Testing Collection
Once ISTA Tests are completed they need to be submitted to Walmart for record. Reference the following pages that outline in detail the BU/Department specific test collection/submission requirements.

For Departments that fall under the “Email Test Collection” process, please abide by the following:

Email Subject Line Format:
BU[HOME, ETS, HARDLINES]_DEPARTMENT[D#]_NationalORPrivate&Exclusive Brand[NAT OR PB]_SUPPLIER NAME_ IMPORTorDOMESTIC_ISTA TEST TYPE[ISTA6A,ISTA3A,ISTA3B]_DATE OF ISTA TEST COMPLETED[MMDDYY]

Examples:
- HOME_D17_PB_COMPANY NAME_ IMPORT_ISTA6A_092722
- ETS_D7_PB_COMPANY NAME_DOMESTIC_ISTA3A_110221
- HARDLINES_D9_PB_COMPANY NAME_DOMESTIC_ISTA6A_032922
**Required Package Testing, cont...**

**Walmart National Brand Testing Requirements**

CRITERIA: These requirements are applicable to national brand items that do not fit into the categories shown on the following pages.

**Requirement 1: SIOC (Items should have a “Do Not Open” label and a readable UPC on at least 1 side)**
- Any item shipped into Walmart as a 1/1 item
- Any single side of case is greater than 25" in length OR
- The second largest side of case is greater than 20" in length OR
- The smallest side of case is greater than 14" in length OR
- The case weighs more than 30 pounds OR
- Volume is greater than 3.25 cubic feet OR
- Any item defined as “collectible”

**Walmart National Brand Transit Testing – Flow Chart**

New or existing item

Submit a sample in the EXACT packaging for production to an ISTA-certified lab for testing.

Does Item classify as SIOC?

Yes

Follow ISTA 3A protocol.

Follow Food & Consumable 3A protocol.

No

Follow ISTA 3B protocol.

Follow ISTA 6A Fed-Ex protocol*.

Is the item a multi-pack of glass/ceramic bottles/jars?

Yes

End

No

Pass/Fail

Email copy of the completed test report to Walmart.

Does the item ship LTL from the Fulfillment Center?*

Yes

Follow ISTA 3B protocol.

No

Follow ISTA 6A Fed-Ex protocol*.

Completed Transit Tests

Once the transit test results are complete, the supplier or global sourcing partner must submit a copy to ISTATesting@wal-mart.com.

* Items sourced from outside of the USA are required to use the international version of this test protocol.

Walmart may request a retest for items with rates above department average.

• If any one of the following conditions are met, item will ship LTL:
  >150lbs
  >108” in longest dimension (9ft)
  >165” in length (L) + girth (2W+2H)

  *If none of the above are met, package will travel small parcel carrier.

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Required Package Testing, cont...

Package Testing Requirements for: Walmart Private and Exclusive Brands

Overview of Walmart Package Testing Requirements
The purpose of transit testing high damage risk products is to ensure packaging quality is sufficient to withstand the rigors of delivery to the customer. Passing transit tests will reduce damage returns and improve the customer experience.

All new and existing domestic and direct import items should be transit tested before being shipped to Walmart/Walmart's customer.

Transit test reports are valid indefinitely if no change occurs to the packaging and return rates are below the department average.

Testing Process
Suppliers will be responsible for transit testing their items if they fall within the required categories shown on the following pages. The Supplier will submit a production sample of the item to any ISTA-certified lab for testing. Any changes to packaging or product after this will require a retest.

Like items (identical products and packages with different colors and/or finishes) require package testing on only one item. The remaining colors and/or finishes are waived.

Completed Transit Tests
Once the transit test results are complete, the supplier or global sourcing partner must submit a copy to ISTAtesting@wal-mart.com.

Walmart may request a retest for items with rates above department average.

NOTE - Any exceptions to required testing must be approved by the Inbound Quality Senior Manager at: logpkg@wal-mart.com.

Large-screen TVs are required to pass a Walmart-specific TV test protocol.

Walmart Testing Protocol
Atmospheric Conditioning will be an added step required in all ISTA Tests completed for Walmart Private and Exclusive Brand items within General Merchandise for Direct Import items. Please see the set of Walmart instructions published. Suppliers may obtain a copy of these Walmart instructions for the required ISTA Test Protocols on Retail Link > Academy > Transportation Channels > Packaging and Labeling > Walmart Package Standards/Transit Testing.

Clamp Testing (ISTA SAMS CLUB 6A Clamp Test) will be an added step required in all tests to be completed for Walmart Private and Exclusive Brand items within General Merchandise. Please see the set of Walmart instructions published. Suppliers may obtain a copy of these Walmart instructions for the required ISTA Test Protocols on Retail Link > Academy > Transportation Channels > Packaging and Labeling > Walmart Package Standards/Transit Testing.

Testing Collection
Once ISTA Tests are completed they need to be submitted to Walmart for record. Reference the following pages that outline in detail the BU/Department specific test collection/submission requirements.

For Departments that fall under the “Email Test Collection” process, please abide by the following:

Email Subject Line Format:
BU[HOM, ETS, HARDLINES]_DEPARTMENT [D#]_NationalORPrivate&Exclusive Brand[NAT OR PB]_SUPPLIER NAME_ IMPORTforDOMESTIC_ISTA TEST TYPE [ISTA6A,ISTA3A,,ISTA3B]_DATE OF ISTA TEST COMPLETED[MMDDYYYY]

Examples:
• HOME_D17_PB_COMPANY NAME_ IMPORT_ISTA6A_092722
• ETS_D7_PB_COMPANY NAME_DOMESTIC_ISTA3A_110221
• HARDLINES_D9_PB_COMPANY NAME_DOMESTIC_ISTA6A_032922
Required Package Testing, cont...

Food Consumables, Health, and Wellness Testing Requirements: Private and Exclusive Brands

**Requirement 1: SIOC** (Items should have a “Do Not Open” label and a readable UPC on at least 1 side)

- Any item shipped into Walmart as a 1/1 item
- Any single side of case is greater than 25” in length OR
- The second largest side of case is greater than 20” in length OR
- The smallest side of case is greater than 14” in length OR
- The case weighs more than 30 pounds OR
- Volume is greater than 3.25 cubic feet OR
- Any item defined as “collectible”

Walmart Food Consumables, Health, and Wellness – Flow Chart

- New or existing item
  - Submit a sample in the EXACT packaging for production to an ISTA-certified lab for testing.
  - Does the item ship LTL from the Fulfillment Center?
    - Yes
      - Follow ISTA 3B protocol.
    - No
      - Does Item classify as SIOC?
        - Yes
          - Follow Food & Consumable 3A protocol.
        - No
          - Is the Item a multi-pack of glass/ceramic bottles/jars?
            - Yes
              - Follow ISTA 6A Fed-Ex International protocol.
            - No
              - Follow ISTA 3A protocol.

- Completed Transit Tests
  - Once the transit test results are complete, the supplier or global sourcing partner must submit a copy to ISTATesting@wal-mart.com.
  - Email copy of the completed test report to Walmart.
  - Work on packaging improvements.
  - End

- If any one of the following conditions are met, item will ship LTL:
  - >150lbs
  - >108” in longest dimension (9ft)
  - >165” in length (L) + girth (2W+2H)
  - If none of the above are met, package will travel small parcel carrier.
Required Package Testing, cont...

**GM Home: Private and Exclusive Brands**

If any of the following conditions are met, your product is considered Ships in Own Container “SIOC” and is required to ship in its own case:

- Any item shipped into Walmart as a 1/1 item
- Any single side of case is greater than 25” in length OR
- The second largest side of case is greater than 20” in length OR
- The smallest side of case is greater than 14” in length OR
- The case weighs more than 30 pounds OR
- Volume is greater than 3.25 cubic feet OR
- Any item defined as “collectible”

**NOTE - This page applies to Walmart GM Home: Private and Exclusive Brands items only.**

**NOTE - Suppliers may obtain a copy of Walmart’s instructions for the required ISTA Test Protocols on Retail Link > Academy > Transportation Channels > Packaging and Labeling > Walmart Package Standards/Transit Testing.**

**Walmart Home Private Brands Transit Testing – Flow Chart**

1. **New or existing item**
2. **Does Item classify as SIOC?**
   - YES: Follow ISTA 3B protocol.
   - NO: Follow ISTA 6A Fed-Ex International protocol.
3. **Does the item ship LTL from the Fulfillment Center?**
   - NO: Follow ISTA 3A protocol.
4. **Pass/Fail**
   - PASS: End
   - FAIL: Work on packaging improvements.

**Completed Transit Tests**

Once the transit test results are complete, the supplier or global sourcing partner must submit a copy to ISTATesting@wal-mart.com.

Walmart may request a retest for items with rates above department average.

**Items exempt from testing requirements shown below:**

- Soft Goods, including but not limited to:
  - D14: napkins, placemats, tablecloth/runner
  - D17: pillows, fabric curtains
  - D19: fabric, yarn
  - D20: towels, curtains/liners, bath rug
  - D22: sheets, blankets, pillows, bedding/quilt sets

**If any one of the following conditions are met, item will ship LTL:**

- >150 lbs
- >108” in longest dimension (9ft)
- >165” in length (L) + girth (2W+2H)

If none of the above are met, package will travel small parcel carrier.

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Required Package Testing, cont...

GM Entertainment, Toys and Seasonal (ETS): Private and Exclusive Brands

If any of the following conditions are met, your product is considered Ships in Own Container “SIOC” and is required to ship in its own case:

- Any item shipped into Walmart as a 1/1 item
- Any single side of case is greater than 25” in length OR
- The second largest side of case is greater than 20” in length OR
- The smallest side of case is greater than 14” in length OR
- The case weighs more than 30 pounds OR
- Volume is greater than 3.25 cubic feet OR
- Any item defined as “collectible”

NOTE - This page applies to Walmart GM ETS: Private and Exclusive Brands items only.

NOTE - Suppliers may obtain a copy of Walmart’s instructions for the required ISTA Test Protocols on Retail Link > Academy > Transportation Channels > Packaging and Labeling > Walmart Package Standards/Transit Testing.

Completed Transit Tests

Once the transit test results are complete, the supplier or global sourcing partner must submit a copy to ISTATesting@wal-mart.com.

Walmart may request a retest for items with rates above department average.

Items exempt from testing requirements shown below:

Soft Goods, including but not limited to:
- D7: stuffed animals
- D18: Halloween Costumes, Cutlery, Paper plates/cups

Walmart ETS Private Brands Transit Testing – Flow Chart

New or existing item

Does Item classify as SIOC?

YES

Follow ISTA 3B protocol.

NO

Follow ISTA 6A Fed-Ex International protocol

Does the item ship LTL from the Fulfillment Center?*

YES

Follow ISTA 3A protocol.

NO

Work on packaging improvements.

Pass/Fail

ALL ETS Departments- Provide completed Certified 3rd Party Passing ISTA Test to ISTATesting@wal-mart.com.

End

* If any one of the following conditions are met, item will ship LTL:
  >150lbs
  >108” in longest dimension (9ft)
  >165” in length (L) + girth (2W+2H)

If none of the above are met, package will travel small parcel carrier.
Required Package Testing, cont...

GM Hardlines: Private and Exclusive Brands

If any of the following conditions are met, your product is considered Ships in Own Container “SIOC” and is required to ship in its own case:

- Any item shipped into Walmart as a 1/1 item
- Any single side of case is greater than 25” in length OR
- The second largest side of case is greater than 20” in length OR
- The smallest side of case is greater than 14” in length OR
- The case weighs more than 30 pounds OR
- Volume is greater than 3.25 cubic feet OR
- Any item defined as “collectible”

NOTE - This page applies to Walmart GM Hardlines: Private and Exclusive Brands items only.

NOTE - ISTA testing once completed should be sent to ISTATesting@wal-mart.com.

Walmart Hardlines Private Brands Transit Testing – Flow Chart

New or existing item

Does Item classify as SIOC?

YES

Follow ISTA 3B protocol.

NO

Follow ISTA 3A protocol.

YES

Follow ISTA 6A Fed-Ex International protocol

NO

Work on packaging improvements.

ALL Hardlines Departments—Provide completed Certified 3rd Party Passing ISTA Test to ISTATesting@wal-mart.com.

End

NOTE - Suppliers may obtain a copy of these required Walmart ISTA Test Protocols on Retail Link > Academy > Transportation Channels > Packaging and Labeling > Walmart Package Standards/Transit Testing.

Completed Transit Tests

Once the transit test results are complete, the supplier or global sourcing partner must submit a copy to ISTATesting@wal-mart.com.

Walmart may request a retest for items with rates above department average.

Items exempt from testing requirements shown below:
Soft Goods, including but not limited to:
- D9: Camping and sports clothing apparel, sports towels
- D10: Cleaning towels
- D11: Safety gloves
- D16: Seat cushions, throw pillows

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Required Package Testing, cont...

Case Pack Definitions for ISTA Testing

A – Case pack (shipping carton) with multiple selling units.

B – Case pack (break pack/shipping carton) contains more than one warehouse pack. Each warehouse pack contains more than one selling unit.

C – Case pack (break pack/shipping carton) contains more than one warehouse pack. Each warehouse pack contains one selling unit.

D – Ships-as-is/ships in own container (SIOC). Each shipping case is one selling unit.

E – Case pack is a less than pallet size PDQ display/SRP (shelf ready package).

F – Unitized Load includes any number of supplier pack cases that are bundled together to move as a single unit. This includes items that are palletized or placed on a slip sheet to be moved through the Walmart Supply chain to store and/or end user as a unit load.

Case Pack Test Requirement

A – **Required** ISTA test to be performed on the Shipping Carton.
B – **Required** ISTA test to be performed on the Warehouse Pack (not the shipping carton)
C – **Required** ISTA test to be performed on the Warehouse Pack (not the shipping carton)
D – **Required** ISTA test to be performed on the shipping carton (SIOC package).
E – **Required** ISTA test to be performed on the PDQ/SRP shipping carton.
F – **Required** ISTA test to be performed on the Unitized Load.
# Case Quality

<table>
<thead>
<tr>
<th>Case Characteristics</th>
<th>Automation Eligible</th>
<th>Automation Ineligible</th>
<th>Not Acceptable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Within the automation eligible dimensional/weight limits</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flat, sturdy corrugated packaging</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tight fitting, supported shrink wrap packaging</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Product with tapered sides, but flat top and bottom surfaces (glass/plastic bottles)</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Packaging has passed required ISTA testing protocols</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outside the automation eligible dimensional/weight limits</td>
<td>✓</td>
<td>✓</td>
<td></td>
</tr>
<tr>
<td>Bagged products (dog food, potting soil, deer corn)</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Cases with open flaps</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Loose shrink plastic, tape, packaging</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bulging or compacted sides</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Product falling out of or extending from the top of packaging</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adhesives causing cases to be stuck together</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Missing/unreadable packaging barcodes</td>
<td>✓</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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# Receiving Quality

<table>
<thead>
<tr>
<th>Case Characteristics</th>
<th>Automation Eligible</th>
<th>Not Acceptable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cases are stacked, stable, and free of damage</td>
<td>✚</td>
<td></td>
</tr>
<tr>
<td>Overall pallet + freight height less than 102”</td>
<td>✚</td>
<td></td>
</tr>
<tr>
<td>Pallet meets minimum quality standards</td>
<td>✚</td>
<td></td>
</tr>
<tr>
<td>Layers leaning or tipped more than 0.5” from base of pallet</td>
<td>✚</td>
<td></td>
</tr>
<tr>
<td>Same item stacked on pallet in different height orientations</td>
<td>✚</td>
<td></td>
</tr>
<tr>
<td>Cases fall or become unstable when wrap removed</td>
<td>✚</td>
<td></td>
</tr>
<tr>
<td>Layers stuck/glued together</td>
<td>✚</td>
<td></td>
</tr>
<tr>
<td>Tier sheets stuck/glued between layers</td>
<td>✚</td>
<td></td>
</tr>
<tr>
<td>Slip sheets stuck/glued to bottom layer</td>
<td>✚</td>
<td></td>
</tr>
<tr>
<td>Missing/unreadable packaging barcodes</td>
<td>✚</td>
<td></td>
</tr>
</tbody>
</table>
Automation Eligible Cases

Automation Eligible Shipping Cases
(Vendor Pack Cases)
Packaging and pallet formation must enable product to move successfully from the Supplier to the store shelf through the most efficient distribution process available. Where conveyors and/or robotic technology are used, the product will be clamped and/or conveyed to maximize operations within the distribution center.

GENERAL MERCHANDISE
Minimum requirements
6.4” L x 5.0” W x 2.0” H (minimum 1 lb.)
163mm x 127mm x 51mm (0.45 kg)

Maximum requirements
36” L x 24” W x 16” H (maximum 50 lbs.)
915mm x 610mm x 407mm (23 kg)

REFRIGERATED/FROZEN
Minimum requirements
6” L x 4.0” W x 2.0” H (minimum 1 lb.)
153mm x 102mm x 51mm (0.45 kg)

Maximum requirements
26” L x 20” W x 19” H (maximum 50 lbs.)
661mm x 508mm x 483mm (23 kg)

Automation eligible cases and packaging may be subjected to heavy compression on rollers and belts, as well as vibration, abrasion, temperature, and humidity changes during normal DC handling and processing. Automation eligible cases and packaging, other than glass items, are required to withstand a 3-foot drop test.

Automation Eligible Warehouse Packs
(Inner Packs)
If the warehouse pack meets the automation eligible case requirements, every effort should be made to set the item up with the buyer as a case pack. It is very inefficient for the DC to handle automation eligible freight through the break pack process.

Automation Eligible Cases and Packaging
- Cases are required to be free of protrusions on the outer packaging.
- Avoid round or irregular cases or vendor packs.
- Items are required to be tightly secured within their corrugated case or tray with minimal head space to prevent shifting during handling.
- It is required that hazardous and liquid material must be secure enough not to leak if the packaging breaks.
- A Supplier’s internal barcode label should not be placed on the top of the case as it may interfere with the conveyor’s scanning equipment. It is NOT ALLOWED to cover any case GTIN barcode.

- Avoid using plastic wrap or labels that are highly reflective.
- Black corrugated material and black plastic film are NOT ALLOWED.
- Cases should be stacked on the pallet in the automation eligible orientation.
- Pack configurations with an aspect ratio greater than 1.6 (h/w) will be automation ineligible.
- 2” sidewalls are required (see “Fragile Product Packaging” section for tray requirements for glass items) and no loose plastic or loose ends. Plastic must be thick enough to avoid tearing or pulling loose through automation. Corrugated board or paperboard sheets with no sidewalls are NOT ALLOWED. Lateral support is necessary.
- Automation eligible cases not properly packaged negatively impact the speed and efficiency of freight flow through the DCs. Poor or insufficient packaging will increase overall Supplier costs by adding delays to the store and additional case handling into the shipping process, thereby reducing supply chain efficiency.

NOTE - Refer to the “Fragile Product Packaging” section of this guide for additional requirements on fragile items.

NOTE - D4 – Consumer Paper Goods Items are exempt from the 85” pallet height requirement.

See ISTA Testing section of this guide to review required package performance testing for your items.
Automation Ineligible Cases

Automation Ineligible Cases
While automation eligible cases are preferred, not all cases and packaging can be inducted into the Walmart RDC automation.

Some items are too large or awkward to be automation eligible; for example, bicycles, outdoor furniture, lawn mowers, large TVs, tires, garden tools, and long rugs. These items exceed the maximum dimensions and weight for automation eligible cases but are acceptable automation ineligible items.

GENERAL MERCHANDISE
Maximum Allowable Size requirements
72” L x 48” W x 72” H
1829mm x 1219mm x 1829mm

Any single item larger than the dimensions shown above require supply chain approval before shipping into a Walmart DC. Send request for approval to logpkg@wal-mart.com.

Items that are approaching our maximum allowable size shown above are required to maintain a flat top surface in order to allow for stacking within the supply chain.

The maximum height for a pallet pull is 85” without a pallet. This is also the maximum height when creating a configuration for a pallet pull item. A pallet pull is an item that is shipped to stores as an entire pallet. The maximum height for automation ineligible cases with a pallet is 90”.

Straps and Bands
Straps or bands for vendor packs must be tight on the case. Loose bands may damage to conveyors and automation systems. Metal banding is NOT ALLOWED. Banding together multiple vendor pack cases is NOT ALLOWED.

Straps and bands are allowed on produce pallets and automation ineligible items such as swing sets, tables, or other heavy merchandise over 55 lbs.

NOTE - Straps or bands are NOT ALLOWED on automation eligible merchandise shipped to the eCommerce Network.

Edge Casters or Wheels
Edge casters or wheels integrated into cases that meet automation eligible guidelines are NOT ALLOWED. Edge casters or wheels on all automation ineligible cases must be approved by the Walmart Inbound Quality Senior Manager for Packaging before use. Send request for approval to logpkg@wal-mart.com.

NOTE - Do not ship cases of merchandise in metal racks or metal crates without the written approval of Walmart Supply Chain.
Case Quality

Adhesives
Corrugated box flaps are **required** to remain secure with an adhesive that can withstand automated handling, compression, humidity, and a range of temperatures.

Sealing and Opening Cases
Case flaps are **required** to be securely sealed using adequate glue or tape. Use water-resistant tape for cold/wet perishable and freezer items. For heavy merchandise, use tape with reinforcing fibers along all seams.

- Avoid large gaps between case flaps. Gap flaps larger than 1" are **NOT ALLOWED** on any side of the case.

Vibration and Abrasion
Quality packaging is **required** for containers to withstand the rigors of automation technologies.

This is particularly important for:
- Heavy merchandise with relatively small footprints that concentrate pressure on a very small area of the container.
- Containers using shrink wrap or stretch wrap for containment.
- Items packaged in glass containers.

Container Surface
All cases and packaging surfaces are **required** to be flat and strong enough to support their weight and the weight of other cases placed on top without distortion, deflection, or bending.

**Avoid placing products that taper towards the top in trays.** This creates an uneven surface for stacking. An example is a wide bottle with a narrow neck.

- Bottom of cases are **required** to have a flat and smooth surface.
- Bulging in cases due to over-packed contents or collapsing due to excessive air space is **NOT ALLOWED**. Surfaces are **required** to extend no more than 0.25 inches from flat.
- Cases are **required** to be properly sized to contain the product.

Paper sealing tape
Full length of all outer seams securely sealed with strips not less than 2" (50 mm) wide.

Reinforced tape
Full length of all outer seams securely sealed with strips not less than 2" (50 mm) wide.

Pressure-sensitive tape
Full length of all outer seams securely sealed with strips not less than 2" (50 mm) wide. Tape must not be less than 2 mils thick.

NOTE - Paper Wrap is allowed only with prior approval from the Walmart Inbound Quality Senior Manager. Send request for approval to logpkg@wal-mart.com.
Case Quality, cont...

Compression
Cases are required to be able to withstand side-to-side and end-to-end compression that normally occurs on a DC conveyor and automation system. Reduce air space within a case to avoid product damage. If your product is packaged in perforated cases, ensure they comply with the proper compression standards. Chipboard is not acceptable corrugated material for vendor pack cases.

Perforated Cases
Perforated cases are required to be able to withstand warehouse handling, including conveyors and automation, without damage. Passing a 3-foot drop test without failure is a good rule of thumb to gauge success.

Case Orientation and Liquids
Stack cases in the proper orientation that aligns with the vertical flute direction of the corrugated material for optimal stacking strength.

Suppliers are required to mark all liquids with “THIS SIDE UP” and a directional arrow graphic to indicate the proper case orientation on a minimum of two sides.

**NOTE - Arrows are required on liquids, hazardous materials, and fragile items.**

Case and Pallet Handling Markings
Case exteriors should be marked with only the applicable symbols or icons. These symbols will help the shipper, DCs, and stores determine the proper handling necessary for the shipping case to arrive at its destination in good condition. Graphics and descriptions must be large and easy to read. Additional case markings may be required by the Walmart Private Label Packaging Team.

Cartons with Openings
Any openings or windows on a case are required to be capable of being used as hand holds during the order fulfillment process. Any openings in shrink wrap must fully contain the product within the case or tray. Avoid large gaps between case flaps. Flap gaps of greater than 1” are NOT ALLOWED for any side of the case.

In general, holes in the corrugated board should be minimized to maintain the structural integrity of the case and balanced for any temperature and humidity control required to maintain product quality.

Open Top Cartons
Open-top cases that are not secured with a lid or plastic shrink film are NOT ALLOWED. The only exceptions are perishable items shipped in an RPC or DRC (display ready container) with a 5-down footprint.

Carton Lids
If a lid is used to contain product in a case, the lid is required to be secured to the case. This applies to all cartons and product containers including plastic clamshell packaging.

Product with Pop-Off Tops
Due to damages to product/containers that have pop-off tops such as, but not limited to, quart/gallon paints, primers, gloss, and rubber coating, these items are NOT ALLOWED to be shipped to any Sortable or Non-Sortable Fulfillment Center (eCommerce Network). Failure to adhere to this policy may result in a chargeback to the Supplier.
Case Quality, Shrink Wrap Items

<table>
<thead>
<tr>
<th>Shrink pack items that DO NOT require a tray</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Refrigerated/frozen items</td>
</tr>
<tr>
<td>• Items with all flat surfaces (i.e., corrugated cartons shrink-wrapped together with no gaps)</td>
</tr>
<tr>
<td>• Full pallet pull items</td>
</tr>
<tr>
<td>• Items that do not meet automation eligible package size or weight requirements</td>
</tr>
</tbody>
</table>

A corrugated tray is **required** for all shrink pack items not listed in the above chart.

**Shrink-Wrapped Trays (Heat Shrink Plastic)**

Cases may be contained with shrink wrap as long as the mil (thickness) can withstand abrasion, stacking, or protrusions encountered in normal handling, conveying, loading, and unloading. The case base and top are **required** to be continuous, flat surfaces on all sides. Corrugated trays are **required** to have a minimum 2” high side wall (see “Fragile Product Packaging” section for tray requirements for glass items). Plastic is **required** to fit tightly around the case with no loose ends. Pack sizes with an aspect ratio (height/width) greater than 1.6 are **required** to ship in a full corrugated case and will be automation ineligible. Product shipped in trays is **required** to be weight bearing. Pack configurations with an aspect ratio greater than 1.6 will be automation ineligible. Transparent film is preferred.

**Unsupported Shrink-Wrapped Items**

Items that are not contained within a 2” side wall or higher tray are considered unsupported shrink wrap items. All shrink pack items are **required** to have a flat top and bottom. When shipping an unsupported shrink pack item that does not have flat surfaces on all sides, a tier sheet is **required** to be placed between each layer including between the bottom layer and the pallet. The tier sheet allows for automated depalletization of product within Walmart distribution centers. Items that ship as a full pallet pull are exempt from this requirement.

**Supported Shrink-Wrapped Items (Shrink-Wrapped Trays)**

When required, a corrugated tray is **required** to have a minimum 2” high side wall (see “Fragile Product Packaging” section for tray requirements for glass items). Corrugated trays are used to help with automation and conveyance through our distribution centers. The tray will help contain products and protect them from damage that occurs during conveyance and induction into automated facilities. Granule Bags (such as flour or sugar) are **required** to be placed in a tray for conveyance and induction into automated systems within the distribution centers.

**NOTE** - A tier sheet is **required** between all shrink pack layers when palletized. This includes a tier sheet between the bottom layer and the pallet. Items with all flat surfaces, supported in a tray, or full pallet pull items are exempt from this requirement.
Case Quality, Shrink Wrap Items, cont...

Corrugated Tray Size and Shape
Shrink pack trays are required to meet Walmart’s minimum height requirements as published within the supply chain standards. Some items may become difficult to for customers to shop the products due to the required case height. To minimize this opportunity, suppliers may have u-shaped windows cut into the trays to help improve product visibility and the ease of customers removing the item while on the shelf.

Tray Window Guidelines
• Cutout is NOT ALLOWED not exceed 50% of overall tray height.
• Full height corner is required to extend beyond 50% of first selling unit contained within the tray.
• Cutouts are allowed on any or all sides of the tray.
Pack Types

**Case Handling**
The physical appearance and structural integrity of the shipping case are as important to our customer as the commodity itself. It is the responsibility of the Supplier to ensure proper packaging and pallet formation will protect the product as it moves throughout the supply chain.

General corrugated box construction/design should follow the guidelines and recommendations found on ASTM D5118 at [www.astm.org](http://www.astm.org) and within the Fibre Box Handbook at [www.fibrebox.org](http://www.fibrebox.org).

*Familiarize yourself with the following pack types and case specifications to ensure efficient processing.*

**Vendor Pack**
- Packages shipped from the Supplier to the DC as specified on the PO.
- Quantity is expressed as the total number of selling units in the case shipped to the DC.

**Warehouse Pack**
- Packages shipped from the DC to stores.
- Quantity is expressed as the total number of selling units in the configuration the DC ships to the store.
- Warehouse pack is not used within the eCommerce environment.

**Parent/Child Assortment** is a mix of items within a vendor pack containing a Master Item/UPC (Parent) that represents multiple unique item numbers with a variety of color and sizes (child).
Pack Types, cont...

Master Pack
- Packages shipped from the Supplier to a DC with multiple vendor packs inside one case are **NOT ALLOWED**.
- Master packs are allowed in eCommerce network with prior approval only. Contact the Packaging/Labeling team at labeling@walmart.com for approval.

Mixed Master Pack
- A mixed master pack is a package shipped from the seller to the Fulfillment Center that contains multiple vendor packs inside a single case.
- It is not recommended to ship in mixed master packs. Purchase orders are written specifying the number of vendor packs ordered and that should be the quantity configuration.
- To ship in a configuration different than what the PO specifies may result in delayed payment, claims, wrong quantities to customers, delayed processing, product refusal, and many other issues.
- Within the eCommerce environment, smaller items may require mixed master packing. If your vendor pack does not meet the minimum automation eligible sort requirements, you are required to contact the Packaging/Labeling Team at: labeling@walmart.com for approval of mixed master packing.
- Supplier is required to apply three “STOP labels” to master case.
  - One on each long side
  - One on top
  - At least one “Stop label” is required to be placed near the domestic shipping label
- “STOP labels” are required to:
  - Use the following language: “STOP | MIXED MERCHANDISE | RECEIVE AS BREAK PACK”
- “STOP labels” are recommended to use:
  - Font: Arial Bold | Minimum of 48 pt | ALL CAPS
  - Use red ink on a white background (black ink on a white background is acceptable).
- Domestic shipping label is required to state “MASTER PACK” in WMIT field.

Selling Unit
Selling unit must be individually packaged (poly bag or case) and placed within the corresponding vendor pack.

Vendor Pack
Each vendor pack is required to contain applicable case markings (Product ID info) and orderable GTIN barcode in either ITF-14 or GS1-128 format. If possible, include WMIT.

Master Case
Barcodes other than the postal code and the SSCC-18 are **NOT ALLOWED** on the domestic shipping label for master packs.

Combining multiple POs within the same master pack case is **NOT ALLOWED**.

“STOP label” is required to be clearly indicated on or alongside the domestic shipping label.

“STOP label” is required to be included on the two long sides of the master pack case.
Case Pack vs. Break Pack

**Case Pack**
- Matching vendor pack (shipping case) and warehouse pack (inner pack) quantities.
- The store receives the entire case quantity.

*All cases shipping into the GDCs are required to be case packs. The GDCs do not have a break pack process.*

**NOTE for eCommerce only:** If the customer is expected to receive the entire case, then it is required to be set up as 1/1 where “1” represents the number of selling units.

**Additionally, eCommerce shipments should contain warehouse pack quantities at the selling unit level (1). An exception may be made in the event the items are “Shared” with Walmart stores.**

**Example: Case pack**
Store or fulfillment center receives: 1 case of 48

**Example:**
- Store Networks - Vendor pack = Qty 48
- Warehouse pack = Qty 12
- eCommerce Network - Vendor pack = Qty 48
- Warehouse pack = Qty 48

**Break Pack**
- If it is not practical to ship an item to the stores and fulfillment centers in a full case pack quantity and/or the vendor pack case is too small to be automation eligible, your buyer should create the item as a break pack.

- A break pack item is any item with a vendor pack quantity that is larger than the warehouse pack quantity.
- These items are ordered from the Supplier in the vendor pack quantity.
- Within the vendor pack, the Supplier is required to securely pack the merchandise according to the warehouse pack quantity.

- The warehouse pack is required to be contained so that the picks do not come loose during the order filling process. If picks collapse and do not remain as a rigid item during handling, this leads to increased handling costs, damages, and delays to stores.
- Break pack items should not exceed 22” x 14” x 16”. Approval is required for oversize break pack items. Please contact the Walmart Inbound Quality Senior Manager at logpkg@wal-mart.com.

Avoid plastic or cardboard bands or sleeves.

- The store receives the warehouse pack in a larger box packed by the DC with other break pack items.

**Items that do not meet the minimum automation eligible case dimensions of 6.4” L x 5” W x 2” H and weigh less than 1 lb. may have to be created as a break pack item.**

**Example: Break pack = 4 warehouse packs**
- Store receives: 1 warehouse pack = 12 selling units
- Fulfillment center receives: 1 vendor pack = 48 selling units (not ideal for eCommerce network)

**Example:**
- Store Networks - Vendor pack = Qty 48
- Warehouse pack = Qty 12
- eCommerce Network - Vendor pack = Qty 48/
- Warehouse pack = 48

- Store Networks - Vendor pack = Qty 4
- Warehouse pack = Qty 1
- eCommerce Network - Vendor pack = Qty 4/
- Warehouse pack = 4

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Automation Eligible Inner Packs and Plastic Bags

Inner packs are warehouse packs that will be broken out and sent to individual stores by the DC or to individual customers by the FC. Inner packs must be properly secured so the single selling units do not come loose during the order fulfillment process. Plastic or cardboard bands or sleeves are not recommended.

**Inner Pack Structural Recommendations**
- Inner packs can be subjected to suction of 5 psi over 7 in².
- Avoid macro-scale holes in surfaces of packaging, which can interfere with suction picking process.
- Cases should have flat, sturdy tops with flaps that meet and smooth bottoms.
- Lids should be secured to body of inner pack.
- Ensure containment of selling units within inner pack.
- Inner packs should be able to be engaged as individual units to be picked and separated.
- Product can shift and dislodge if not designed properly.
- Avoid excess glue sticking out from closures.
- Avoid rubber bands, paper-based sleeves, plastic sleeves.
- Black corrugated material and black plastic film are **NOT ALLOWED**.

**Poly bags for Inner Packs**
Poly bags may be used for inner packs. The poly bag is **required** to be sealed shut so the product does not fall out of the bag during the order fulfillment process. Hangers are **required** to be fully enclosed within the poly bag for all apparel items that include a hanger.

Inner poly bags for apparel are **required** to be clear polyethylene of at least .75 mil thickness with the following specs:

- Low density polyethylene bags are **required**. Walmart encourages the use of Post-Consumer Recycled Content.
- Use only medium slip, high anti-block (a super floss additive that prevents poly bags from sticking together).
- No BHT (BHT is butylated hydroxytoluene and prevents garments from yellowing).
- Poly bags must be puncture-resistant.
- Imports – PE 04 polyethylene bags are acceptable.
- Poly bag packs for the eCommerce network will always be **ONE**. Placing more than one selling unit in a single poly bag is **NOT ALLOWED** in the eCommerce network.
- Poly bags that are **NOT ALLOWED** include dry cleaner bags, import poly bags made from polypropylene (PP).

**General Poly bag Requirements**
**ALL PRODUCTS (except toys)** - Plastic bags with a thickness less than one mil (0.001 inch) that have an opening size of 5” or more are **required** to have the following warning.

**NOTE** - Hangtags for apparel garments should be visible through poly bag.

*When possible, ensure eCommerce apparel items do not measure greater than 20” x 14” x 2”.*
Automation Eligible Inner Packs and Plastic Bags, cont...

### Toy Products

<table>
<thead>
<tr>
<th>Total length and width of bag (added together)</th>
<th>Size of print</th>
</tr>
</thead>
<tbody>
<tr>
<td>60 inches or more</td>
<td>at least 24 point</td>
</tr>
<tr>
<td>40 to 59 inches</td>
<td>at least 18 point</td>
</tr>
<tr>
<td>25 to 39 inches</td>
<td>at least 14 point</td>
</tr>
<tr>
<td>Less than 25 inches</td>
<td>at least 10 point</td>
</tr>
</tbody>
</table>

Plastic film bags and flexible plastic sheeting are required to be at least 1.5 mil (0.0015 in./0.0381 mm) in nominal thickness, but the actual thickness must never be less than 1.25 mil (0.00125 in./0.03175 mm). Therefore, flexible plastic used with toys cannot be thin enough to require the state warning label.

To assist in your determination of a toy, the Walmart Product Safety and Regulatory Compliance Standards Team has developed a variety of pictorial guidance and decision trees, available on Walmart Retail Link: Retail Link > Site Map > Product Safety and Compliance Library.

Any merchandise that is not completely enclosed in packaging is required to have a sealed poly bag to protect the item. Items with no packaging are NOT ALLOWED.

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**Poly bags for Blankets, Comforters, and Pillows - eCommerce Only**

- Blankets, pillows, and comforters are **required** to be in individual poly bags.
- Comforters are **required** to be in poly bags and placed in a case.
- The front of the poly bag is **required** to have UPC-A barcode at the bottom right.

**Poly bags for Rugs, Mats, and Mattresses - eCommerce Only**

- Rugs and mats are **required** to be rolled and placed into a poly bag as an individual selling unit.
- Poly bag is **required** to be clear or white.
- Material is **required** to be 3 mil thick or greater.
- Poly bag is **required** to be sealed.
- UPC-A barcode is **required** on the outside of the poly bag.

**Poly bags for All Softlines - eCommerce Only**

- Merchandise in which the material is a fabric is **required** to be contained within its own case or sealed poly bag.
- Poly bag packs are **required** to be 1/1 (selling unit only). More than one item in a poly bag is **NOT ALLOWED**.
- Examples include, but are not limited to, apparel, plush toys, pillows, and sheets.

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Questions: See the Appendices for plastic bag FAQs. Submit questions to: gmcomply@walmart.com.
GTIN use at Walmart

What is a Global Trade Item Number (GTIN)?
A GTIN is a globally unique number used to identify trade items, products, or services. GS1 defines trade items as products or services that are priced, ordered, or invoiced at any point in the supply chain. Each packaging level is identified by a unique GTIN. For example, a brand will use a different GTIN to uniquely identify their individual selling unit, four selling unit inner pack, and vendor pack case unit of 16 selling units (4 inner packs of 4 selling units each). This unique GTIN will identify item and configuration as it moves throughout the supply chain.

Types of GTIN’s used within the Walmart Supply Chain
Walmart makes use of GTIN’s in many different ways within our supply chain. The following guide represents common language used within Walmart during item setup for entry of your items GTIN’s at varying logistical levels:

Consumable (selling unit) GTIN – the consumable GTIN is assigned to the individual selling unit. This is required to be applied to the selling unit using a point of sale barcode that includes multiple UPC and EAN barcode formats. These GTIN’s are often referred to as GTIN-8, GTIN-12 or GTIN-13.

Inner Pack GTIN – the inner pack GTIN is assigned to an inner pack, or break pack, configuration of a case. This is required to be applied to the inner pack carton using a supply chain barcode that includes ITF-14 or GS1-128 formats. This GTIN is often referred to as GTIN-14.

Orderable (Vendor Pack) GTIN – the orderable GTIN is assigned to vendor pack configuration of a case, this is the case that a supplier will use to ship product into Walmart. This is required to be applied to the vendor pack carton of multiple selling units using a supply chain barcode that includes ITF-14 or GS1-128 formats. This GTIN is often referred to as GTIN-14. If your selling unit is also your shipping unit (often referred to as a 1/1 setup), the use of a UPC-A barcode is acceptable if the consumable GTIN and orderable GTIN for your item are published as the same number in Item 360.

GTIN Creation
GS1 is the global organization that governs the creation and use of the consumable GTIN. All other GTIN’s are based on the consumable GTIN for an item. The consumable GTIN is developed by the brand owner using their unique GS1 company prefix, an item reference number, and a check digit that validates the barcode scanner accuracy.

Additional Information
For detailed information on GTIN barcodes, contact the GS1 US: www.gs1us.org.

For information on trade configuration hierarchy, please visit: https://itemmanager.helpdocs.io/article/0dig3jt5ft-understanding-trade-item-configurations

GTIN use at Walmart
Supply Chain Standards / General Requirements

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14-digit Orderable GTIN Barcode, Character identification

First Digit: Packaging Indicator
Many types of items are produced and distributed in fixed measure nested packaging configurations (e.g., consumer unit, carton, case, pallet) with fixed quantity relationships. The first digit indicator (values 1 to 8) of the GTIN-14 data structure is used to denote these levels of a packaging configuration. The PI is required to be unique only within the same item UPC. It is not necessary to maintain the same PI across different items.

When a case contains more than one selling unit of multiple different UPCs, a unique GTIN is assigned.

A new item number is required to be assigned for a standard assortment. The assigned item number is required to be unique from any other item in your category of products.

Second and Third Digits: Number System Character
To create a GTIN-14, you are required to use your full GS1 company prefix which includes the leading zero. If your GS1 company prefix starts with 1-9, continue to use the full prefix. For example:

- If your selling unit UPC is 0 12345 67890 5 — the NN is 00.
- If your selling unit UPC is 6 12345 67890 7 — the NN is 06.
- If the 14-digit case GTIN is based off the EAN-13, a zero should not be inserted.

Digits Four through Eight: Manufacturer’s UPC Number
This 5-digit number is always the manufacturer’s UPC identification number. When the number system character is added, the complete manufacturer’s ID number is six digits long.

Digits Nine through Thirteen: Item ID
There are two ways to assign an item ID:
1. Use the same 5-digit number assigned to the consumable GTIN of the item in the case. Bonus packs, promotional packs, special displays, and product containers with matching UPC item numbers and standard pack replenishment item numbers must be identified by a unique item number used in conjunction with a packaging indicator of 0. On these items, a unique packaging indicator may be used to differentiate these products.

2. Use a unique 5-digit number for each level of packaging of the same product. A unique item number must always be used to identify assortments with more than one consumer package UPC inside the inner case or shipping container. When the item number is different than the product inside the shipping container, you must use 0 as the packaging indicator.

Digit Fourteen: Check Digit
The check digit is based on the data from the other 13 digits and the following formula:

**Shipping container code: 0 0012345 67890 5**

1. Starting with the packaging indicator, add all the characters in the odd positions.

   \[0 + 0 + 2 + 4 + 6 + 8 + 0 + 5 = 20\]

2. Multiply the sum by three.

   \[20 \times 3 = 60\]

3. Add all the characters in the even positions.

   \[0 + 1 + 3 + 5 + 7 + 9 = 25\]

4. Add the product from the second step to the sum of the third step.

   \[60 + 25 = 85\]

5. The check digit will be the number that gives the next highest multiple of 10 when added to the sum of step 4.

   \[85 + 5 = 90\]

   The check digit is 5.

Use verification equipment to test the shipping container code. Be sure to verify all 14 digits, including the check digit.

Additional Information
For detailed information on shipping container codes, contact the GS1 US: [www.gs1us.org](http://www.gs1us.org).
ITF-14 Orderable GTIN Barcode

14-Digit Case GTIN Interleaved 2 of 5 Barcode

Walmart requires the 14-digit supplier pack (orderable) GTIN on all vendor pack cases that contain multiple selling units when shipping to Walmart Distribution Centers, Fulfillment Centers, Consolidation Centers, and Direct Store Delivery. The ITF-14 format barcode is one of two acceptable barcode formats to convey the GTIN to Walmart.

- All PDQ displays are required to have two 14-digit case GTIN barcodes.
- Bearer Bars around GTIN Barcodes are recommended.
- All Barcodes are required to have the ability to be scanned by equipment within the Walmart supply chain. Some issues that may affect the ability to scan include, but are not limited to:
  - Print Quality - GTIN and print-and-apply barcodes are required to meet or exceed the ANSI standard grade B or higher. Barcodes printed directly on the corrugated board are required to meet or exceed the ANSI standard grade C.
  - Size - GTIN is required to be compliant with the GSI Standard. Minimum Allowable Size for GTIN is 3” in length and 3/4” in height.
  - Location - GTIN is required to be located at least 3/4” from the edge of the case wall and at least 1.25” from the bottom of the case. If your carton height is less than 2.25” tall the barcode should be centered on the carton.
  - White Space - also referred to as Quiet Zone, is required on each end of the printed GTIN. Minimum of 0.25” of white space is required on the left and right side of the printed bars. This minimum space requirement is proportional to the overall size of the bar code. Refer to GS1.org for additional detail.
  - Barcode is required to be scannable through any applied plastic films. Barcode is NOT ALLOWED to be applied under a plastic seam or bullet hole.
  - Print and apply labels are required to maintain a flat surface.
  - Ink applied to plastic film, print and apply labels, or any other materials are NOT ALLOWED to smear when contacted by another surface.

If you are not able to meet any of these requirements, contact the Walmart Inbound Quality Senior Manager at logpkg@wal-mart.com.

Creating the Shipping Container 14-Digit Case GTIN

It is the Supplier’s responsibility to create the 14-digit case GTIN. Walmart does not provide the tools or software necessary to create barcodes.

The 14-digit barcode provides a unique SKU identification number that is cross-referenced at the DC to a specific Walmart item and pack. The 14-digit case GTIN provides additional pack level identification for any given case.

The 14-digit case GTIN is very similar to the 12-digit UPC product code. Both symbols use a unique manufacturer’s number that identifies the merchandise producer or labeler and a 5-digit item number assigned by the manufacturer to a specific product.

Additional Information

For detailed information on shipping container codes and barcode specifications, contact the GS1 US: www.gs1us.org.

Red laser scanning devices are blind to red, blue, brown, and shades of purple. DO NOT use these colors when creating your barcode label. Contact logpkg@wal-mart.com for questions on barcode color or background.

Single packed items with only one selling unit in the vendor pack case may use the ITF-14 barcode or the selling unit UPC/EAN barcode. The barcode must be visible on the item when it is received and must match the orderable GTIN published to Item 360. If you use a removable UPC or tear-off UPC label, it must be applied so it can withstand the conditions of the warehouse receiving systems so it does not come off.
GS1-128 Barcode

The GS1-128 barcode (data carrier) provides a global standard for exchanging data between different companies. GS1-128 not only encodes the data but also defines the meaning of the data contained within the barcode with the use of Application Identifiers (AI). The GS1-128 barcode (formerly known as UCC/EAN-128) is based on CODE 128 symbology and incorporates the use of a flagging character (FNC1) and Application Identifiers.

Walmart will be expanding the use of data identification and capture methods that align with industry sectors across our end-to-end supply chain. The adoption and deployment of the GS1-128 barcode within the Walmart ecosystem is currently in place for Regional Suppliers in the DSDC Program, Grocery Suppliers for the Produce Traceability Initiative (PTI), Meat, Poultry, and Seafood packaging, DSD Suppliers, and Healthcare Suppliers for the Drug Supply Chain (DSCSA) and Unique Device Identification (UDI) efforts.

Where Walmart Uses the GS1-128 Barcode
A GS1-128 barcode may be used for the following items:

- **Supplier Pack (Orderable) GTIN Conveyance:**
  - **Required** for Dept 93 – Meat, Poultry, and Seafood cartons.
  - **Required** for Dept 94 – Produce cartons.
  - **Required** for Dept 38 Prescription Pharmaceutical cartons.
  - Optional for all Other Departments.
  - Other data fields may be required within the barcodes for specific items or departments above.
  - Suppliers may add additional data fields into the GS1-128 barcode that are not required by Walmart at their own discretion.

- **As an SSCC-18 Logistics Unit Identifier:**
  - **Required** on all shipping/pallet labels with the following exceptions: GNFR items, DSV shipments, WFS shipments.

GS1-128 Barcode Physical Attributes
- Bearer Bars around the GS1-128 are recommended but not required.
- All Barcodes are **required** to have the ability to be scanned by equipment within the Walmart supply chain. Some issues that may affect the ability to scan include, but are not limited to:
  - **Print Quality** - print-and-apply barcodes are **required** to meet or exceed the ANSI standard grade B or higher. Barcodes printed directly on the corrugated board are **required** to meet or exceed the ANSI standard grade C.
  - **Size** - GS1-128 is **required** to be compliant with GS1 standards. Minimum allowable size for the GS1-128 is 3” L x .75” H.
  - **Location** - GTIN is **required** to be located at least 3/4” from the edge of the case wall and 1.25” from the bottom of the case. If your carton height is less than 2.25” tall the barcode may be centered on the carton.
  - **White Space** - also referred to as Quiet Zone, is **required** on each end of the printed GTIN. Minimum of 0.25” of white space is **required** on the left and right side of the printed bars. This minimum space requirement is proportional to the overall size of the bar code. Refer to GS1 for additional detail.
  - **Barcode is required** to be scannable through any applied plastic films. Barcode is **NOT ALLOWED** to be applied under a plastic seam or bullet hole.
  - **Print and apply labels are required** to maintain a flat surface.
  - **Ink applied to plastic film, print and apply labels, or any other materials are NOT ALLOWED** to smear when contacted by another surface.
  - If you are not able to meet any of these requirements, contact the Walmart Inbound Quality Senior Manager at logpkg@wal-mart.com.

For questions regarding the electronic submission of ASNs and SSCC, contact EDI support at 479-273-8888.
GS1-128 Barcode, w/SSCC-18 Application Identifier, cont...

GS1-128 Barcode with SSCC-18

SSCC-18 is the GS1 identifier included in an ASN or EPCIS event for traceability of logistical units across the Walmart end-to-end supply chain. Walmart requires this barcode standard to be applied in conjunction with ASN or EPCIS information.

SSCC-18 barcode values are used to match the logistical shipping unit with Advanced Shipping Notice (ASN) data. Each Supplier is required to comply with matching the ASN “MAN” fields with the SSCC barcode value, as seen in the diagram below.

18-Digit GS1-128 Barcode Format

Format the SSCC as follows:

<table>
<thead>
<tr>
<th>GS1 Application Identifier</th>
<th>Extension Digit</th>
<th>GS1 Company Prefix</th>
<th>Serial Reference</th>
<th>Check Digit</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 0</td>
<td>N1</td>
<td>N2 N3 N4 N5 N6</td>
<td>N10 N11 N12 N13</td>
<td>N14 N15 N16 N17</td>
</tr>
</tbody>
</table>

GS1 Application Identifier provides information about the structure of the encoded data. An Application Identifier (AI) is a prefix that identifies the meaning and format of the following data. SSCC-18 barcodes should always use AI "00" which represents the Serial Shipping Container Code data format.

Extension Digit can have any value from 0 to 9 and is used to increase the numbering capacity. Its use is at the discretion of the company allocating the SSCC.

GS1 Company Prefix (GCP) is allocated by GS1 Member Organizations to the company that allocates the SSCC, in this case the physical builder or the brand owner of the logistic unit.

Serial Reference is a serial number created by the company allocating the SSCC. The simplest way to allocate the serial number is sequentially, for example ...00000, ...00001, ...00002.

Check Digit is calculated using the algorithm defined by GS1. (GENSPECS, 7.9.1), also see https://www.gs1.org/services/check-digit-calculator for calculator.

FNC1 Character is used to distinguish the GS1-128 from regular Code 128 barcodes using the special Function 1 character (FNC1) after the start character.

NOTE - For detailed technical requirements, see the EDI 856 Technical Specifications Guide: Walmart Retail Link Path: Retail Link > Academy > Getting Started > EDI.

Case Requirements:
- Department 38 Pharmacy RX shipments
- Shipping a PO Type 73 (DSDC)
- Shipping a PO Type 37 (DSD)
- Small Parcel Shipments
- Floor Loaded Shipments into eCommerce
- Shipments into GM Consolidation Centers

Pallet Requirements:
- All unitized shipments (mixed or single SKU)

NOTE - Suppliers who use a 3rd party consolidator are required to submit an ASN and may utilize a single SSCC-18 barcode that will be used to identify each consolidated supplier PO and/or item that is included on the pallet.

NOTE - For more detailed information on shipping container codes and barcode specifications, contact the GS1 US: www.gs1us.org.
General Case Markings

The following information is **required** on a minimum of two sides on all standard shipping cases with at least one side being the longest. Applying markings to both long sides, or one long and one short side, is acceptable. Case markings may be printed directly to the carton, applied by label, or a combination of these 2 methods. Case markings may be applied to more than 2 sides at suppliers discretion.

**NOTE** - Meat/Poultry/Seafood/Produce/Eggs/D80 Bakery/D98 Deli, and DSV shipments have unique case marking requirements. See those specific sections of this manual for labeling requirements.

The standard shipping case is a full supplier pack case matching the quantity published to Item 360. Suppliers are **required** to ship in the published supplier pack (orderable) case quantity.

- See ITF-14 and GS1-128 barcode section for additional details on barcode specifications.

- Multiple flavor descriptions or multiple unique UPCs are **NOT ALLOWED** to be printed on the case.

- When applicable, the Lot Code/Best if used by date is **required** to use a minimum font size of 1/2"/48pt. Preferred date format of MM/DD/YYYY **(required on 1 side only).**

- Country of origin (COO) is **required** for all produce. It is recommended for all other items.

- Item 360 is **required** to match what is printed on the vendor case pack, including 14-digit case (orderable) GTIN and Supplier Stock Number. Verify that the information printed on your cases matches Item 360.

- One side of the case may be left open to allow for regulated items that require a hazardous material marking or label.

- Product ID label is a suggested format only. General Case markings may be applied via label, direct printing to the carton or any combination of these methods.

- 14 Digit Supplier Pack (Orderable) GTIN Barcode: ITF-14 and/or GS1-128 (w/ appropriate application identifier) format, Black ink only

- Brand/Sub-Brand

- Item Description

- Case Pack Quantity

- Color, Size, or Style: **(when available)**

- Country of origin (COO) is **required** for all produce. It is recommended for all other items.

- Item 360 is **required** to match what is printed on the vendor case pack, including 14-digit case (orderable) GTIN and Supplier Stock Number. Verify that the information printed on your cases matches Item 360.

- One side of the case may be left open to allow for regulated items that require a hazardous material marking or label.

- Product ID label is a suggested format only. General Case markings may be applied via label, direct printing to the carton or any combination of these methods.

- Orderable GTIN Compliance may be met with the use of 2 ITF-14, 2 GS1-128, or 1 of each barcode to convey GTIN information.
Inner Pack Case Markings

Inner Pack Markings
All inner packs flowing through the Walmart Supply Chain need to be properly marked for clear identification of the item.

- Warehouse packs where the UPC-A or EAN-13 barcode is clearly visible: no additional markings are required.
- Warehouse packs where the UPC-A or EAN-13 barcode is not clearly visible:
  - A scannable 14-digit GTIN barcode is required in either ITF-14 or GS1-128 format with appropriate application identifiers.
  - Visible product description is required.
  - Supplier Stock Number (internal item number) is required.
  - Pack size is required for warehouse packs greater than 1.
  - Walmart item number required for assortment packs.
  - Private brands may require additional markings.
- Apparel Items see FDC section of this guide.
Shrink Pack Tray Case Markings

Shrink Pack Tray Guidelines

- Shrink pack trays have the same case marking requirements as all other cases.

- Product information is **required** to be printed on a minimum of two sides of the tray with at least one side being the longest. Applying markings on both long sides, or one long and one short side, is acceptable.

- The GTIN barcode is **NOT ALLOWED** to be covered by plastic wrap seam.

- Corrugated trays are **required** to have a minimum 2” high side wall (see “Fragile Product Packaging” section for tray requirements for glass items).

- If the dimensions of the item limit the information that can be clearly printed on the tray walls, a label may be used to record the supplier stock number, temperature requirements, best if used by date, and lot codes.

- Recommended label sizes include 4” x 6” and 3” x 4”

Use two labels on opposite sides only if space is limited on tray walls

Corrugated partitions

Small tray

Large tray
### Case Weight and Hazmat Case Markings

#### Weight and Size Considerations
Keep these general guidelines in mind:

- Position graphics on the box so they are visible when the box is stacked.
- Consider placing handhold cutouts in the box to make handling easier for heavy cases.
- A **Team Lift** graphic is required on cases weighing over 50 lbs. or when one side of the case measures greater than 44”. **Team Lift** icon should be placed on 3 sides of the case (1 on top panel and on both short side panels).
- Cases shipped to Grocery DCs are **NOT ALLOWED** to exceed 50 lbs. unless approved.

#### Hazmat Labeling Compliance
Shipping cases containing hazardous materials are **required** to be marked in compliance with DOT regulations.

- Cases that do not comply with DOT regulations will be re-labeled prior to shipment at the Supplier’s expense.
- Hazmat markings are **NOT ALLOWED** to be obstructed or covered by any other labeling.
- Hazmat labels or markings are **NOT ALLOWED** to be folded over the edge of the shipping case.
- Directional arrows are **required** on 2 opposing sides for liquids.

#### Supplier Notice Regarding Hazardous Materials Package Labeling
Walmart Stores, Inc., including Sam’s Club, requires Suppliers who ship hazardous materials to any of our facilities to review their package markings and/or labeling to ensure compliance with Dangerous Goods regulations.

Fully-regulated hazardous materials require DOT labeling to identify the hazard of the contents. The labeling specifications are found in [https://www.govinfo.gov/content/pkg/CFR-2011-title49-vol2/pdf/CFR-2011-title49-vol2-sec172-407.pdf](https://www.govinfo.gov/content/pkg/CFR-2011-title49-vol2/pdf/CFR-2011-title49-vol2-sec172-407.pdf). This regulation gives specific guidelines for these labels, including durability, design, color, and size. If your company preprints the required labeling on the box instead of using labels, it must also meet the criteria defined in the regulations.


Box markings not in compliance with DOT regulations listed above will be **required** to be re-labeled prior to shipment at the Supplier’s expense to meet the regulations.

Call the Walmart Compliance Hot-line at **1-800-530-9923** with questions.
Lithium Battery Case Markings

Lithium Battery Requirements
The safe packaging of lithium batteries for transport is dependent on both the type of product and battery being shipped.

One of the major risks associated with the transport of batteries and battery-powered equipment is short circuit of the battery as a result of the battery terminals coming into contact with other batteries, metal objects, or conductive surfaces. Packaged batteries or cells must be separated to prevent short circuits and damage to terminals. They are **required** to be packed in strong outer packaging requiring drop testing or be contained within equipment.

Shipping cases are **required** to be marked with DOT regulations.

- Cases that are shipped to Walmart that do not comply with DOT regulations will be re-labeled prior to shipping to the customer at the Supplier’s expense.

- DOT case markings are **NOT ALLOWED** to be obstructed or covered by any other labeling.

- DOT regulated labels are **NOT ALLOWED** to be folded over the edge of the shipping case. *(Check with IATA and DOT for instruction when cartons are too small to contain this label size.)*

- Li-ion label size is **required** to be a minimum of 5” wide X 4” tall.

Because lithium batteries are considered a dangerous good, it is the Supplier’s responsibility to fully understand and comply with all regulations set forth by the IATA and DOT – Pipeline and Hazardous Materials Safety Administration (PHMSA). This guide is not intended to and does not provide legal guidance on compliance requirements that may be applicable to your company. Consult with your company’s internal compliance partners and/or counsel to ensure compliant shipments. For additional information regarding this regulation refer to 49 C.F.R. §173.185 or HM 215N in the Federal Register.


Walmart Stores, Inc. **requires** products that are/contain a chemical, aerosol/compressed gas, pesticide, and specific battery types (lead-acid and lithium) to obtain a compliance assessment by [https://www.ulwercsmart.com/](https://www.ulwercsmart.com/) prior to item creation. The assessment data provides Walmart with necessary information to comply with federal, state, and local regulations.

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NOTE - Label size requirements may be modified as required only if the minimum size stated will not fit on any panel of the carton without being folded over an edge.
Case Shipping Label - Domestic

Domestic Shipping Labels
Suppliers are required to include the information shown below on their shipping labels. Walmart does not provide a template for this label or require a specific format for this label. It is the Supplier’s responsibility to create the label.

A domestic shipping label is required on each case for the following shipments:
- Small parcel shipments
- All floor loaded shipments into eCommerce Fulfillment Centers
- All shipments into GM Consolidation
  - See Consolidation Section of the Supply Chain Standards for detailed information on Shipping and Pallet Labels when shipping to our Consolidation Centers. Information in this section is not applicable to consolidation centers.
  - If shipping a unitized (palletized) load, see pallet label section

**NOTE** - See appendix A and B for FedEx and UPS small package labeling instructions.

The recommended size for shipping labels is 4” x 6” when including the barcode information but can vary with different sized boxes as needed. Standard shipping labels are required to contain the following:

### REQUIRED
- SSCC-18 Barcode in GS1-128 Format w/ appropriate application identifier

### RECOMMENDED
- **Ship From Address:** Suppliers address, city, state, zip code
- **Ship To Address:** Walmart DC address, city, state, zip code and Walmart DC Number (e.g. 6094)
- **Department number:** (Walmart DEPT number, e.g., 00013)
- **Walmart Item number:** (WMIT)
- **Department number:** (Walmart DEPT number, e.g., 00013)
- **PO type:** (PO TYPE, e.g., 0020)
- **PO number:** 10 digits (ORDER #)
- **Carrier name** (if available)
- **BOL number** (if available)
- **Pro number** (if available)

**Label Placement (Individual Case)**
Place case shipping labels left of center on the longest side of the case if possible. If the height of the case does not allow, place the shipping label on top of the case. If artwork or graphics printed on case do not allow for label placement left of center, alternative placement is acceptable.

**Shipping Label and Barcode Verification**
For support on shipping labels, Suppliers can email questions, concerns, and sample labels. Labels will be reviewed to ensure all the required information is on the shipping label and that the barcode scans in the correct format. We do not verify that the information on the label is correct. This is the Supplier’s responsibility.

Send correspondence to WMBARCODELABELING@WALMART.COM.

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Pallet Shipping Labels - Domestic

Single SKU and Mixed Item Pallet Labels

A pallet label is **required** when shipping unitized items to the Walmart Distribution and Fulfillment Centers. Walmart does not provide a template for this label or require a specific format for this label. It is the Supplier's responsibility to create the label.

The **SSCC-18 barcode** is the **required** barcode format for all pallet labels. A **Mixed Item pallet label** is **NOT ALLOWED** to contain the orderable GTIN in either ITF-14 or GS1-128 formats.

- Pallet labels are **required** on at least 2 adjacent sides of the pallet, preferred on the upper right corner. It is best practice to place the label between layers of stretch wrap.
- The use of SSCC-18 barcode does not negate the requirement of the orderable GTIN barcode at the case level.

**RECOMMENDED**

- **Ship From**: Address, city, state, zip code
- **Ship To**: Walmart DC address, city, state, zip code and Walmart DC Number (e.g. 6094)
- **Department number**: (Walmart DEPT number, e.g., 00013)
- **PO number**: 10 digits (ORDER #)
- **Carrier name** (if available)
- **BOL number** (if available)
- **Pro number** (if available)
- **# of cases on Pallet**

**NOTE** - 3rd party consolidators are **required** to submit an ASN with SSCC-18 barcode that will be used to identify each supplier PO and/or item that is included on the pallet.

**NOTE** - Specific networks may have additional pallet label requirements. Be sure to check with your network standards (e.g. DSDC, RX, etc.) for additional instruction.
Pallet Shipping Labels – Pallet Pull / PDQ

Pallet Pull and PDQ Display Pallet Labels

A pallet label is required when shipping unitized items to the Walmart Distribution and Fulfillment Centers. Walmart does not provide a template for this label or require a specific format for this label. It is the Suppliers responsibility to create the label.

The SSCC-18 barcode is the required barcode format for all pallet labels. In addition to the SSCC-18 barcode, the 14-digit case (orderable) GTIN is required on the pallet label only when the item is a full Pallet Pull or PDQ Display.

- Pallet labels are required on at least 2 adjacent sides of the pallet, preferred on the upper right corner. It is best practice to place the label between layers of stretch wrap.

### REQUIRED
- SSCC-18 Barcode in GS1-128 Format w/ appropriate application identifier
- 14 Digit Supplier Pack (Orderable) GTIN Barcode: ITF-14 and/or GS1-128 (w/appropriate application identifier) format

### RECOMMENDED
- Ship From Address: Suppliers address, city, state, zip code
- Ship To Address: Walmart DC address, city, state, zip code and Walmart DC Number (e.g. 6094)
- Department number: (Walmart DEPT number, e.g., 00013)
- Walmart Item number: (WMIT)
- Department number: (Walmart DEPT number, e.g., 00013)
- PO type: (PO TYPE, e.g., 0020)
- PO number: 10 digits (ORDER #)
- Carrier name (if available)
- BOL number (if available)
- Pro number (if available)
- # of cases on Pallet

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Pallet Placards

A pallet that requires a placard will also be required to meet the pallet label requirements. A placard is not a substitute for the pallet label.

The 14-digit case (orderable) GTIN is required to appear on the pallet label only when the item is a full pallet pull or PDQ display.

Items that require a pallet placard include:

- **PALLET PULL** - A palletized item that is shipped to store where the entire pallet is considered one case.
- **PDQ DISPLAY** - A pre-assembled display ready for the store floor.

- Program/Network Specific Items - Other items, such as shipments to the Grocery Consolidation Centers, annual event pallets, or MPP program pallets may require a specific placard in addition to these requirements. Follow additional requirements as needed.
- Placards must have bold lettering and be easy to identify as a pallet pull or PDQ display. These types of pallets are required to be labeled as shown below.
- **Required pallet placard size:** 8 1/2” x 11”.
- When required, the pallet placard is required on all 4 sides of each pallet.

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Item and PO Configurations

Unitized Loading by Item and PO
To facilitate the effective and accurate receiving of your product, follow the guidelines below.

Multi-Item Pallet
• You are **required** to load each item completely by layer.
• You are **required** to ensure the information clearly differentiates each case and is easily identifiable on each case.
• Use tier sheets to each item.
• **We recommend** using different font sizes and/or colors to help distinguish similar cases.

IN02000K34 IN01000K34
IN02003K34 IN01003K34

• Do not mix layers by column stacking multiple items.
• Do not place loose cases on top of the pallet.

Multi-PO Pallet *(Same PO Type- Staple Stock or Assembly)*
• You are **required** to load each PO completely by layer.
• You are **required** to label pallet as “Multi-PO.”
• Use tier sheets to separate each PO.
• **Do not** load staple stock and assembly POs on the same pallet.
• **Do not** load POs for multiple DCs on the same pallet.
• **Do not** place loose cases on top of the pallet.

**NOTE** - For Consolidation Centers, refer to the Consolidation Center Section.
This instruction is not applicable for Consolidation Centers.

These instructions are not applicable for Direct Store Delivery. Refer to the Direct Store Delivery Section.
Pallet Standards

Minimum Grade A Stringer Pallet Standards

• Full pallet 48” +/- .25 x 40” +/- .25”
  Partial four-way entry.
• Half pallet 48” +/- .25 x 20” +/- .25”
  for approved programs only.
• Quarter pallet 24” +/- .25 x 20” +/- .25”
  for approved programs only.
• Condition of the pallet is required to meet or exceed Grade A, 4-way, flush, and non-reversible specifications.
• Pallets are required to accommodate a standard pallet jack and/or forklift equipment with adequate top board spacing so forklift blades will not impact freight.
• Maximum spacing between each deck board is 4”.
• Must be of sound material, free of knots.
• Pallets are required to have a minimum of 7 top boards and 5 bottom boards (board minimum of 5/8” thick x 3.5” W) +/- 1/8” tolerance to board thickness and widths shown.
• Pallets are required to have 3 stringers (board minimum of 1.25” W x 3.5” H) +/- 1/8” tolerance to board thickness and widths shown.
• Oversized pallets are allowed only if the packaging size does not fit onto a standard 48” x 40” pallet without overhang. Oversized pallets must meet all other pallet requirements.

If only 1 dimension of your product is too large to fit on the standard 48” x 40” pallet footprint, you are allowed to grow the 40” width of the pallet to fit your product. The 48” standard pallet length and all other pallet quality standards are required to be maintained.

Odd-sized pallets are NOT ALLOWED when shipping through the Grocery Network. Product must ship on a standard 48” x 40” full pallet.

Wood Packaging Materials (WPM)

Global standards for Wood Packaging Material (WPM) address the proper treatment requirements for WPM shipped into Walmart. This document can be found on Walmart Retail Link by following the path below. Walmart supports the ISPM 15 wood packaging material requirements. All regulated wood packaging material shipped into Walmart must be properly treated by heat treatment or methyl bromide fumigation.

2,4,6 tribromophenol (TBP) is banned in the United States, Europe, and Canada. TBP is not a registered pesticide with the Environmental Protection Agency (EPA). Therefore, it is not legal for sale or use in the United States. TBP is not a recognized wood preservative by the American Wood Protection Association (AWPA).

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Alternative Pallet Materials

Walmart supports the use of alternative pallet materials such as plastic, metal, etc. Approval may require proof of structural capability and/or fire rating. All standard pallets must be edge rackable. Corrugated pallets are not acceptable to ship into the Walmart DCs.

The use of non-standard size or alternative material pallets must be approved by the Walmart Inbound Quality Senior Manager via logpkg@wal-mart.com.

Retail Link > Docs > W > Wood Packaging Material Requirements
**Pallet Standards, cont...**

**Stringer Wood Pallets Must Meet the Following Conditions:**

- Unsecured or broken deck boards across the width of the pallet are **NOT ALLOWED.**
- Missing wood from leading edge boards greater than 1.5” diameter is **NOT ALLOWED.**
- Pallets with exposed nails outside the perimeter of the pallet are **NOT ALLOWED.**
- Raised nails greater than 1/8” on any surface of the pallet are **NOT ALLOWED.**
- Partial footings are **NOT ALLOWED.** Partial footings occur when 1/4 of the stringer board width or length that connects it to a bottom board has been removed or when securing nail shanks are exposed in the stringer.
- Tapered breaks with a depth of 1” along a 10” or greater run are **NOT ALLOWED.** (If at the 10” distance the depth is less than 1”, the pallet is good. The pallet is unacceptable if the 1” depth runs the entire length of the board.)
- Stringers are preferred to be solid, unbroken, and without visible cracks on three sides longer than a 1” run. Weathering cracks that are not continuous and not visible from three sides are acceptable.
- Double stringers, patched boards, or metal repair plates are **NOT ALLOWED.**
- Pallets are not required to be bleached white but should be clean and odor free.
- Clean pallets are free of debris and stains, but discoloration due to aging is acceptable.
- Stapling, gluing, or taping PDQ displays or case layers to the pallet is **NOT ALLOWED.**
- Pallet restraining devices that penetrate trailer flooring are **NOT ALLOWED.**
- Pallets with broken, split wood and/or exposed nails are **NOT ALLOWED.** Missing or broken boards are **NOT ALLOWED.** Exposed splinters greater than 3” in length are **NOT ALLOWED.**

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Pallet Standards, cont...

Minimum Unbranded, 9 Block Pallet Standards
- Full pallet 48" +/- .25" x 40" +/- .25" - Full four-way entry
- Hard and soft wood lumber is required. Plywood is NOT ALLOWED.
- Full perimeter bottom base is required.
- Must be of sound material, free of knots.

Top deck:
- Minimum 2 lead boards are required (40" +/- .25" L x 5.5" +/- .5" W x .5" D)
- Minimum 5 interior boards are required (40" +/- .25" L x 3.5" +/- .5" W x .5" D)
- Minimum 8 total top deck boards are required

Top stringer board:
- 3 boards are required (48" +/- .25" L x 3.5" +/- .5" W x 1.5" D)

Bottom perimeter deck:
- 2 lead boards are required (40" +/- .25" L x 5.5" +/- .5" W x .688" D)
- 3 interior boards are required (37" +/- .25" L x 3.5" +/- .5" W x .688" D)

Blocks:
- 3 center blocks are required (3.5" +/- .25" L x 3.5" +/- .25" W x 3.5" +/- .25" H)
- 6 outer blocks are required (7.5" +/- .25" L x 3.5" +/- .25" W x 3.5" +/- .25" H)

Pallet Poolers
Walmart Suppliers have the option of leasing a pooled pallet from any number of service providers or purchasing a one-way white wood pallet. Walmart does not endorse or recommend any specific pallet manufacturer or pooling service. All pallets must meet or exceed the Grade A specifications.

Approved pallet poolers:
Pallet Standards, cont...

Block Wood Pallets Must Meet the Following Conditions:

- Pallets with exposed nails outside the perimeter are **NOT ALLOWED**.
- Raised nails greater than 1/8" on any surface of the pallet are **NOT ALLOWED**.
- Pallets missing greater than 1/3 of their blocks are **NOT ALLOWED**.
- Unsecured or broken deck boards across the width are **NOT ALLOWED**.

- No more than 2.5" allowed across half of length
- NO broken boards across width
- NO unsecured boards
- NO twisted blocks > 1/2"
- No more than 2.5" allowed across half of length
- NO unsecured boards
- NO broken boards across width
- NO vertical split blocks that move
- NO broken boards across width
Slip Sheet Requirements

Slip Sheet Requirements
Unitized loads shipped on slip sheets to Walmart Distribution Centers are allowed only under the conditions below.

- Slip sheets can be used for certain approved items when trailer cube utilization is a significant factor. If the item weighs out before it cubes out on a trailer, a pallet is required.
- Slip sheets are required to have 3” to 6” flaps.
- Slip sheet flaps are NOT ALLOWED to be wrapped under the pallet stretch wrap.
- Domestic slip sheet shipments require merchandise to be stacked on a 48” x 40” footprint with no overhang so the load can be placed on a 48” x 40” pallet and moved within the DC.
- The DCs will use slip sheet equipment to handle units that arrive on slip sheets. However, if the slip sheet is compromised or is of poor quality, be aware that clamping methods will then be used. These shipments will be subjected to side clamping forces that may expose the displays to damage not tested for during normal ISTA 3E testing protocols.
- Walmart requires the use of solid fiber slip sheets. Plastic slip sheets may be approved through the exception process by the Walmart Inbound Quality Senior Manager.

**NOTE** - The Walmart Inbound Quality Senior Manager for packaging must approve any products shipped on slip sheets prior to shipping at logpkg@wal-mart.com.

- Corrugated slip sheet is NOT ALLOWED. Solid Fiberboard is required.
- Slip sheet flaps are required to face outward from trailer or shipping container.
- Slip sheets that interlock with case are NOT ALLOWED.

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Tier Sheet Requirements

Use of tier sheets on unitized loads is acceptable to help aid in pallet stability.

• Tier sheets and a hybrid stacking pattern can be used to help improve pallet stability. An example of a hybrid stacking pattern would be the two bottom layers column stacked and the top layer interlocked.

• Tier sheets are required to have no overhang and no less than 1/2” underhang.

• Tier sheets need to have a solid surface. Materials with holes or other perforations that extend through the thickness of the material are NOT ALLOWED.

• Tier sheets are required between each layer of unsupported shrink pack items unless the pallet is a full pallet pull.

• Tier sheets are required to be comprised of solid fiber or corrugated materials. Plastic tier sheets may be approved through the exception process by your Walmart Inbound Quality Senior Manager.

**NOTE - The Walmart Inbound Quality Senior Manager for packaging must approve any alternative tier sheet materials prior to shipping at logpkg@wal-mart.com.**

• Tier sheets that do not meet required specifications will not allow for automated depalletization of product.
Double Stacking - Inbound to Walmart

Unitized Stacking - Inbound
When stacking merchandise using pallets and slip sheets, refer to the following diagrams which illustrate proper heights and widths when shipping inbound on a dry trailer with swing doors.

- **NOTE** - *96” is the maximum pallet height allowed when shipping to Walmart.*
- *85” is the maximum height when shipping a full pallet pull.*
- *Dept 4 Consumer Paper Goods allows maximum pallet height of 108”, single or double stacked.*

Double Stacking
Pallets may be double stacked in the trailer, providing the weight and/or height permits double stacking without risk to packaging or product integrity.

ISTA 3E testing is highly recommended on all unitized pallets or product with slip sheets.
Double Stacking - Outbound from Walmart

**Double Stacking - Outbound**
- Walmart will ship double stacked pallets in a trailer from DCs to stores.
- Product will be double stacked, possibly with heavy product on the top of the stack.
- Labeling of a pallet with “DO NOT DOUBLE STACK” or any similar verbiage is **NOT ALLOWED**.
- Product must be designed to double stack. Even if your product weighs out a truck, it will be double stacked somewhere in the supply chain.

**Lightweight Pallet**
(Individual pallet configurations weighing **under 750 lbs.**)
The bottom layer of the pallet is **required** to support an additional **1,500 lbs.** without crushing, bending, or tearing the merchandise or packaging throughout the entire supply chain process.

**Heavyweight Pallet**
(Individual pallet configurations weighing **over 750 lbs.**)
The bottom layer of the pallet is **required** to support an additional **2,500 lbs.** without crushing, bending, or tearing the merchandise or packaging throughout the entire supply chain process.

Individual pallet load weight greater than **2,500 lbs.**, including pallet, is **NOT ALLOWED**.

1,500 lbs.  Maximum weight stacked on top of lightweight pallets

2,500 lbs.  Maximum weight stacked on top of heavyweight pallets

Lightweight pallets **up to 750 lbs.** required to support an additional **1,500 lbs.**

Heavyweight pallets **over 750 lbs.** required to support an additional **2,500 lbs.**
Unitized Stacking

There are 2 main types of pallet stacking configurations. The pallet pattern chosen will depend on the individual tray/case design and material selection. Ship testing should be conducted to determine the most suitable pallet stacking pattern.

Creating layers that are not rectangular in shape, have gaps/holes in the center, or that are inconsistent in height across the layer are NOT ALLOWED. For shipments into any automated facilities, layers are required to be consistent. For instance, if you choose to use a tier sheet between any layers of your pallet, all layers will require the use of a tier sheet. For additional details and/or requirements, refer to other sections within Supply Chain Standards that may be applicable to where you are shipping your product.

- Staple stock items are required to be palletized. All other items are preferred to be palletized.

**NOTE - Dept. 4 Suppliers only are not required to palletize staple stock items.**

Column Stacking

- Column stacking is best for strength but is less stable than interlocking.
- Column stacking is the most common stacking pattern and is required for items that have a square footprint (i.e. length = width).
- When stacking in columns, make sure that all boxes are properly aligned.
- If boxes are misaligned by as little as 1/2” (1.27 cm) in a three stack arrangement, stacking compression performance will drop by as much as 29%.
- Consider the use of tier sheets to help improve pallet stability when column stacking is used.
- Regardless of stacking configuration, unitized pallet loads must be able to be handled and remain stable without wrap or corner boards.
Unitized Stacking, cont...

Interlock Stacking

- Interlocking pallet patterns are more stable than column stacking. Each layer is arranged in opposing directions and boxes do not align, resulting in reduced compression strength.
- The four corners of the container do not all align; three of the four sides rest on the side panel of the container below. This type of stacking results in a 45% to 55% loss in compression strength.

Hybrid Stacking

- Hybrid pallet patterns combine elements of both column stacking and interlock stacking patterns to gain the benefits that may be seen within both designs.
- A common type of hybrid stacking is called the 60/40 rule, where the bottom 60% of the pallet uses column stacking and the top 40% uses interlock stacking
- In the example below, we see a 90% increase in compression strength using a hybrid stacking pattern.
- Walmart recommends the use palletization software to analyze your pallet loads.
- Corrugated suppliers can often help with this analysis if you do not have in house capability for this.
Unitized Shipments

Unitized Bagged Products
Bagged products such as dog food, potting soil, and fertilizer are **required** to be layered on pallets with no overhang. These unitized loads are **required** to have separation between the product and the pallet. A 4” tall tray around the bottom two layers using a minimum of 200 lb. corrugated material is recommended. If it is not possible to use a tray, a slip sheet or tier sheet may be used as a barrier between the pallet and product. If the product is affected by moisture or high humidity, a moisture resistant material is **required**. Layers are **required** to be stacked using the interlocking method to provide stability.

Palletized Height and Loading
- When shipping merchandise on pallets, your first concern should be cubing out the trailer as long as the items can support the weight.
- For GM, dry grocery, and perishable products, the total pallet height is **NOT ALLOWED** to exceed 96” (single stack or double stack). Dept. 4 only is **NOT ALLOWED** to exceed 108” (single stack or double stack).
- Pallets are **required** to be unitized with the same case count per layer (TI) that matches the Pallet TI field in Walmart’s Item File.
- When freight is ordered in full pallet quantity, the layers per pallet (HI) are **required** to match the Pallet HI field in Walmart’s Item File.

Suppliers are **required** to properly block and brace all shipments to withstand the rigors of transportation from their ship point location to the DC. Cases are **required** to be secured to pallet with stretch wrap. Gluing or taping layers of cases together is **NOT ALLOWED**. Gluing or taping layers of cases to layers above or below on the unitized load is **NOT ALLOWED**. Gluing or taping layers of cases to pallet is **NOT ALLOWED**.

**NOTE** - When shipping into the eCommerce network, common slot sizes are 50”, 70”, and 108” in height. It may help to consider how your pallet height fits within these slots.

**NOTE** - Excess debris and dunnage on pallet is **NOT ALLOWED**.

### Pallet Overhang and Underhang

**Overhang and underhang can lead to damaged product and an underutilized trailer cube.**

**Pallet overhang** - When merchandise is placed on pallets, ensure there is no freight overhanging the edge of the pallet. Merchandise is **required** to fit within a 48” x 40” pallet footprint. Pallet overhang is **NOT ALLOWED**.

Oversized pallets are allowed only if the packaging size does not fit onto a standard 48” x 40” pallet without overhang.

Overhang not to exceed 2” on any side of the pallet is allowed for Dept. 4 only.

**Pallet underhang** - Should be minimized to support the unitized load.
Unitized Shipments, cont...

Palletized Consistency Requirements

Pallets are required to ship to Walmart with consistent layer height, case orientation and in a configuration that matches the Ti-Hi that is published to Item 360 for your specific item. When developing a Ti-Hi, the use of a Chimney Gap, or other gaps in the pallet footprint, is NOT ALLOWED.

Produce items that require unrestricted airflow must be secured to pallet with ventilated stretch wrap and/or corner boards with plastic banding. The use of plastic banding for all other refrigerated/frozen products is NOT ALLOWED. Please review the Produce Shipments section of these standards for pallet building requirements for produce items.

Fiber Corner Boards

In order to increase recyclability, we strongly encourage the use of corner boards made of 100% plastic or 100% fiber. Mixed material corner boards such as composite or those with a metal or plastic interior and fiber exterior cannot be recycled from our DCs and stores.

- Can be unwrapped (natural fiber) or wrapped (white).
- Prefer no logos or other colors.
- Can be polycoated.
- Metal or composite materials are NOT ALLOWED.
- Gluing, taping, or any other method of fastening the corner boards to the pallet and/or cases is NOT ALLOWED.
- Suppliers have the responsibility to ensure length, width, and thickness of corner board is designed to properly protect and support the product.
- The use of corner boards on refrigerated/frozen products is NOT ALLOWED, with the exception of produce and fresh egg products. Please see the Produce Shipments and/or Egg Pallet Build sections of these standards for these items.
PDQ Display – General Pack-Out

PDQ Display Pack-Out

- Do not stack heavy products on top of light products. Product must be stacked properly to avoid damages.
- Stacked product that is leaning or unstable on the pallet is **NOT ALLOWED**.
- Product cannot be configured on the pallet such that it falls over when moved with a forklift or when the stretch wrap is removed while in the DC racks.
- Edge protectors can be used for additional protection from banding as needed.
- A pallet shroud is **required** for palletized PDQ displays.
- The shroud height for a top cap style shroud is **required** to be the exact height from floor to the top of the display. Leaving air space between the display and shroud can cause collapse during shipment.
- Shrouds are **required** to withstand clamping up to a maximum of 2,500 psi. Direct imports are susceptible to pallet clamping.
- Stretch wrap is **required** to keep all display components secure during shipping.
- Plastic straps are **required** to secure display and shroud to pallet. Metal bands are **NOT ALLOWED**.
- Four fiber corner boards are **required** for additional double stacking strength. Corner boards can sit on top of the pallet or extend to the floor.
- Properly sized pallets are **required** to allow movement of the PDQ display throughout the DCs.
PDQ Display – Approved Shipping Shroud Types

**PDQ Shrouds**

- Standard pallet sized shrouds are **required** to be a 2-piece or 3-piece top cap shroud.
- Quarter pallet and half pallet displays may use the shroud style that works best for the intended display.
- Quarter pallet and half pallet displays are allowed for approved programs only.

**Acceptable shroud styles**

- **2-piece - HSC shroud**
  - Constructed using 2 pieces, two side walls with taped top flaps.

- **2-piece - Top cap shroud**
  - Constructed using 2 pieces, top cap and 1-piece wall.

- **3-piece - Top cap shroud**
  - Constructed using 3 pieces, top cap, and 2-piece walls.

**Unacceptable shrouds**

One-piece shroud with a flat top sheet. **Does not have double stacking strength.**
PDQ Display – Shipping Options

Fully Shrouded Displays Under 50 lbs. in Weight

- A fully shrouded display may ship on its own pallet or be combined onto a full size, standard 48” x 40” pallet. Strap the shrouded display, with its own corner boards applied to the front and back of the shroud, to the pallet.

Multiple Pallet Display

- Two half pallet or 4 quarter pallet fully shrouded displays may be shipped on a single standard 48” x 40” master pallet.
- Each display is required to be individually shrouded.
- A bottom cap is required to be used to allow easy removal from the master pallet at the DC.
- Each shrouded display is required to be individually labeled.
- Each individual display is required to have four corner boards applied.
- Each individual display is required to have a minimum of two plastic straps to secure the shroud to the top and bottom caps of the display.
- Individual displays are required to be placed on the master pallet, stretch-wrapped together, then strapped to the master pallet.
- A “Master Pallet” placard is required to be placed on the outside of the stretch wrap on all four sides of the pallet.
- Quarter pallet and half pallet displays may be placed on a wooden quarter pallet or half pallet before being placed on a standard 48” x 40” pallet only if the total palletized height is 48” or less.

Fully Shrouded Displays over 50 lbs. in Weight

- A fully shrouded half pallet or quarter pallet display over 50 lbs. in weight is required to ship on its own pallet.
- Stacking 2 half pallet or 4 quarter pallet displays next to each other on a master 48” x 40” pallet is NOT ALLOWED if the total height of the displays and pallet is over 48” in height.
- No bottom cap is required for the display when it is strapped to an individual pallet.

**NOTE -** Quarter pallet and half pallet displays are allowed for approved programs only.

**NOTE -** When displays are separated at the DC, they may be laid on their sides as they are loaded onto trailers. If the display must remain upright to prevent damage, it is required to ship on its own pallet and be marked with “This side up” and appropriate directional arrows.
Stretch Wrap

**Stretch Wrapping**

Merchandise placed on pallets or slip sheets is **required** to be stretch-wrapped to contain and prevent damage during shipping. Stretch wrap specifications are based on the containment force requirements outlined below.

- When stretch wrap equipment is unavailable, stretch wrap must be top quality and a minimum of 80 gauge, 15” wrap.
- Wrap from the bottom of the pallet upwards in an overlapping pattern.
- Ensure the bottom layer is double wrapped. Double wrap while overlapping every 2-4 inches. Covering pallet fork entry holes with stretch wrap is **NOT ALLOWED**.
- Pallet labels may be secured between or on the outside of stretch wrap layers.
- Colored stretch wrap is **NOT ALLOWED**. Exceptions may be given to support special events. Black corrugated or black stretch wrap is **NOT ALLOWED**.
- Netting and twine for pallet containment is **NOT ALLOWED**.
- Using more than 10 layers of stretch wrap is **NOT ALLOWED**.
- Stretch wrap tails are **NOT ALLOWED**. The end of the stretch wrap is **required** to be pressed firmly against the unit load.
- Ventilated stretch wrap is allowed as needed for product.
- Cases are **required** to be secured to the pallet with stretch wrap.

**Containment Force**

- Containment force is the amount of force the wrap exerts on a load in order to hold it together for the duration of the shipping process.
- Containment force is the only consistent measurement that can be taken regardless of the gauge of wrap, manufacturer of wrap, or wrapping method (type of equipment used vs. hand application).
- This is the most important measurement to monitor when down-gauging or converting to or qualifying new wraps. The containment force is **required** to be held to a consistent number, appropriate for the load, in order to ensure that the product is delivered to its destination in good condition.
## Trailer Loading

### PO Trailer Separation
All pallets that belong to the same PO must be kept together throughout the trailer. Always load staple stock purchase orders items in the nose of the trailer and Distribution Assembly (DA) purchase orders items on the tail of the trailer. Overweight axle concerns may prevent some pallets from being separated by PO. It is the responsibility of the Supplier to ensure that trailer is loaded in compliance with DOT regulations.

**All PO types are required to be separated on the trailer with truckload shipments. PO types cannot be mixed within the trailer or on the same pallet.**

PO pallet trailer configuration *(colors represent different POs)*

- **CORRECT**
  - Pallets of the same PO/items are kept together in the trailer.

- **INCORRECT**
  - Pallets of the same PO/items are mixed throughout the trailer.

### Item Trailer Separation
All pallets of the same item, PO, and PO Type are required to be kept together throughout the trailer. Overweight axle concerns may prevent some pallets from being separated by item. It is the responsibility of the Supplier to ensure that trailer is loaded in compliance with DOT regulations.

**PO separation is 1st priority, item separation is 2nd priority.**

DSV Suppliers see the DSV section for specific BOL requirements for your shipments.

Item pallet trailer configuration *(colors represent different POs)*

- **CORRECT**
  - Pallets of the same PO/items are kept together in the trailer.

- **INCORRECT**
  - Pallets of the same PO/items are mixed throughout the trailer.
## Trailer Measurements

<table>
<thead>
<tr>
<th>53 ft. swing door dry van 636” L x 102” W x 110” H</th>
<th>53 ft. rollup door dry van 636” L x 102” W x 108” H</th>
<th>48 ft. rollup door 576” L x 99” W x 108” H</th>
<th>53 ft. swing door reefer 636” L x 102” W x 110” H (up to 3 reefer units)</th>
<th>53 ft. rollup door reefer 636” L x 102” W x 108” H (up to 3 reefer units)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max loadable internal space 630” L x 96” W x 104” H</td>
<td>Max loadable internal space 626” L x 96” W x 98” H</td>
<td>Max loadable internal space 566” L x 93” W x 98” H</td>
<td>Max loadable internal space 628” L x 96” W x 104” H</td>
<td>Max loadable internal space 624” L x 96” W x 98” H</td>
</tr>
<tr>
<td>Floor stacked - <strong>3,640 cubes</strong></td>
<td>Floor stacked - <strong>3,408 cubes</strong></td>
<td>Floor stacked - <strong>2,985 cubes</strong></td>
<td>Floor stacked - <strong>3,608 cubes</strong></td>
<td>Floor stacked - <strong>3,377 cubes</strong></td>
</tr>
<tr>
<td>Single stacked - <strong>26 pallets</strong></td>
<td>Single stacked - <strong>26 pallets</strong></td>
<td>Single stacked - <strong>22 pallets</strong></td>
<td>Single stacked - <strong>26 pallets</strong></td>
<td>Single stacked - <strong>26 pallets</strong></td>
</tr>
<tr>
<td>Double stacked - <strong>52 pallets</strong></td>
<td>Double stacked - <strong>46 pallets</strong></td>
<td>Double stacked - <strong>38 pallets</strong></td>
<td>Double Stacked - <strong>49 pallets</strong></td>
<td>Double Stacked - <strong>43 pallets</strong></td>
</tr>
<tr>
<td><strong>Pinwheel</strong></td>
<td><strong>Pinwheel</strong></td>
<td><strong>Pinwheel</strong></td>
<td><strong>Pinwheel</strong></td>
<td><strong>Pinwheel</strong></td>
</tr>
<tr>
<td>Single stacked - <strong>28 pallets</strong></td>
<td>Single stacked - <strong>28 pallets</strong></td>
<td>Single stacked - <strong>24 pallets</strong></td>
<td>Single stacked - <strong>28 pallets</strong></td>
<td>Single stacked - <strong>28 pallets</strong></td>
</tr>
<tr>
<td>Double stacked - <strong>56 pallets</strong></td>
<td>Double stacked - <strong>50 pallets</strong></td>
<td>Double stacked - <strong>42 pallets</strong></td>
<td>Double stacked - <strong>53 pallets</strong></td>
<td>Double stacked - <strong>47 pallets</strong></td>
</tr>
</tbody>
</table>

### 48” wide load

| Single stacked - **30 pallets** | Single stacked - **30 pallets** | Single stacked - **26 pallets** | Single stacked - **30 pallets** | Single stacked - **26 pallets** |
| Double stacked - **60 pallets** | Double stacked - **54 pallets** | Double stacked - **46 pallets** | Double stacked - **54 pallets** | Double stacked - **46 pallets** |

### 96” maximum height

- [Diagram of 96” maximum height](image)
- [Diagram of 96” maximum height](image)
- [Diagram of 96” maximum height](image)
- [Diagram of 96” maximum height](image)
- [Diagram of 96” maximum height](image)
Trailer Load Patterns

Use one of the suggested loading patterns to reduce air space and freight damage.

26 pallet load pattern

30 pallet load pattern

28 pallet load perpendicular pattern

28 pallet load pinwheel pattern

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Packing Slips and Global Location Number (GLN)

Packing Slip

A packing slip is required for use:

- LTL shipments - If shipping LTL, a packing slip is required to be attached to the outside of one case for each purchase order.
- Full Truckload shipments to the eCommerce Fulfillment Centers and the Grocery Distribution Centers.
  - Required to be attached to the outside of the last box loaded on the trailer.
  - Required to face outward on the pallet or box in clear view of the unloader.
- A second packing slip is required be made available to the carrier with the BOL and the freight bill for presentation at the warehouse transportation office.

A packing slip is not required for use:

- Full Truckload shipments to the Regional and Fashion Distribution Centers.
- Small parcel shipments.

The following information is required on packing slips:

- PO number
- Location number (store or DC number)
- Department number
- Shipper’s name and address
- Supplier stock number and/or Walmart item number
- Case count per item
- Total case count shipped

Guidelines for GLN Address Information

The following Ship To addresses will be used for all US and Canada PO shipments to Walmart DCs. The cross-reference table to the right identifies the Walmart PO type associated with the actual delivery address that must be used on all BOLs and shipping labels.

Address information is available via EDI (816) or Walmart Retail Link.
For EDI updates, contact the Help Desk at 479-273-8888.
Retail Link > Tools > Store/Club/DC & GLN Lists

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Bill of Lading (BOL)

BOL Requirements
A separate BOL is required to be filled out for each delivery address (GLN Address Line 2). All PO numbers are required to be listed on the BOL with the appropriate location number (DC number), PO type, and department number, with total cases by PO. Use supplemental pages for additional PO if needed. In order to eliminate any delays in timely processing, proper delivery, and segregation of these shipments, the GLN address information is required to be used on the Ship To Address.

For LTL shipments, multiple PO types shipped from the same origin ship point to the same DC on the same day can be listed on the same BOL.

The Ship To address used should be Walmart DC 60XXG-GENERAL.

The BOL must show the proper classification description as stated in the National Motor Freight Classification tariff and list all POs being shipped and the number of cases for each PO.

When carrier drivers sign a BOL, they are signing for a specific number of shipping units (cases, floor load pieces, or pallets), not single selling units. You must record the quantity of shipping units and all PO numbers on the BOL. If the shipment is palletized, drivers are to sign for the number of pallets, not the number of cases or pieces.

Handwritten corrections on the BOL are NOT ALLOWED.

POs for the same Walmart DC address should be shipped on one BOL. At many Walmart facilities, distribution and staple stock POs have different addresses. Freight delivered to one of these split-address locations must be shipped on separate BOLS. If there are multiple POs on a truckload shipment, each PO must be loaded separately. A master BOL must be used when shipping to a Walmart center point or consolidator.

- The BOL must have the carrier name and pro number. If a trailer number is available, include it on the BOL. If Walmart is to pay freight charges, the BOL must be marked “Collect.”
- If a Walmart load number is available, it must be on the BOL in the SID field.
- The Must Arrive By Date (MABD) should be specified on the BOL (Must Deliver By Date) field so that the carrier clearly understands the delivery date expectation.
- For BOLs that have multiple POs and different MABDs, the earliest MABD should be specified.

Walmart eCommerce makes use of multiple 3PL providers within its fulfillment center network. All 3PL fulfillment centers within the Walmart.com network have a Walmart store number that will be included on all routing instructions for collect freight to these FCs. When filling out bills of lading for loads going to these facilities, vendors should fill out the consignee field on the BOL to match the destination as it appears on the routing instructions received from Walmart.com.

For collect shipments, failure to indicate correct consignee name and address, freight terms, Walmart load number, and PO numbers may result in chargebacks to the Supplier.

VICS BOL Example
Our long-term strategy is to support implementation of the VICS Standard BOL. For more information go to www.gs1us.org.

BOL Required Information
- Ship from address
- Ship to address
- Consignee ID # (CID) - Imports Only
- BOL number
- Payment terms for freight charges
- Check box when using master BOL
- 10-digit PO number
- Number of Cases
- Weight of Cases
- 4-digit PO type
- 5-digit department number
- Indicate if product is unitized (pallets or slips)
- 5-digit destination number (WM facility number)
- Trailer seal number
- Unit and commodity information
- General description of the product
- National Motor Freight Classification item number
- NMFC freight class
- Shipper’s signature protecting consignee default
- Carrier’s signature indicating receipt of product listed on BOL on specified date
- Select party that counted freight
- Select party that loaded freight
- Shipper’s signature indicating BOL accuracy
- Must Arrive By Date (MABD = Expected DC delivery/arrival date)
- Set Temperature for temperature-controlled trailers

BOL Optional Information
- Shipment ID # (SID # - Walmart load # if available)
- Carrier information numbers: Trailer, SCAC, and Pro
- Provide any additional details or comments.

DSV suppliers see the DSV section for specific BOL requirements for your shipments.
Advanced Ship Notice (ASN)

ASN is the Electronic Data Interchange (EDI 856) notification used to inform Walmart about the contents of a shipment prior to delivery.

ASN Benefits

For Walmart
- Better labor planning for advanced visibility to incoming freight.
- Improved receiving efficiencies with fewer freight problems to reconcile.
- Better inventory management.
- Reduced manual processing.
- Source traceability of recalled products.

For Supplier
- Improved invoicing accuracy and quicker payment, leading to faster turnaround of trailers.
- Better OTIF performance.
- Reduced manual processing and paperwork.
- Auto PO Update – Reduction in manual PO change forms reviewed/processed and quicker re-ordering of shorted goods to drive in-stock.

ASN Onboarding

Pre-onboarding requirements
- Valid Walmart Retail Link ID must be connected to the Supplier number being onboarded.
- Validate GTINs and ensure data is current and synchronized between Supplier and Walmart item file.
- Review Walmart ASN specifications document and complete mapping of data elements from your current system.

Onboarding
- Complete 856 and 824 testing in Vendor Self-Test Portal.
- Reach out to EDI or ASN onboarding team to move the TP from testing into production.
- Send ASN for active PO and follow response on the EDI 997 Functional Acknowledgments and EDI 824 Application Advice.
- Review and correct possible errors.
- Contact EDI Helpdesk or ASN Onboarding Team with questions.
- Transmit ASNs for all sequences and departments shipping to the DC.

Supplier Resources

EDI support
- For questions, contact EDI Supplier Support at 479-273-8888.
- Open a ticket under the Supplier self service app on Retail Link.
- For Produce Traceability Initiative (PTI) questions, reference www.producetraceability.org

EDI 856 specification:
Retail Link > Apps > E > EDI-B2B
Inbound Appointment Scheduling

All inbound product deliveries made to a Distribution Center should have a scheduled delivery/appointment. The DC Appointment Scheduler application is a web-based application used by Suppliers, carriers, and DC associates for managing inbound deliveries. The scheduler application allows users to view and modify delivery appointments based on each user’s profile.

Appointment Compliance

All Suppliers are expected to meet our appointment compliance requirements. Maintaining high appointment compliance has mutual benefit for Walmart, Suppliers, and Carriers, including:

- Better labor planning through advanced visibility to incoming freight.
- Improved gate-in and receiving efficiencies.
- Reduced manual processing, paperwork, and rework.
- Improved inbound capacity and availability.

Appointment Compliance Expectations

Appointment Accuracy

The following information is required to be updated and accurate in DC Scheduler prior to the load’s arrival at the DC:

- SCAC (Standard Carrier Alpha Code) - The appointment is required to have a valid SCAC that matches the carrier that will be delivering the load.
- POs Numbers on the Load - All POs delivered on the load are required to be included on the appointment with valid Walmart PO numbers.
- Case Count - The appointment is required to reflect the correct number of cases on the load by PO.

Appointment On-Time

- Loads are required to gate in on-time per the scheduled appointment.
- A delivery is required to be rescheduled prior to the appointment time if there is a known delay.

Supplier and Carrier Resources

Scheduler Support - For questions regarding DC Scheduler functionality or system issues, contact dcschadm@wal-mart.com.

DC Scheduler Training and User Guides - Retail Link > Academy > Ordering & Replenishment > Scheduling DC Appointments > DC Appointment Scheduler

Additional Resources and Guidance - Retail Link > Academy > Ordering & Replenishment > Scheduling DC Appointments > Inbound DC Scheduling
Product Packaging

Certain product types require additional packaging standards to help ensure as damage-free a transit as possible.

Tabletop Packaging
- Handling warnings such as Fragile, Handle With Care, No Clamp, and stacking limits must be printed on the shipping case.
- Up Arrows are required to indicate stacking and handling directions.
- Cases containing individual dishware are required to be constructed with a burst strength that allows a 5-foot stack height.

Furniture Packaging
- Arrows indicating stacking and handling directions are required to be printed directly on the shipping case.
- Handling warnings such as Team Lift are required to be printed on the case.
- When products are packed in multiple cases, each case is required to indicate Box 1 of 2, Box 2 of 2, and so forth.
- The case is required to be constructed with a burst strength that allows a 5-foot stack height in the warehouse.

Large TVs, All-in-One Computers, and Monitors Packaging
Due to their very fragile nature, large electronics such as computers, TVs, and monitors require special packaging to ensure safe transit through the transportation network.

- We strongly recommend double-boxing all large electronics by placing the manufacturer’s box in another, slightly larger box.
- UP Arrows indicating stacking and handling directions are required to be printed on the shipping case.
- Large-screen TVs require 3 sets of UPC-S/N labels. One set to be located on the short side, one set on the large side, and one set on the top to meet in-store requirements.
- Large-screen TVs are required to ship on a pallet sized appropriately to accommodate them with no overhang and no more than 1” of underhang. The pallet size must maintain the build style of a standard, 4-way Grade A 48” x 40” pallet. The 48” length is required. The 40” width is allowed to grow as needed to accommodate the TV packaging.
- Large-screen TVs are required to pass a Walmart-specific TV test protocol. Suppliers can obtain a copy of the required test protocol on Retail Link > Academy > Ordering & Replenishment > Shipping, Routing, Packaging, Labeling > Transit Testing.

Optimize Design
Get credit for improving your packaging by joining Project Gigaton.

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Fragile Product Packaging

Fragile Merchandise Packaging
Glass, ceramic, and fragile items are required to be properly packaged to minimize the risk of damage throughout the supply chain. Cases may encounter heavy compression and vibration during transportation and on a DC conveyor and automation system.

Packaging Requirements
- See the following page for tray specifications for glass or ceramic bottles/jars shipped in trays.
- Plastic film is required to fit tightly around the tray to minimize movement.
- Pack dimensions with an aspect ratio (height/width) greater than 1.6 are required to ship in a full-corrugated case and will be automation ineligible.
- All cases containing fragile merchandise are required to be clearly marked with a graphic icon depicting the fragility of the merchandise.

Protective Packaging Options
- Corrugated dividers or partitions are strongly preferred to eliminate glass-on-glass contact and prevent breakage.
- Use of protective coating on the glass container or bottle is preferred.
- Padding on the bottom of the case must be sufficient to protect against bottom tray wear during conveyance.

Ship Testing
Suppliers are required to conduct a Food & Consumable 3A ship test for multi packs of glass or ceramic bottles and jars to ensure adequate packaging protection.
- Suppliers can obtain a copy of the required test protocol on Retail Link > Academy > Ordering & Replenishment > Shipping, Routing, Packaging, Labeling > Transit Testing.
- Send a copy of your passing ISTA ship test to ISTAtesting@wal-mart.com.
- The test above must be conducted before requesting a test shipment through the Walmart DC.

Do not over pack or reinforce packaging during your ship test. Ship exactly how you intend to ship to the Walmart DC.

Sustainability goals should not compromise the packaging needed to protect the product throughout the supply chain.

NOTE - Glass packaging shipping through the eCommerce network must pass eCommerce shipping standards. See General Requirements for more detail.
Fragile Product Packaging, cont...

Glass/Ceramic Shrink-Wrapped Tray Guidelines

Glass bottles or jars that are shipped to Walmart in shrink wrap plastic are **required** to be shipped in a corrugated tray to help prevent damage. Cases may be contained with shrink wrap as long as the mil (thickness) can withstand abrasion, stacking, or protrusions encountered in normal handling, conveying, loading, and unloading. Corrugated trays are used to help with automation and conveyance through our distribution centers. The tray will help contain products and protect them from damage that occurs during conveyance and induction into automated facilities.

Packaging Requirements

- The case base and top are **required** to be continuous flat surfaces.
- Corrugated trays are **required** to have a minimum 3” high side wall, or to extend beyond the largest diameter of the bottle, whichever is smaller.
- Plastic shrink film is **required** to fit tightly around the case with no loose ends.
- Pack sizes with an aspect ratio (height/width) greater than 1.6 are required to ship in a full corrugated case and will be automation ineligible.
- Product shipped in trays is **required** to be weight bearing.
- Corrugated or paperboard dividers are recommended between glass items.
- Pack configurations with an aspect ratio greater than 1.6 will be automation ineligible.
- Transparent film is preferred.
- See Case Quality, Shrink Wrap Items section of these standards for guidance on window/cutout allowances for trays.

Example Bottle Types

![Example Bottle Types](image)

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Apparel Packaging

This page provides standardized packaging guidelines for apparel items, enabling accurate shipping of product through the Fashion Distribution Centers (FDCs). This instruction applies to replenishment orders that flow through the FDC’s only. Initial set items and eCommerce items are out of scope.

Apparel Carton Sizes

Cartons shipping into our Fashion Distribution Centers will be received and sorted on equipment that is unique within our distribution system. The size of shipping cartons into our FDC’s are required to fit within the following size constraints:

<table>
<thead>
<tr>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>6.4” (163mm)</td>
<td>5” (127mm)</td>
<td>2” (51mm)</td>
</tr>
<tr>
<td>Maximum</td>
<td>36” (915mm)</td>
<td>24” (610mm)</td>
<td>16” (406mm)</td>
</tr>
</tbody>
</table>

Shipping cartons that are closest to the maximum dimensions shown will improve the efficiencies of our distribution centers and are more desirable. Cartons should be designed to maximize these efficiencies whenever possible.

Inner Pack – Apparel Packaging

Similar to shipping cartons, apparel inner packs should be designed to maximize the efficiencies of our unique equipment whenever possible. Apparel items should be folded and placed into a polybag with the following maximum dimensions:

<table>
<thead>
<tr>
<th>Length</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maximum</td>
<td>19” (483mm)</td>
<td>17” (432mm)</td>
</tr>
</tbody>
</table>

- Inner packs are preferred to have the hangers completely enclosed within the polybag.
- Internal packs are NOT ALLOWED to be attached to the interior of the carton in any way.

Vacuum Sealed Inner Packs

Vacuum Sealed Packs are required to maintain all of the same size and marking standards as inner packs in standard poly bags.

Inner Pack - Markings

Barcodes are required to be UPC-A
- Barcode may be pre-printed to polybag or applied via label.
- Hangtags are required to be visible through the polybag.
Shoe Packaging and Labeling

This section provides standardized packaging guidelines for shoe Suppliers, enabling accurate shipping of product through the Fashion Distribution Centers (FDCs).

**Shoe Run Assortment**
- Assortment shipping cases for shoes are required to include the size run marking on at least one of the long sides of the shipping case.
- A printed size run is required. The size run consists of a horizontal row indicating the sizes inside the case (starting with the smallest size on the left and ending with the largest size on the right).
- Below the first row is a second horizontal row indicating the number of pairs for each size listed above. **Exception:** If a shipping case contains multiple size runs, the Supplier does not print the size run marking on the shipping case.

**Shoe Carton Physical Requirements**
- Shoe Cartons are required to meet the minimum material standards as shown below.
- Cartons should fit within the maximum physical weights and dimensions as shown below.
- If you are not able to meet the size requirements as shown, please reach out to the Senior Packaging Manager for approval at logpkg@wal-mart.com.

**BURSTING STRENGTH**

<table>
<thead>
<tr>
<th>Outer Carton</th>
<th>Shoe Box</th>
</tr>
</thead>
<tbody>
<tr>
<td>450 P - ≥ 7.5 kg/cm²</td>
<td>500 P - ≥ 8.0 kg/cm²</td>
</tr>
<tr>
<td>More than 500 P or Corrugated Carton ≥ 8.8 kg/cm²</td>
<td>Refer to Corrugated Board Section of these Standards.</td>
</tr>
</tbody>
</table>

**MAX DIMENSION / WEIGHT**

<table>
<thead>
<tr>
<th>Outer Carton</th>
<th>Max Dimensions</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>36” L x 24” W x 16” H</td>
<td>915 mm x 610 mm x 407 mm</td>
<td>50 lbs</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shoe Box</th>
<th>Max Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>18” L x 14” W x 7” H</td>
<td>457 mm x 356 mm x 178 mm</td>
</tr>
</tbody>
</table>
Shoe Packaging and Labeling - Inner Pack

This page provides standardized packaging guidelines for shoe Suppliers, enabling accurate shipping of product through the Fashion Distribution Centers (FDCs).

Inner Pack - Shoe Packaging

1. Plain brown corrugated box (the preferred package)
   - These boxes are **required** to adhere to the minimum and maximum unit specifications shown on this page.
   - Each individual box is **required** to be properly sealed on both ends and have an air hole punched in two sides where one of the holes must be accessible when the master case is opened. Holes are used to help remove the inner box from master case.
   - Case packs should be packed for easy removal of product without tearing of cardboard, sealing tape, or otherwise damaging the barcode or exposing the pair inside the inner box.
   - With box placed on the lowest center of gravity, barcode labels should be centered on the lower edge of side facing the direction of travel. The side facing the direction of travel is usually the side measuring the least width.

2. Poly bags must meet the following guidelines:
   - Bags are **required** to fit tightly around the item with no excess plastic and be sealed securely to ensure product does not fall out of the poly bag.
   - Bags should be opaque and not highly reflective.
   - Shoes are **required** to be positioned in the bag in a manner that creates a flat surface on at least one side, allowing pairs to properly travel both powered and gravity conveyors and automation systems.
   - A piece of chipboard placed under the shoe may be necessary to create a flat surface.
   - Barcode labels are **required** to be centered on top of bag and work best when placed perpendicular to the direction of travel.

3. Anti-Mold Labels
   - Anti-mold technology stickers are **required** to be placed on the inside of the polybag facing the shoes when chipboard is not used
   - When chipboard is used, anti-mold technology stickers are **required** to be placed on the side of the chipboard that faces the shoes.

4. Examples of vendor pack/warehouse pack
   - Packed 6/1 - Vendor must pack each pair individually. There will be 6 poly bags with 1 pair in each poly bag.
   - Packed 6/2 - Vendor must pack 2 pair in each poly bag. There will be 3 poly bags with 2 pair in each poly bag.

Unit Specifications

<table>
<thead>
<tr>
<th></th>
<th>Length</th>
<th>Width</th>
<th>Height</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum</td>
<td>6”</td>
<td>4”</td>
<td>2”</td>
<td>6 ounces</td>
</tr>
<tr>
<td>Maximum</td>
<td>18”</td>
<td>14”</td>
<td>7”</td>
<td>7 pounds</td>
</tr>
</tbody>
</table>

**NOTE** - There is no tolerance on the maximum height.

Unacceptable poly bags are dry cleaner bags and import poly bags made from polypropylene, referred to as PP.

Inner Pack - Barcodes

Barcodes are **required** to be EAN-13 printed on a 1” x 2” label
- a. 15 mil bar height .625”
- b. Pattern length 1.48”
- c. Examples of barcode placement

- Barcode on side of least width on plain craft box
- Barcode bottom left edge on standard shoebox
- Barcode centered on poly bag, perpendicular to direction of travel

**NOTE** - Shoe hangers are NOT ALLOWED in the eCommerce networks.
RFID Apparel Packaging, Introduction / Packaging Type

Introduction
To serve our customers right the first time, Walmart U.S. Supply Chain (store only) will be following all industry standards set forth by GS1 RFID serialized encoding standard, GS1 RFID tag placement standards, and Auburn University RFID Lab ARC inlay standards.

Seasonal Programs and Events
All seasonal program items are **required** to be RFID tagged. The only exception to this requirement is for Annual Event items.

Determine Inlay Manufacturer

**National, Proprietary, and Supplier Brands**
- Brand owners may select any Auburn University-approved inlay manufacturer listed on their website. Any inlay manufacturer not listed on the Auburn website cannot produce inlays for packaging being shipped to Walmart. Even if using an approved inlay provider, you must still submit samples to Auburn for final approval.

**Private Brands**
- All Walmart private brands must use an approved inlay manufacturer using W1-W6 specs, found on the Auburn University website: [https://rfidarc.auburn.edu/temp/suppliers.php](https://rfidarc.auburn.edu/temp/suppliers.php).

**NOTE** - This is not only about serialization of the tags as it pertains to the manufacturing of the blank inlays. Even if using an approved inlay provider, you are **required** to submit samples to Auburn for final approval [rfidlab@auburn.edu](mailto:rfidlab@auburn.edu).

Other Walmart nominated packaging resources are **required** to purchase their blank inlays from one of the four (4) companies below:
- Avery Dennison/Smartrac
- R-PAC
- Checkpoint
- SML
RFID Apparel Packaging, Introduction/Packaging Type, cont...

All apparel brands that are being shipped into and sold at any of our Walmart U.S. stores require RFID tags. This includes all national, proprietary, Supplier, and private brands. SIOC items are out of scope. **All Apparel Items require** all shipments to both Store or eCommerce to require RFID tags. All items that are eCommerce only brands, team sports apparel and sports licensed hardlines “hot-market” Championship product (e.g. Superbowl, World Series, etc.) and items where RFID technology is not compatible, as identified through Auburn RFID Lab, are out of scope.

**Apparel Departments that Require RFID Tagging**

<table>
<thead>
<tr>
<th>Department</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>23-Mens Wear</td>
<td>29-Hosiery</td>
</tr>
<tr>
<td>24-Boys Wear</td>
<td>29-Ladies Sleepwear</td>
</tr>
<tr>
<td>25-Footwear</td>
<td>30-Bras &amp; Shapewear</td>
</tr>
<tr>
<td>26-Infant</td>
<td>31-Accessories</td>
</tr>
<tr>
<td>29-Ladies Socks</td>
<td>32-Jewelry &amp; Sunglasses</td>
</tr>
<tr>
<td>29-Ladies Socks</td>
<td>34-Misses &amp; Juniors</td>
</tr>
<tr>
<td>29-Ladies Socks</td>
<td>34-Plus Size &amp; Maternity</td>
</tr>
<tr>
<td>29-Ladies Socks</td>
<td>34-Outerwear &amp; Sleepwear</td>
</tr>
<tr>
<td>29-Ladies Socks</td>
<td>34-Plus Size &amp; Maternity</td>
</tr>
<tr>
<td>29-Ladies Socks</td>
<td>34-Outerwear &amp; Sleepwear</td>
</tr>
</tbody>
</table>

**RFID Application Based on Packaging Type**

These are general guidelines. Consult the GS1 apparel placement guideline manual for product-specific placement, and adhere to GS1 standards.

<table>
<thead>
<tr>
<th>EXISTING PACKAGING TYPE</th>
<th>RFID APPLICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Primary Branded Hangtag</td>
<td>Embed inlay into hangtag.</td>
</tr>
<tr>
<td>Size Strip</td>
<td>Add a joker ticket or embed inlay into primary hangtag; RFID placed within the size strip is <strong>NOT ALLOWED</strong>.</td>
</tr>
<tr>
<td>Joker Ticket/Sunglasses</td>
<td>Add a separate paper-based sticker or embed inlay into joker ticket.</td>
</tr>
<tr>
<td>Backer Card</td>
<td>Add a separate paper-based sticker.</td>
</tr>
<tr>
<td>Bellyband</td>
<td>Add a separate paper-based sticker.</td>
</tr>
<tr>
<td>Blisters/Clamshells</td>
<td>Add a separate paper-based sticker.</td>
</tr>
<tr>
<td>Header Card</td>
<td>Add a separate paper-based sticker.</td>
</tr>
<tr>
<td>Folding Carton</td>
<td>Add a separate paper-based sticker.</td>
</tr>
<tr>
<td>Jewelry Carding/Box</td>
<td>Add a separate paper-based sticker/email Auburn for further direction.</td>
</tr>
<tr>
<td>Wallet/Belt/Watch</td>
<td>Add a separate paper-based sticker or attach hangtag directly to item.</td>
</tr>
<tr>
<td>Poly bag</td>
<td>Add a separate paper-based sticker.</td>
</tr>
<tr>
<td>Collar Card</td>
<td>Add a generic embedded inlay hangtag.</td>
</tr>
<tr>
<td>Plastic Bottle</td>
<td>Add a separate paper-based sticker.</td>
</tr>
<tr>
<td>Metal Can</td>
<td>Email <a href="mailto:rifidlab@auburn.edu">rifidlab@auburn.edu</a> for further direction.</td>
</tr>
</tbody>
</table>

© 2023 Walmart Stores, Inc. The examples shown are for reference only.
RFID Apparel Packaging, cont...

Tagging
- Sewing RFID inlay tags into the physical apparel item is **NOT ALLOWED**. Tags sewn in that are easily removable by the customer are acceptable.
- RFID inlay stickers are **required** to be placed on packaging only.
- Staples, perfs, swiftach, folding, or diecuts through the inlay are **NOT ALLOWED**.
- RFID inlay placement on the bottom of poly bags, boxed items, or near the underwire for bras is **NOT ALLOWED**.
- Applying RFID to an EAS tag is **NOT ALLOWED**, unless you have special permission from Auburn University well in advance for proper testing.

Additional Information
For more information on the RFID program for apparel, including additional design details and packaging sample submission instructions, review the Walmart RFID playbook located on Retail Link.

Retail Link > Supplier Academy > Item Setup & Management > Business Specific Resources

Online Submission Form
Complete the online submission form at [https://rfidlab.org/WalmartApparel/](https://rfidlab.org/WalmartApparel/).

Walmart Apparel Submission Form

Submit one UPC per Submission Form. Not all UPCs supplied by a supplier requires a validation, select one representative UPC (SKU) per:

1. Product Supplier
2. Brand
3. Packaging Type
4. RFID Packaging Provider
5. RFID Inlay Model
6. Tagging Location

If anything from 1-6 changes for any item, please submit that item in a new submission form.

Please note that this submission will not be processed and will fail automatically if any information is incorrect, incomplete, or not provided. This includes a correct/complete item file and tagging location photos. This submission process will have to be restarted if the validation fails which includes submitting a new form and shipping new samples.

Vendor Name *

Enter Vendor Name

Vendor ID *

Enter Vendor ID Number

This should be a six digit number.

Contact Name

Enter Contact Name

Contact Email *

Enter Contact Email

This will be the email address the PDF confirmation is sent to if the validation is successful.
Introduction
To serve our customers right the first time, Walmart US Supply Chain (store only) will be following all industry standards set forth by GS1 RFID serialized encoding standard, GS1 RFID tag placement standards and Auburn University RFID Lab ARC inlay standards. All Sporting Goods brands that are being shipped into and sold at any of our Walmart U.S. stores require RFID tags. This includes all national, proprietary, Supplier and private brands.

DSV, Pay from Scan items, 3rd party WFS, D18 Seasonal, D56 Horticulture, and D67 Celebration items are out of scope. All orders that are NOT shipping to stores are out of scope, however it can still carry the RFID tagging if like item is at the store.

Determine Inlay Manufacturer
• Brand owners may select any Auburn University approved inlay manufacturer listed on their website. Any inlay manufacturer not listed on the Auburn website cannot produce inlays for packaging being shipped to Walmart. Even if using an approved inlay provider, you must still submit samples to Auburn for final approval.
• All brands must use one of the following approved inlay manufacturers from Auburn University website https://rfid/auburn.edu/arc using one of the W1-W6 specs.

Hardline Departments that Require RFID Tagging
03-Stationery*
05-Media & Gaming*
06-Cameras & Supplies*
07-Toys
09-Sporting Goods
10-Automotive*
11-Hardware*
12-Paint*
14-Kitchen & Dining
17-Home Décor
19-Crafts*
20-Bath and Shower
21-Books*
22-Bedding
42-Automotive (Tires Only)
71-Furniture and Luggage
72-Electronics
74-Closet and Organization
87-Wireless

NOTE - This is not about serialization of the tags as it pertains to the manufacturing of the blank inlays only. Even if using an approved inlay provider, you are required to still submit samples to Auburn for final approval rfidlab@auburn.edu.

All Items in departments indicated with (*) are required to be in compliance for all shipments that arrive in store on or before February 1, 2024.

Seasonal Programs and Events
All seasonal program items are required to be RFID tagged.

RFID Application based on Packaging Type
These guidelines are general in nature. Consult the GSI apparel placement guideline manual for product specific placement and adhere to GSI standards.
RFID Packaging, Hangtags

**Branded Embedded Hangtag**

**Private Brands Only**
- Changes to dielines or artwork will be managed through Walmart U.S. Packaging Team and their nominated packaging resources.

**All Brands**
- Embed inlay is required in branded hangtags.
- If you cannot execute for initial roll-out (S3 2021), you may use generic embedded hangtag for initial shipment only.

**Generic Embedded Hangtag Format**

**Hangtag Dimensions:** 83 mm x 25 mm | **INLAY size:** 70 mm x 14 mm (+/- 2 mm)

**Minimum Copy Requirements**
- UPC# (no bars; human readable)
- EPC logo
- Item description (from primary packaging)
- Additional information is allowed

**Specifications**
- Embed inlay between C2S paper stock
- **Material:** 14 pt.C2S minimum; glossy both sides
- **Font:** 12 pt. Bogle Regular (centered vertically and horizontally from left side of logo to right side of swift tag hole)
- **EPC logo:** Centered vertically and placed as shown below
- **Color:** Black ink on 1 side of tag

```
012345678912
Item Description
```

For all garment tag locations, refer to GS1 US Placement Guidelines: [www.gs1us.org](http://www.gs1us.org).

**Folded Programs Only with Size Strip**
- Fasten Swiftach embedded inlay hangtag through the inside left neck/left waist seam. Swiftach length is 1/2”.
- If the item contains a joker ticket, either embed inlay into joker or add a separate generic embedded sticker. A scannable UPC is allowed on one or the other, not both.

**Hanging Programs–Long Sleeve (all brands)**
- Armhole placement is allowed.

**D2S Shoe Hangtags (all brands)**
- RFID hangtag is required to be affixed to shoe.
- Embed inlay into branded hangtag or add a generic embedded inlay hangtag.
- Attaching RFID stickers anywhere on the shoe box is NOT ALLOWED.

**License Hangtags (all brands)**
- May use RFID embedded Walmart generic price ticket.
RFID Packaging, Stickers

**Generic Embedded Sticker with Scannable UPC Code**

If you do not already have a scannable UPC barcode on the pack, Walmart prefers to use an EPC combo sticker as shown below.

**Specifications**
- Embed inlay: 50 x 30 mm (+/- 2 mm)
- Tag dimensions: Supplier determines
- Material: Minimum 60#/8 pt Glossy (non-removable)
- Font: Bogle 5.5 pt
- Color: Black

**Minimum Requirements**

**Private/Proprietary Brands:**
- Barcode/UPC #
- EPC logo (place at bottom of UPC bars and scale to half of the bar height, minimum of 4.5 mm)
- Item Description (from primary packaging)
- Season code
- Dept/Sub/Fineline
- Color name
- Style number/VSN number /Item number
- Agency Code
- Registered Identification Number (RIN)
- CPSIA Tracking Code (D24/D26/D33 Only)

**National/Supplier Brands:**
- Barcode/UPC #
- EPC logo (place at bottom of UPC bars and scale to half of the bar height, minimum of 4.5 mm)
- Item Description (from primary packaging)
- Additional information is allowed

**Generic Embedded Sticker without Scannable UPC Code**

If you already have a scannable UPC barcode without an inlay, use a separate EPC sticker.

A generic embedded paper-based sticker can be added to the interior side (non-printed side) of the packaging as long as the EPC logo is added to the visible area (printed side) of the packaging, in proximity of the UPC barcode.

**All Brands**
- UPC # (no bars)
- EPC logo
- Item Description (from primary packaging)

**Specifications**
- Embed inlay: 50 x 30 mm (+/- 2 mm)
- Tag dimensions: Supplier determines
- Material: Minimum 60#/8 pt Glossy (non-removable)
- Font: Bogle 10 pt (centered vertically and horizontally)
- EPC logo position: Lower left corner (as shown)
- Color: Black
RFID Packaging, cont...

**EPC Symbol**
- The EPC logo example represents the bare minimum of information that should be shown on your packaging to identify RFID tagging.
- Any packaging that has an RFID tag is **required** to have the Electronic Product Code (EPC) symbol displayed on the packaging where customers and store associates can see it.
- The EPC symbol is **NOT ALLOWED** on any packaging that does not contain an RFID iLab, attaching tags with an EPC logo and/or inlay but not properly encoded can cause major confusion within the process.
- Go to this link for the EPC symbol image file and related documentation: www.gs1.org/standards/epc-rfid/guidelines

**UPC to EPC Conversion**
For information regarding the EPC data structure, visit the GS1 website. The EPC data structure is an industry standard and is maintained by GS1. The EPC Encoder/Decoder Tool can be found here: www.gs1us.org/tools/epc-encoder-decoder

**Supplier Accountability**
- Product Suppliers are **required** to have a process in place to ensure all tags leaving the facility are unique.
- Quality checking includes ensuring there are no duplicate tags or codes and that each tag is properly encoded for the item it is on.
- Any errors arriving at the stores will be the responsibility of Suppliers and all costs will be incurred by the Supplier.

Walmart Corporate, General Questions: WalmartRFID@Walmart.com
Websites:
https://corporate.walmart.com/privacy-security/notices/

Auburn University RFID Lab, General Questions: rfidlab@auburn.edu
ARC Website: https://rfid.auburn.edu/arc/
Shipping address:
Send five RFID inlays (no product unless called out differently) and photo showing tagging of item.

Auburn University RFID Lab
Attn: WM Apparel RFID Validation
1550 East Glenn Avenue
Auburn, AL 36849 USA
+1 (334) 844-7513

GS1 U.S., General questions about RFID encoding standards: walmartrfid@gs1us.org


Apparel Placement Guideline, https://tinyurl.com/2p8s2rjr

Solution Partners, https://tinyurl.com/ykbe6k2y

RFID Packaging Providers, https://RFIDpackagingResources.org
Direct Store Delivery - ASN Shipping Label Requirements

Shipping Labels on Pallets, Totes, and RPCs

Suppliers are required to use a shipping label From: ASN deliveries.

- The GS1-128 barcodes embedded with an SSCC-18 on the physical products are required to match delivery paperwork.

The following information is required on the shipping label:

- Store # - 5 digits (example, store # 00078)
- Last 3 digits of the invoice # (not applicable for Pay From Receipt -PFR- Suppliers)
- GS1-128 barcode embedded with an SSCC-18

The following information is optional on the shipping label:

- Ship From Address: Supplier’s address, city, state, zip code
- Ship To Address: Walmart DC address, city, state, zip code including expanded GLN address
- Postal barcode
- Carrier name (if available)
- PO type - 4 digits (PO TYPE, e.g. 0020)
- BOL number (if available)
- Pro number (if available)
- Department number - 5 digits (Walmart DEPT number, e.g. 00013)

ASN Label Placement Guidelines:

- Pallets: Shipping label is required to be placed in the upper right corner. If multiple SSCC-18s apply to a single pallet, apply each shipping label to its corresponding layer in the upper right corner.

- Totes or RPCs: Shipping label is required on the front center.

| NOTE - DEX deliveries do not require a shipping label |
Direct Store Delivery - Multi-Dept. Deliveries

Pallets and Racks
Cases are required to be separated by department.

For ASN:
- A single delivery should reside as one shipment on one ASN document.
  - Each pallet, rack, PO, and/or invoice requires a unique SSCC-18.

For DEX:
- Each department requires an individual DEX invoice.
  - Use tier sheets to separate each department.

Totes and RPCs
Totes and/or RPCs are required to be separated by department.

For ASN:
- A single delivery should reside as one shipment on one ASN document.
  - Each tote and/or RPC requires a unique SSCC-18.

For DEX:
- Each department requires an individual DEX invoice.
Direct Store Delivery - Case Markings

Accurate Deliveries Begin with Accurate Item File Setup

**Corrugated Cases and Trays**
- Orderable GTIN barcode is *required* in either ITF-14 for GS1-128 format.
- Orderable GTIN is *required* on a minimum of 2 sides with at least 1 side being the longest.
- See GTIN section of this guide for additional information on print quality and GTIN requirements.
- Cases and trays include all RRP/SRP/PDQ style packaging.

**Totes and RPCs**
Reusable plastic packaging used for Direct Store Delivery has no case marking requirements.

GTINs allow associates to scan product without opening boxes.

GTIN in ITF-14 or GS1-128 format
Sellable Unit Marking Requirements

Domestic Unit Markings for General Merchandise and Dry Grocery
Each selling unit is required to have a UPC or EAN GTIN barcode printed on it or label adhered to it. This GTIN is required to match the “Consumable” GTIN Field that is published to Item 360. If the item is individually poly bagged or placed in a case, then the case or poly bag must also include a matching selling unit barcode. This barcode is required to match what is entered in Online Item File (Item Setup).

- When the vendor pack is a single item or multiple items to be sold as a single selling unit (1/1), the UPC-A (GTIN12) or EAN (GTIN13) format barcode is required on the outer case.

- The 1/1 “Sellable Case Packs”, “SIOC – Ships In Own Container”, or “Ready To Ship” shall be labeled as such so the warehouse does not inadvertently separate or open such cases. See examples.

**NOTE - Best Practice:**
Include labeling - “THIS IS A SET. DO NOT SEPARATE.”
Location of this label can be either on the top of the case across the tape seam or beside the case GTIN barcode.

- Outer case contains the consumable GTIN barcode which is different from that of the inner units UPC.

- Because the selling unit quantity is ‘1’ (the entire case), the consumable GTIN barcode is used. Case is also pre-printed with 'Ready To Ship' markings.

**Figure A – Consumable GTIN**

- Outer case contains the orderable GTIN barcode.

- This barcode is suitable at the distribution level in instances where the case is not the intended selling unit. Because the case is the intended selling unit, GS1 Standards indicate a point of sale barcode should appear on the outer case.
Ships In Own Container (SIOC)

SIOC Packaging
Many items within the eCommerce environment require packaging that will allow the product to ship as-is to a customer with no additional packaging required. Any merchandise that is designated as “ship-alone” or “ship as-is” or “ships-in-own-container” must be capable of serving as the outbound shipping case when shipped to the customer. These items will not be over boxed by Walmart prior to shipment.

When is my item required to be SIOC?
If any one of the following conditions are met, your product is required to ship in its own case with and have packaging tested to comply with SIOC requirements. Other items outside of this list may be considered “SIOC” as well if determined by yourself or your merchant to have packaging that will ship to customer without requiring the item to be placed in an over box for shipping.

- Any item shipped into Walmart as a 1/1 item
- Any single side of case is greater than 25” in length - OR -
- The second largest side of case is greater than 20” in length - OR -
- The smallest side of case is greater than 14” in length - OR -
- The case weighs more than 30 pounds - OR -
- Volume is greater than 3.25 cubic feet - OR -
- Any item defined as “collectible”

Do not over pack or reinforce packaging during your ship test. Ship exactly how you intend to ship to the Walmart DC.

Protective Packaging Options
- Shipping case is NOT ALLOWED to contain cutouts or windows.
- Item is required to be no smaller than 75% of the outer packaging cube.
- Rugs, mattresses, and cushions in sturdy plastic bags that can ship as-is are acceptable.
- The poly bag, white or clear, should be at least 3 mil thick, be completely sealed, and include a UPC-A label on the outside of the poly bag.
- Rugs should be rolled with the pile on the inside for eCommerce shipments.
- Items that nest (stack inside each other), like plastic bins and garbage cans, are acceptable without ships as-is packaging.
- Supplier pack case weight and dimensions are required to be submitted to the Walmart.com buyer prior to initial shipment to the Walmart eCommerce network.
- Individual pack case weight and dimensions are required to be submitted to the Walmart.com buyer prior to initial shipment to the Walmart eCommerce network.

Ship Testing
Suppliers are required to conduct an ISTA ship test in accordance with Walmart standards. See General Requirements of this document for further information.

For concerns with SIOC requirements or to submit your passing ISTA ship test, contact Returns Management at: ISTATesting@wal-mart.com.

Collectible items are defined as an item that may be valued and sought by collectors (collectible sub-category and bobble-heads) with an emphasis on the product and cosmetics of the primary packaging. If the primary packaging is received by customer dirty, scratched, or dented, the item is considered damaged.
eCommerce Product-Specific Requirements

Liquid Packaging
Adequate packaging of liquid items flowing through the eCommerce network is critical to ensure the product does not leak before arriving at the customer’s location. A package that leaks may also damage other products in the same case or in close proximity to the faulty liquid package. A liquid includes any chemical, food, or personal use liquid. Liquids are typically packaged with one of the following styles of packaging:

- **Spray Bottle**: Trigger is required to be blocked or shrink-wrapped to the side of the bottle to avoid damage.
- **Twist Cap Bottle**: Twist cap packaging is required to use shrink wrap, tape, an inner seal, or other sealing solution to prevent cap from unscrewing and/or leaking.
- **Flip Cap**: Flip caps are required to use shrink wrap, tape, or other solution to prevent cap from opening.
- **Pump**: Pump style packaging lids are required to use shrink wrap, tape, or other solution to prevent cap from opening.
- **Aseptic**: Aseptic style packaging is required to follow Walmart Fragile Packaging standards. Refer to Fragile Packaging section of this guide.

Nesting Items
Product that nests and may create suction when separated causes inefficiencies in our processes and may cause damage to the product. Examples include plastic storage bins and plastic paint buckets. Nesting items are required to use paper, paperboard, corrugated board, or other material between the product to provide breaks in the airflow between the products and prevent damage from separation and vibration.

Sharp Items
Sharp products (i.e., any product that has a sharp or pointed edge such that, when exposed, the edge would present a safety hazard to associates, carriers, or customers receiving or unpacking the product) is required to be packaged so that the sharp or pointed edge will not become exposed during the normal course of order fulfillment (includes all processes from receipt to customer opening of the product).

- Cardboard or plastic sheaths alone are not sufficient protection unless the sheath is constructed of a rigid, durable plastic and secured to the product so it cannot slide off in transit.
- Sharp items are NOT ALLOWED to be packaged with non-sharp items.
- Outer boxes with sharp items are required to be labeled as such.

Granule Packaging
Granule packaging includes the packaging of any fine powder or granule product, such as sugar, baking soda, salt, and flour. Granule packaging is required to be in an airtight, sealed primary package or in a shrink-wrapped primary package.

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Drop Ship Vendors

NOTE – DSV Suppliers are **required** to adhere to all general case quality, plastic bag, pallet, lithium battery/hazardous material markings, and eCommerce test standards.

**DSV Shipping, Packaging, and Labeling**

Suppliers are **required** to ship with all carrier and shipping methods assigned by Walmart. Walmart will assign a carrier and ship method for each order. Suppliers are **required** to ship according to the Walmart assigned carrier method. Suppliers will only ship orders from inside the contiguous 48 states. Shipping from Hawaii or Alaska is **NOT ALLOWED**.

Suppliers are **required** to ship in plain, unbranded cases. Packing slips or marketing materials are **NOT ALLOWED** in the case.

Suppliers will print labels for both direct customer shipments (also referred to as Site to Home or S2H) as well as Site to Store shipments (also referred to as S2S). S2S shipments allow the customer to pick up their order from a Walmart store location of their choosing.

When creating a Site to Home (S2H) label, the following items are **required**:

- Return address is the Return Center closest to your location (see chart at right).
- Customer’s address and phone number.
- The PO number for the order.

When creating a Site to Store (S2S) label, the following items are **required**:

- Return address is the Return Center closest to your location (see chart at right).
- Ship to address will read: “PICKUP AT STORE”
  
  Street address of store
  
  Customer name
  
  City/State/Zip/Phone of store location
- The PO Number for the order.
- ASN Barcode for the order (may be printed and applied on a separate label as needed).

**Return Center Addresses**

Vendors must choose which Walmart Return Center to have their items shipped to when a customer returns an order. Effective immediately, vendors should choose the closest Return Center to their facility from the addresses below when entering the return address on shipping labels. This change does not affect in-store returns.

<table>
<thead>
<tr>
<th>Address</th>
<th>Address</th>
<th>Address</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Walmart.com</td>
<td>Walmart.com</td>
<td>Walmart.com</td>
<td>Walmart.com</td>
</tr>
<tr>
<td>5795 N. Blackstock Road, Spartanburg, SC 29303</td>
<td>3382 Marion Drive, Las Vegas, NV 89115</td>
<td>2301 Corporation Parkway, Waco, TX 76712</td>
<td>1161 Enterprise Road, Johnstown, NY 12095</td>
</tr>
<tr>
<td>Walmart.com</td>
<td>Walmart.com</td>
<td>Walmart.com</td>
<td>Walmart.com</td>
</tr>
<tr>
<td>6719 W. 350 North, Greenfield, IN 46140</td>
<td>3382 Marion Drive, Las Vegas, NV 89115</td>
<td>2301 Corporation Parkway, Waco, TX 76712</td>
<td>1161 Enterprise Road, Johnstown, NY 12095</td>
</tr>
</tbody>
</table>

**Jewelry Returns ONLY - Walmart.com**

- Jewelry Returns ONLY - Walmart.com
- 1206 S. Broadway, Marlow, OK 73055

**NOTE** - All jewelry items must be sent to Marlow, OK Return Center.
Drop Ship Vendors - Carrier Labels

**FedEx Carrier Labels**

The return address should be the Return Center closest to your facility.

The PO # should be visible here.

The ASN barcode should be included on the S2S shipping label.

Site to Home (S2H) Label - Sample

Site to Store (S2S) Label - Sample

**UPS Carrier Labels**

The return address should be the Return Center closest to your facility.

The customer’s phone number should be printed along with the address.

The PO # should be visible here.

Site to Home (S2H) Label - Sample

Site to Store (S2S) Label - Sample

**USPS Carrier Label**

The return address should be the Return Center closest to your facility.

The customer’s phone number should be printed along with the address.

The PO # should be visible here.

Site to Home (S2H) Label - Sample

Site to Store (S2S) Label - Sample

NOTE – For additional information on DSV shipments, including onboarding, item setup and management, EDI, Retail Link, and other questions, visit DSV Supplier Help. **You must be logged in to view this information.**

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## Drop Ship Vendors - Freight Shipping Labels

### Freight Shipping Labels

Suppliers are **required** to use one of the standard shipping label formats detailed on this page. Walmart does not provide a template for this label. It is the Supplier's responsibility to create the label.

A domestic shipping label is **required** for all freight shipments. The recommended size for shipping labels is 4” x 6” when including the barcode information, but can vary with different sized boxes as needed.

Standard shipping labels are **required** to contain the following:

<table>
<thead>
<tr>
<th>Required Field</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Return Address:</strong> Return address is the Return Center closest to your location.</td>
</tr>
<tr>
<td><strong>Ship To Address (S2H):</strong> Customer's address and phone number</td>
</tr>
<tr>
<td><strong>Ship To Address (S2S):</strong> Ship to address will read &quot;PICKUP AT STORE&quot; Street address of store Customer name City/State/Zip/Phone of store location</td>
</tr>
<tr>
<td>**PO number - 10 digits (ORDER #)</td>
</tr>
<tr>
<td><strong>Walmart Item Number (WMIT)</strong></td>
</tr>
<tr>
<td><strong>Postal barcode (optional)</strong></td>
</tr>
<tr>
<td><strong>Carrier name (if available)</strong></td>
</tr>
<tr>
<td><strong>BOL number (if available)</strong></td>
</tr>
<tr>
<td><strong>Pro number (if available)</strong></td>
</tr>
</tbody>
</table>

### Sample Labels

**Site to Home (S2H) - Sample**

```
Return Address: Return Address is the Return Center closest to your location.
Ship To: CUSTOMER’S ADDRESS
PHONE NUMBER

POSTAL CODE: (420) 72712
CARRIER: Carrier Name
PO#: 0000000000
B/L: 1234567890
PRO#: 1234567890
WMIT: 001286123

Site to Home (S2H) - Sample
```

**Site to Store (S2S) - Sample**

```
Return Address: Return Address is the Return Center closest to your location.
Ship To: CUSTOMER’S ADDRESS
PHONE NUMBER

POSTAL CODE: (420) 72712
CARRIER: Carrier Name
PO#: 0000000000
B/L: 1234567890
PRO#: 1234567890
WMIT: 001286123

Site to Store (S2S) - Sample
```
Drop Ship Vendors - Bill of Lading (BOL)

BOL Requirements
A BOL is required for each delivery address for all freight and LTL shipments. All PO numbers are required to be listed on the BOL.

The BOL must show the proper classification description as stated in the National Motor Freight Classification tariff and list all POs being shipped with the number of cases for each PO.

When carrier drivers sign a BOL, they are signing for a specific number of shipping units (cases, floor load pieces, or pallets), not single selling units. You must record the quantity of shipping units and all PO numbers on the BOL. If the shipment is palletized, drivers are to sign for the number of pallets, not the number of cases or pieces.

The BOL must have the carrier name and pro number. If a trailer number is available, include it on the BOL.

The BOL must be marked as 3rd Party Collect Billing. You may use the Walmart.com order number in place of the account number.

Complete any remaining fields as instructed by the carrier.

VICS BOL Example
Our long-term strategy is to support implementation of the VICS Standard BOL. For more information, go to www.gs1us.org. While Walmart recommends the use of the VICS Standard BOL, it is not required, and similar BOL forms are acceptable.

BOL Required Information

Ship from address:
• C/O Walmart.com
• Supplier name and shipping address

Ship to address:
• Customer’s name and delivery address (include the customer phone number)

BOL number:
• Bill To (billing account number and billing address):
• For account numbers and billing addresses for each carrier, refer to DSV Third-Party Billing Carrier Accounts. You must be logged in to view this information.

PO number:
• Walmart.com purchase order number

Freight Charge:
• 3rd-party bill to Walmart.com

For the account of:
• Use the Walmart.com purchase order number
• Number of cases
• Dimensions of case (L x W x D)
• Additional details or comments
• Unit and commodity information
• General description of the product
• National Motor Freight Classification item number
• NMFC freight class

Sample
Walmart Fulfillment Services (WFS)

**NOTE** - WFS sellers are required to adhere to all general case quality, general carton markings, lithium battery/hazardous material markings, SIOC, product-specific requirements, BOL/packing list requirements, and eCommerce test standards.

**WFS Inventory Types**
Sortable inventory is defined as items that weigh less than 30 lbs. with a maximum length of 25”, maximum width of 20”, and a maximum height of 14”.

Non-sortable inventory can have a maximum weight of 150 lbs. with a maximum dimension of 108” and a length + girth measurement of no greater than 165”. All cartons over 50 lbs. in weight are required to have “Team Lift” markings on the tops and sides. All cartons over 100 lbs. in weight are required to have “Mech. Lift” markings on the tops and sides.

**Shipping and Palletization**
All shipments that are not small parcel are required to be palletized. Grade A wooden pallets are required to meet Walmart pallet standards. The use of pooled pallets, generic block pallets, or any other type/style of pallet is NOT ALLOWED. Single pallet height is NOT ALLOWED to exceed 72”. Double stacked pallets are NOT ALLOWED to exceed 108” in height, including the height of the pallet.

**Labeling Requirements**
For all shipments, sellers will print and place labels generated by the WFS Send Inventory Portal when you have created your shipment. The label information is required to include:

- WFS shipment ID
- WFS shipment ID barcode
- Return to (ship from) seller name and address
- Ship to address
- Pallet/box counts
- Label type: Mixed SKUs cartons, single SKU carton, or pallet
- A shipping label is required for each carton shipped.

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Walmart Fulfillment Services (WFS), cont...

**Labeling Requirements, cont.**
All palletized shipments will require 2 pallet labels.
- Pallet labels are required to be placed in upper right corner of pallet.
- Pallet label can be applied on top of or between stretch wrap layers.
- Pallet labels are required to be on adjacent corners of pallet.
- Each shipment ID is required to have an individual pallet label associated with it. For a palletized shipment with multiple shipment IDs, additional labels should be affixed below the initial label in the upper right corner.
- Single SKU items should be placed on a single pallet when quantities allow. Splitting quantities of the same product when they can fit on a single pallet is **NOT ALLOWED.**

**WFS Product Preparation**
- All products are required to be in a sealed or closed container and ready for sale.
- All internal (saleable) units are required to be in clear or see-through poly bags. Fulfillment Centers will re-bag items packaged in non-clear or opaque poly bags before the items are available to sell, which may cause delays.
- Price tags, product labels, and/or any retailer-specific labels are **NOT ALLOWED.**
- All perishable goods are required to contain a visible expiration date on the selling unit packaging.
  - Lot Code/Best if used by date is required when applicable. Minimum font size of 1/2” 48 pt is required. Preferred date format of MM/DD/YYYY.
  - Products that expire and are contained in packaging that requires additional prep, such as glass jars or bottles, are required to have the expiration date accessible during receiving at the FC.
  - Perishable Items that require temperature control are **NOT ALLOWED** (e.g., ice cream that needs to be kept in a freezer or chocolates that may melt).
- Any item received as ready to ship (SIOC) will be packaged at the discretion of the FC.
- Marking all items with country of origin (COO) is preferred.
- Packaging inserts and other forms of marketing materials are acceptable. These materials should not be specifically designed for other non-Walmart Fulfillment Services platforms.
- Failure of the seller to properly prep and pack the shipment may result in seller being responsible for additional handling charges, which will be determined on an individual basis.
- Units that require assembly of multiple pieces by the FC are **NOT ALLOWED.**
- The following forms of packing materials are **NOT ALLOWED:**
  - Styrofoam peanuts
  - Biodegradable packing peanuts
  - Cornstarch packing peanuts
  - Crinkle wrap
  - Shredded paper
Walmart Fulfillment Services (WFS) Master Packs

**Mixed Master Pack**
- Master packs are allowed in eCommerce network only.
- A mixed master pack is a package shipped from the seller to the Fulfillment Center that contains multiple vendor packs inside a single case.
- It is not recommended to ship in mixed master packs. Purchase orders are written specifying the number of vendor packs ordered, and that should be the quantity configuration.
- Shipping in a configuration different than what the PO specifies may result in delayed payment, claims, wrong quantities to customers, delayed processing, product refusal, and many other issues.
- Within eCommerce environment smaller items may require mixed master packing. If your vendor pack does not meet the minimum automation eligible sort requirements, you are required to contact the Packaging/Labeling Team at: labeling@walmart.com for approval of mixed master packing.
- Seller is required to apply three STOP labels to master case.
  - One on each long side
  - One on top
  - At least one STOP label is required to be placed near the domestic shipping label.
- STOP labels are required to:
  - Use the following language: STOP | MIXED MERCHANDISE | RECEIVE AS BREAK PACK
  - Use red ink on a white background (black ink on a white background is acceptable).
- Domestic shipping label is required to state “MASTER PACK” in WMIT field.

**Selling Unit**
Selling unit must be individually packaged (poly bag or case) and placed within the corresponding vendor pack.

**Vendor Pack**
Each vendor pack is required to contain applicable case markings (product ID info) and orderable GTIN barcode in either ITF-14 or GS1-128 format. If possible, include WMIT.

**Master Case**
Barcodes other than the postal code and the SSCC-18 are NOT ALLOWED on the domestic shipping label for master packs.

Combining multiple POs within the same master pack case is NOT ALLOWED.

STOP label is required to be clearly indicated on or alongside the domestic shipping label.

STOP label is required to be included on the two long sides of the master pack case.
DSDC Supplier Requirements

To be considered for conversion to DSDC, contact your Walmart Buyer, Replenishment Manager, or the DSDC Program Manager.

- Suppliers shipping DSDC need to adhere to all General Merchandise case marking and quality standards.
- Shipping label requirements for DSDC supersede General Merchandise shipping label requirements.
- For additional information, see Retail Link > Supplier Academy > Ordering & Replenishment > Walmart’s Supply Chain.

**NOTE** - Each vendor number is unique and is required to be treated separately. Suppliers with more than one vendor number are required to keep them separate in the DSDC system.

The following requirements must be met for the DSDC process to work correctly.

**Electronic Data Interchange Requirements (EDI)**

Each DSDC order requires an ASN sent from Supplier to facilitate receiving and shipment to store from the RDC.

The following transactions must be supported by Supplier:

- Mapping documentation for each item below can be obtained through the Walmart EDI Help Desk at 479-273-8888 or via Retail Link on the EDI/eCommerce site.

<table>
<thead>
<tr>
<th>EDI-810 Electronic Invoice</th>
<th>EDI-824 Application Advice</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDI-850 Electronic Purchase Order</td>
<td>EDI-864 Text Message</td>
</tr>
<tr>
<td>EDI-997 Functional Acknowledgment</td>
<td>EDI-856 Advance Shipment Notification</td>
</tr>
</tbody>
</table>

**NOTE** - Suppliers are required to have access to Retail Link. Contact your Buyer for access.

- Collect Suppliers are required to establish a ship point ID (if none exists or for new locations).
  Open a ticket with Walmart Transportation at https://wal-marttransportation.na1.teamsupport.com for support.
**DSDC Supplier Requirements, cont...**

**ASN Validation**

**Data Validation**
- EDI-824 Application Advice (Critical Errors) – This document will be transmitted if any of the following errors occur during ASN transmission.
  - Structural integrity or...
  - Invalid item or...
  - Invalid GTIN or...
  - Overages
- Review EDI 997 Functional Acknowledgment and EDI 824 Application Advice error messages daily.
- Respond to any EDI 856 ASN errors within 2 hours of receiving notice of the errors. Merchandise will not be received at Walmart DCs without a successful ASN transmission.
- If it is necessary to send an update to an EDI 856 transaction, the complete transmission is **required** to be resent.
- Invoices are **required** to be consolidated at the PO/item level (not store level) and billed to the DC.
- ASNs are **required** to contain individual case content. Item quantities are **required** to be transmitted in single selling units and in warehouse pack multiples.

**DSDC Replenishment Requirements**
- DSDC POs are type 0073.
- Warehouse packs are **required** to equal vendor packs. Break packs are **NOT ALLOWED**.
- Back orders or item substitutions are **NOT ALLOWED**.
- When canceling POs or lines on the PO, cancellation is **required** to be executed in both Supplier’s and Walmart’s systems. Maintenance is **required** to be completed prior to the cancellation date in Walmart’s system.
- ASN is **required** to reflect all changes made to the PO. If a change is received after an order has shipped, notify Buyer to change the PO back so that it matches what has been shipped.
- DSDC POs should not be changed in Walmart’s system after transmission to Supplier.
Custom Packed Cases

- All inner packs are **required** to have an exposed, scannable UPC barcode that does not require the pack to be opened to facilitate scanning.
  - Inner packs should not be labeled (exclusively) with an ITF-14 barcode.
  - Inner packs should have a barcode format that can pass point of sale (**UPC-A, UPC-E, EAN-13, EAN-8**).
- All warehouse packs are **required** to be packaged sufficiently to prevent items from being separated during transit or handling.
- All warehouse packs are **required** to remain intact. Single selling units cannot be split between multiple cases. Splitting single selling units in a warehouse pack between two or more cases will result in non-receipt of the split goods and a claim being filed against the invoice.
  - All ASNs are **required** to be sent with full multiples of the warehouse pack size.
  - This is an issue for Suppliers who ship in single selling units and have items set up with a pack size greater than 1.
- Only one store and one order can be packed into a single shipping container.
- Each shipping container is **required** to be identified with an approved SSCC-18/128 label.
- SSCC-18/128 number generation algorithm should not allow a pack “license plate” number to be repeated for 2 years.
- All shipping containers are **required** to be automation eligible.

**Minimum requirements**
- 6.4” L x 5.0” W x 2.0” H (minimum 1 lb.)
  - 163mm x 127mm x 51mm (0.45 kg)

**Maximum requirements**
- 36” L x 24” W x 16” H (maximum 50 lbs.)
  - 915mm x 610mm x 407mm (23 kg)
DSDC Supplier Requirements, cont...

**Multiple POs in One Container**

- Some Suppliers that have merchandise in more than one department will be allowed to combine and pack multiple POs in the same container.

- Before shipping multiple POs in a single container, approval is **required** to be obtained from:
  - Buyer
  - EDI
  - DSDC Manager

- Orders should be combined by store number so that only one store is packed into a single container.

- Each shipping container is **required** to be identified with an approved SSCC-18/128 label. The label is **required** to list all POs within the container.

- All POs are **required** to be transmitted in one ASN. If there is a problem with one PO that **requires** ASN retransmission, all POs must be retransmitted.

- Suppliers not shipping weekly replenishment orders are **required** to send a test shipment at least 1 week prior to the **required** ship date. This is to allow time for identifying and working through any issues.
DSDC Shipping Label Specifications

**DSDC Shipping Labels**
- Shipments are required to be palletized and stretch-wrapped.
- Multiple orders destined for the same DC can be combined on a pallet.
- One bill of lading clearly identifying all PO numbers and cases shipped is required per DC.
- Packing lists are not required.

**DSDC Label Information**
Each store-specific shipping container requires a single SSCC-18/128 shipping label.

This label is required to contain the following information:

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
</table>
| **Ship From**  | Supplier name  
Supplier address  
City, state, zip code |
| **Ship To**    | Walmart distribution center (#__ ..) D-DSDC  
Walmart address  
City, state, zip code |
| **Ship For**   | Store number (5 digits)                        |
| **PO #s**      | DC facility/location number (5 digits)  
Order type (4 digits)  
Department number (10 digits)  
DSDC pick & pack (order type SSCC-18)  
Serial shipping container barcode (20 digits) |
DSDC Shipping Label Specifications, cont...

Optional Label Information
- Postal zip – barcode
- Walmart-assigned vendor number (6 or 9 digits)
- If available at the time of print, the shipping label should also include:
  - Carrier name
  - Pro number
  - B/L number

Barcode Segment Specifications
- Start Code/FNC1 00 0 0012345 555555555 8 C Stop Character
- ST AI CT MI SN CD C1 SP
- ST SSCC-18/128 Start Code (consisting of Start - C plus Function Code 1)
- AI SSCC-18/128 Serial Shipping Container Application Identifier
- CT Shipping Container Type
- MI UCC/EAN Manufacturer ID Number including Number System Character preceded by zero
- SN Shipping Container Serial Number
- CD Modulus 10 Check Character
- C1 Modulus 103 Check Character (symbol character)
- SP Stop Character

NOTE - The SSCC-18/128 Serial Shipping Container Code is a numeric-only application standard. Only numeric data (other than start, modulus 103 check digit, and stop characters) are to be encoded in the symbol.
DSDC Shipping Label Specifications, cont...

Sample Label Formats

<table>
<thead>
<tr>
<th>Single PO per pack/container (example only)</th>
</tr>
</thead>
</table>

**SHIP FROM:**
Vendor Name
Vendor Address
City, State, Zip

**SHIP TO:**
Walmart Dist Center #6094D-DSDC
6841 SW Regional Airport Blvd
Bentonville, AR 72712

**SHIP TO POSTAL CODE:**
(420) 72712

**CARRIER INFO**
Carrier Name
PRO: 1234567890
B/L 1234567890

**DSDC Pick & Pack**
WM Vendor: 123456789

<table>
<thead>
<tr>
<th>DC#</th>
<th>TYPE</th>
<th>DEPT</th>
<th>PO NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>06094</td>
<td>0073</td>
<td>00052</td>
<td>1234567890</td>
</tr>
</tbody>
</table>

**DSDC Multi-PO**
Vendor: 123456

<table>
<thead>
<tr>
<th>DC#</th>
<th>TYPE</th>
<th>DEPT</th>
<th>PO NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>06094</td>
<td>0073</td>
<td>00012</td>
<td>1234567890</td>
</tr>
<tr>
<td></td>
<td></td>
<td>00023</td>
<td>2345678901</td>
</tr>
<tr>
<td></td>
<td></td>
<td>00034</td>
<td>3456789012</td>
</tr>
<tr>
<td></td>
<td></td>
<td>00045</td>
<td>4567890123</td>
</tr>
<tr>
<td></td>
<td></td>
<td>00056</td>
<td>5678901234</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Multiple POs per pack/container (example only)</th>
</tr>
</thead>
</table>

**SHIP FROM:**
Supplier Name
Supplier Address
City, State, Zip

**SHIP TO:**
Walmart Dist Center #6094D-DSDC
6841 SW Regional Airport Blvd
Bentonville, AR 72712

**SHIP TO POSTAL CODE:**
(420) 72712

**CARRIER INFO**
Carrier Name
PRO: 1234567890
B/L 1234567890

**DSDC Pick & Pack**
WM Vendor: 123456789

<table>
<thead>
<tr>
<th>DC#</th>
<th>TYPE</th>
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<tr>
<td>06094</td>
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<table>
<thead>
<tr>
<th>DSDC Multi-PO</th>
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</tr>
</thead>
<tbody>
<tr>
<td>DC#</td>
<td>TYPE</td>
</tr>
<tr>
<td>06094</td>
<td>0073</td>
</tr>
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<td>06094</td>
<td>0073</td>
</tr>
<tr>
<td>06094</td>
<td>0073</td>
</tr>
</tbody>
</table>

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DSDC Shipping Label Specifications, cont...

**DSDC Case Barcode Location**
Case barcode is **required** to be placed on each case to ensure proper scanning in automated environments and to prevent damage of barcode due to “edge crush.” Adhere to these guidelines when placing case barcodes.

- Shipping container barcode is **required** to be placed to the left of center on the longest side of the case.
- Bottom of the bars are **required** to be no less than 1.25 inches and no more than 3 inches above the container’s natural bottom.
- Outer edge of the right quiet zone is **required** to be no closer than 0.75 inches from the right edge of the vertical face.
- Do not cover or obscure the product identification symbol (GTIN barcode) when affixing the SSCC-18/128 label.
- Supplementary identification (SSCC-18/128) should be placed to the left of the primary product ID when it appears on the same panel.
- If shipping container has a height of less than 3.5 inches and barcode symbol cannot be placed on the side of the package as specified above, shipping label may be placed on top of the package. In this case, label is **required** to be placed with the bars perpendicular to the shortest side and no closer than 1.25 inches from any edge.

For questions and concerns regarding conversion to DSDC contact your replenishment manager.
Consolidation Centers

ACC/MCC Special Requirements

NOTE - Suppliers shipping to Consolidation Network are required to adhere to all General Merchandise case markings, labeling, and quality standards as well as all Shipping and Routing Documentation standards.

If your shipping case does not meet these dimensional requirements, contact logpkg@wal-mart.com.

<table>
<thead>
<tr>
<th>Dimensions</th>
<th>Length (in)</th>
<th>Width (in)</th>
<th>Height (in)</th>
<th>Weight (lbs.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cases</td>
<td>Max</td>
<td>48”</td>
<td>23”</td>
<td>30”</td>
</tr>
<tr>
<td></td>
<td>Min</td>
<td>5”</td>
<td>3.5”</td>
<td>2”</td>
</tr>
</tbody>
</table>

Collect Suppliers Shipping to Walmart Consolidation Center

Consolidation centers play a specialized role in moving products quickly on their journey to the customer. These centers process or receive general merchandise from Suppliers, consolidate quantities of this freight in a full truckload (FTL), and ship it to Walmart regional distribution centers. Questions? logpkg@wal-mart.com

Routing

- Confirm Shipment by 4:00 P.M. (CST) the day after the order is transmitted, including weekends.
- Orders routed outside these parameters are non-compliant and are subject to OTIF fines.
- Confirm Shipment can be accessed via the Transportation Supply Chain Portal 2.0 app located under the Apps section on Retail Link.
- Suppliers may also be part of the Auto Ready or DC Pooling Programs.

Loading

- Single PO pallets
- MPP (Multiple POs on a single pallet) is a shipping method which requires following specific instructions. Refer to following pages for information.
- All cases are required to be clearly segregated by purchase order number.
- Loading staple stock and assembly POs on the same pallet is NOT ALLOWED.
- Ensure compliant labeling (case and pallet) per Walmart Secondary Packaging Standards.

Shipping

Packaging Requirements
Walmart Secondary Packaging Standards:
Retail Link > Supplier Academy > Item Setup & Management > Packaging and Labeling

Shipping Requirements
Walmart Shipping and Routing Guide:
Retail Link > Supplier Academy > Quick Learning Articles > Ordering and Replenishment > Shipping, Routing, Packaging, and Labeling

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Consolidation Centers, BOL, Multi-Stop and Overflow

Consolidation Bill of Lading Requirements (GMC/MCC only), Master Bill of Lading Plus Individual Purchase Order/DC Destination

**Master BOL**
- Suppliers are **required** to provide a master bill of lading to the GM consolidation center.
- Consign the master bill to Walmart Stores Inc. The destination address on the master bill is **required** to be addressed to the Consolidation Dock.
  
  **Example: GMC 7100**
- Include all purchase order numbers for the total tender.
- Total number of cases, pallets/slips, cube, and weight by purchase order.
- Place bills in sequential order as loaded.
- Include the seal number on master BOL.
- Seal number on BOL is **required** to match the seal on the trailer or container without any hand-written amendments or alterations.

**Individual BOL**
- Suppliers are **required** to prepare an individual bill of lading for each final destination address (example: Walmart DC 6092, Spring Valley, IL).
- Include number of cases, pallets/slips, cube, weight, department, and type by purchase order.
- Put all individual bills of lading for the POs on the load in one envelope and write “Deliver to CC XXXX” on the front. (XXXX represents the number designation for the consolidation facility, example: GMC 7100.)
- Attach the master bill of lading to the envelope.

**Intermodal Rail Loads**
- To avoid missing paperwork on intermodal rail loads, we **require** a packet containing all BOLs, including the master BOL, to be placed at the back of trailer (taped to the inside of the right-hand door) when shipping via rail.
- Place a temporary seal on the trailer. The temporary seal protects trailer integrity while waiting for pick-up.
- Prepare BOL packet with the final seal inside the packet.
- Driver arrives to pick up freight and sign all bills.
- Driver and someone from operations break the temporary seal, and either a supervisor or security guard tapes the packet inside the right-hand door of the trailer and re-seals with the final seal.
- Seal number on BOL is **required** to match the seal on the trailer or container without any hand written amendments or alterations.

**Multi-Stop Pickup**
- Multiple Suppliers may share a truck, called a Multi-Stop Pickup, to reduce transportation costs and also reduce Suppliers’ “freight factor.” Each Supplier is responsible for properly loading the trailer to accommodate multiple stops.
- Supplier is responsible for secure load/blocking in their product to ensure their product fits into the space requested during Request for Routing.
- Merchandise must be ready to ship on confirmed date of carrier appointment.

  **See the next page** for more information on loading procedures.

- If product availability causes the incomplete shipping of a purchase order, it is the responsibility of the Supplier to revise the bill of lading to reflect the shipped quantity and ship the remaining cases prepaid to the destination of the purchase order.

**Overflow**
- If there is overflow resulting in the incomplete shipping of a PO or POs due to incorrect loading or improper keying during the routing request, enter a transportation portal ticket at [https://wal-marttransportation.naf.teamsupport.com](https://wal-marttransportation.naf.teamsupport.com) immediately.
- Suppliers are expected to utilize all available trailer space. Pictures of trailer and overflow [https://wal-marttransportation.naf.teamsupport.com](https://wal-marttransportation.naf.teamsupport.com) **required** to be included in the ticket.

Any additional freight costs for shipping the remaining POs to their final destination DC will be charged to the Supplier responsible for the overflow.
**Consolidation Centers, Loading Procedures**

**Proper Loading Procedures**
The figures below illustrate the importance of entering accurate cube information and successfully loading the freight on the trailer. When entering POs into Request for Routing, Walmart’s optimization software expects to utilize trailer space from the floor up to the height of 8 feet.

Refer to the Walmart Transportation and Routing guide for more detail.

**Figure 1** - *Supplier 1* has entered their orders as Floor in RFR and fully utilized the space it has been allocated, allowing *Supplier 2* to fill the rest of the trailer with their palletized freight.

**Figure 2** - *Supplier 1* entered the same cube but has used significantly more space. They have made it impossible for *Supplier 2* to load all their pallets on the trailer. *Supplier 1* has rendered significant cube on the trailer as unusable through misrepresentation of needed trailer space and/or poor loading practices.

**NOTE** - Use load securement to prevent product from shifting during transit.
Consolidation Center Case Shipping Label

Case Shipping Labels
Suppliers shipping into the Walmart Consolidation Centers are required to include the information shown below on their case shipping labels. Walmart does not provide a template for this label or require a specific format for this label. It is the Supplier’s responsibility to create the label.

A case shipping label is required on each case for all shipments into the GM Consolidation Centers (National PO’s written to ACC/MCC* excluded).

Palletized shipments into the ACC/MCC* see the following page.

**NOTE - See appendix A and B for FedEx and UPS small package labeling instructions.**

The recommended size for shipping labels is 4” x 6” when including the barcode information but can vary with different sized boxes as needed. Standard shipping labels are required to contain the following:

**REQUIRED**
- **Ship From Address:** Suppliers address, city, state, zip code
- **Ship To Address:** Walmart DC address, city, state, zip code
- **Destination Facility / Location # with minimum 3/8” character height:** (Walmart DC number, e.g., 06094)
- **SSCC-18 Barcode in GS1-128 Format w/ appropriate application identifier**
- **PO type:** (PO TYPE, e.g., 0020)
- **PO number:** 10 digits (ORDER #)
- **Walmart Item number:** (WMIT)

**OPTIONAL**
- **Department number:** (Walmart DEPT number, e.g., 00013)
- **Expanded GLN Address** (if available for the Ship To Address)
- **Carrier name** (if available)
- **BOL number** (if available)
- **Pro number** (if available)

**Label Placement (Individual Case)**
Place case shipping labels left of center on the longest sides of the case if possible. If the height of the case does not allow, place the shipping label on the top of the case. If artwork or graphics printed on case do not allow for label placement left of center, alternative placement is acceptable.

**Shipping Label and Barcode Verification**
For support on shipping labels, Suppliers can email questions, concerns, and sample labels. Labels will be reviewed to ensure all the required information is on the shipping label and that the barcode scans in the correct format. We do not verify that the information on the label is correct. This is the Supplier’s responsibility. Send correspondence to WMBarcodeLabeling@walmart.com.

**NOTE - ACC/MCC Locations include DC# 6561, 7377, and 6938**
**Consolidation Center Pallet Shipping Labels**

**Pallet Shipping Labels**
A pallet label is **required** when shipping unitized items to the Walmart Consolidation Centers. The pallet shipping label requires the same information as the case shipping label. The pallet label also requires the total number of cases on the pallet. Walmart does not provide a template for this label or require a specific format for this label. It is the Suppliers responsibility to create the label. The SSCC-18 barcode is the required barcode format for all pallet labels.

A Mixed Item pallet label is **NOT ALLOWED** to contain the orderable GTIN in either ITF-14 or GS1-128 formats.

- If a unitized load is made up of one item, the label is **required** to list the Walmart item number below the purchase order number. If more than one item is on the pallet, the WMIT is **required** to read Mixed Pallet.
- Pallet labels are **required** on at least 2 adjacent sides of the pallet on the upper right side, preferably in between layers of stretch wrap.
- The use of SSCC-18 barcode does not negate the requirement of the orderable GTIN barcode at the case level.

**REQUIRED**
- **Ship From Address:** Suppliers address, city, state, zip code
- **Ship To Address:** Walmart DC address, city, state, zip code
- **Destination Facility / Location # with minimum 3/8” character height:** (Walmart DC number, e.g., 06094)
- **SSCC-18 Barcode in GS1-128 Format w/ appropriate application identifier**
- **PO type:** (PO TYPE, e.g., 0020)
- **Department number:** (Walmart DEPT number, e.g., 00013)
- **PO number:** 10 digits (ORDER #)
- **Walmart Item number:** (WMIT)
- **Qty of Cases on Pallet:** (Pallet Label only)

**OPTIONAL**
- **Department number:** (Walmart DEPT number, e.g., 00013)
- **Sequential Numbering of Pallets**
- **Expanded GLN Address** (if available for the Ship To Address)
- **Carrier name** (if available)
- **BOL number** (if available)
- **Pro number** (if available)

---

**Single SKU pallet label**

![Single SKU pallet label](image)

**Mixed pallet label**

![Mixed pallet label](image)
Pallet Shipping Labels – Pallet Pull / PDQ

Pallet Pull and PDQ Display Pallet Labels

A pallet label is required when shipping unitized items to the Walmart Consolidation Network. Walmart does not provide a template for this label or require a specific format for this label. It is the Suppliers responsibility to create the label.

The SSCC-18 barcode is the required barcode format for all pallet labels. In addition to the SSCC-18 barcode, the 14-digit case (orderable) GTIN is required on the pallet label only when the item is a full Pallet Pull or PDQ Display.

- Pallet labels are required on at least 2 adjacent sides of the pallet, preferred on the upper right corner. It is best practice to place the label between layers of stretch wrap.
- Pallet Placards are required for both pallet pull and PDQ displays. See the Pallet Placards section of General Requirements for detail on pallet placards.

**REQUIRED**
- **Ship From Address:** Suppliers address, city, state, zip code
- **Ship To Address:** Walmart DC address, city, state, zip code
- **Destination Facility / Location # with minimum 3/8” character height:** (Walmart DC number, e.g., 06094)
- **SSCC-18 Barcode in GS1-128 Format w/ appropriate application identifier**
- **PO type:** (PO TYPE, e.g., 0020)
- **PO number:** 10 digits (ORDER #)
- **Walmart Item number:** (WMIT)
- **14 Digit Supplier Pack (Orderable) GTIN Barcode:** ITF-14 and/or GS1-128 (w/appropriate application identifier) format

**OPTIONAL**
- **Department number:** (Walmart DEPT number, e.g., 00013)
- **Sequential Numbering of Pallets**
- **Expanded GLN Address** (if available for the Ship To Address)
- **Carrier name** (if available)
- **BOL number** (if available)
- **Pro number** (if available)
- **Qty of Cases on Pallet:** (Pallet Label only)
- **# of cases:** (48 cases)
- **Orderable GTIN** (Required)
- **SSCC-18 barcode** (Required)

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Consolidation Centers, Multiple POs per Pallet (MPP)

Why use MPP?
- Improved Cube Utilization
- Improved Accuracy
- Reduction in Handling

How to use MPP?
Email: logpkg@wal-mart.com to verify eligibility.

See the following pages for requirements.

**NOTE** - MPP-multiple destination pallets and slip sheets are **NOT ALLOWED**.

BEFORE
Multiple POs on Multiple Pallets

AFTER
Multiple POs on One Pallet
Consolidation Centers, MPP Same Destination Pallet

**Same Destination Pallet Requirements**

- **When to use:** Suppliers with more than one department have orders with multiple POs for the same distribution center.
- Consolidation centers will not break down pallet. The entire pallet will ship to designated DC.
- Visible tier sheets are **required** to separate POs.
- BOL is **required** to have a pallet, case count, and weight for each PO.
- Cases are **required** to be individually labeled with a Walmart shipping label.
- PO **TYPE**
- You are **required** to use MPP placards. (See below.)
- Palletize orders in full layer or greater quantity.
- Configure pallets with flat tops to allow stacking of pallets.
- Small orders less than 1 layer should load as loose cartons in front of or on top of pallets in the trailer.

**MPP Placard**

- **Placard size:** 8.5” x 11”
- 1 placard is **required** on all 4 sides of every pallet grouping. The placard is **required** to be clearly visible to the unloader.
- **Required color:** Orange (PMS 165 C is preferred)
- **Font:** Arial Regular | **Font size:** 44pt. | **Font color:** Black
- DC Number is **required** to be UNDERLINED.
- List all POs and case counts combined on the pallet.

**MPP-multiple destination pallets and slip sheets are NOT ALLOWED.**
Consolidation Center, Order Unitization

Order Unitization

Some orders that ship into the consolidation network may not be large enough to ship as palletized freight. If a supplier has several small orders they may choose to unitize each order separately for delivery to the consolidation center. This method may not be used for any orders that create a full pallet layer or more of product. Please follow standard instruction for shipping those items. Unitized orders may be floor loaded to a trailer or placed loose onto a pallet for shipment to consolidation.

If you choose to use this method to ship your items, you are required to meet the following instruction:

• Unitized Orders must be smaller than a full pallet layer of product.
• Unitized Orders must consist of more than 1 carton of product.
• No less than 3 and no more than 5 layers of stretch wrap may be used on each Unitized Order.
• Pallet Shipping Label is required to be applied to each Unitized Order (Do not apply a pallet label to the full pallet if the unitized orders are placed on a pallet).
• If unitized orders are placed on a pallet, stretch wrap is NOT ALLOWED to secure the separate unitized loads to the pallet.
• Requirements for Master and Individual BOL’s shown in this consolidation center section of the standards is required to be met.
• Unitized Order may not exceed 50 lb weight.
• Product cannot be configured on the pallet such that it falls over when moved with a forklift.
• Suppliers are required to properly block and brace all shipments to withstand the rigors of transportation from their ship point location to the DC.
• If placed onto a pallet the unitized orders must be capable of supporting a pallet stacked on top of it.
• If a unitized load consists of multiple PO’s shipping to the same destination DC the supplier is required to use the same destination placard shown on the previous page.

NOTE - This Instruction applies to shipments into GM Consolidation Centers (shipments to ACC/MCC may not use this instruction. ACC/MCC Locations include DC# 6561, 7377, and 6938).

NOTE - For additional questions and support please reach out to the Supplier Solutions Team at SSMailbox@walmart.com. You may want to reach out to this team to review your Ti-Hi, MOQ, and other order settings.

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Walmart USA and Puerto Rico Case Markings

**NOTE -** These requirements are in addition to any other labeling required for shipping cases which also serve as retail packaging. Follow any additional packaging instructions from buyers, unless those conflict with instructions in this document or in the requirements below.

**Import Supplier Guidelines for USA and Puerto Rico**

Import Suppliers must follow the instructions for general merchandise case markings, pallet quality, footwear size-run markings, and general inner pack marking requirements found in the Case Markings section of the Walmart Supply Chain manual.

**Walmart Shipments Only**

This applies to direct import shipping case barcode labels for Walmart Puerto Rico, Walmart USA, and Walmart.com purchase order (PO) shipments only.

**Direct Import Case Markings**

All items that ship into the Walmart Import Distribution Centers are **required** to have a shipping mark applied to them. This shipping mark can be printed directly to the corrugated carton, applied with a label, or any combination of these 2 methods. Supplier can create their own labeling or, alternatively, may purchase approved labels from Avery Dennison (See Appendix F).

The following information is **required** on a minimum of one side of all shipping cartons:

<table>
<thead>
<tr>
<th>REQUIRED</th>
<th>OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Department number: Walmart DEPT number (Optical Dept. 49 is exempt from this requirement)</td>
<td>Sequential numbering of cartons</td>
</tr>
<tr>
<td>PO number: 10 digits (ORDER #)</td>
<td>Qty of items contained in carton</td>
</tr>
<tr>
<td>Walmart item number: (WMIT)</td>
<td>Brand/sub-brand name</td>
</tr>
<tr>
<td>Supplier stock number</td>
<td>Item description</td>
</tr>
<tr>
<td>Supplier pack (orderable) GTIN barcode in ITF-14 format (Must match information published to Item 360. If the PO lists the entire unitized load as a vendor pack, the barcode is only <strong>required</strong> at the pallet level.)</td>
<td>Color/size/style</td>
</tr>
<tr>
<td></td>
<td>Country of origin</td>
</tr>
</tbody>
</table>

**NOTE - For eCommerce only:** When the vendor case quantity is equal to 1, meaning one selling unit is within its own shipping case, a UPC-A (GTIN12) or EAN (EAN13) formatted barcode is **required** on the outer case.

**NOTE - For eCommerce only:** When the vendor case quantity is greater than 1, a UPC-A (GTIN12) or EAN (EAN-13) formatted barcode is **NOT ALLOWED** on the outer case. For more detail, refer to the eCommerce section of this manual.

**NOTE - For optical items shipped by sea to other PO destinations,** the Supplier applies the direct import shipping case barcode label described in the Shipping Label section of this manual.

**NOTE - For information on ITF-14 barcode size and quality requirements,** see the ITF-14 Barcode section of this manual.

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Walmart USA and Puerto Rico Case Markings, cont....

Lithium-Ion or Lithium Metal Batteries, Airfreight Shipments

- One of the major risks associated with the transport of batteries and battery-powered equipment is short circuit of the battery as a result of the battery terminals coming into contact with other batteries, metal objects, or conductive surfaces. Packaged batteries or cells are *required* to be separated in a way to prevent short circuits and damage to terminals. They must be packed in a strong outer packaging or contained in equipment.

- A Class 9 hazard label is *required* on at least one side, in addition to other *required* case markings for shipments containing lithium-ion or lithium metal batteries.

- Markings are *NOT ALLOWED* to be obstructed or covered by any other labeling.

- Labels are *NOT ALLOWED* to be folded over the edge of the shipping case.

- Cases that do not comply must be relabeled prior to shipping from a Walmart facility at the Supplier’s expense.

Case markings must include:

```
CARGO AIRCRAFT ONLY
FORBIDDEN IN
PASSENGER AIRCRAFT
```

Additional guidance related to lithium batteries can be found on Walmart Retail Link at: Docs > Global Direct Imports Information > Airfreight Procedures - Lithium Battery Airfreight Placard Example.


*NOTE - Supplier is required to meet all regulatory markings for shipment and distribution of products.*
Walmart USA and Puerto Rico Case Markings, cont...

Direct Import Case Marking Requirements

Walmart requires that, prior to inspection of the goods, Suppliers apply the direct import case markings or the Avery Dennison direct import shipping label to each shipping case (vendor pack in the Walmart PO) shipped to Walmart USA and Walmart Puerto Rico.

When using the direct import shipping label, Suppliers are NOT ALLOWED to change the labels in any way or make photocopies of the labels. Throw away all extra labels for each purchase order.

Direct Import Shipping Label Exceptions

Supplier applies the case labels, except for the following shipments:

- High-value jewelry (Dept. 32) shipped by air to Bentonville, AR; Marlow, OK; or New York, NY

- Optical (Dept. 49)

- All sample products

- Fixtures (Dept. 75) that are not being shipped to a Walmart import distribution center (IDC) or regional distribution center (RDC). The shipment comments in the Dept. 75 PO state whether a shipping case barcode label is required.

Direct Import Case Marking Placement

- Direct import case markings should be applied to the longest side of the case if space allows. If there is not enough room for the entire label, it may be applied to half top and long side (see example below).

- Walmart requires only 1 marking per case (more may be used).

- Placing the marking on the bottom of the case or over printed graphics on display cases is NOT ALLOWED.

Direct Import Case Marking Locations

The location of your case markings may vary because of other required case markings. This is acceptable as long as the marking or label (or bottom half of label) is applied to the long side of the case. No part of the label may be applied to the bottom of the case.

**NOTE** - Each PO may have different case marking requirements. If the Supplier applies additional markings or labels for the Supplier’s own needs, this is acceptable as long as the additional markings or labels do not conflict with Walmart’s requirements.

Walmart’s own private label products must comply with Walmart’s General Merchandise Case Marking requirements. Below are examples of possible markings and label locations.
Walmart USA and Puerto Rico Case Markings, cont...

Direct Import Case Marking Placement Exceptions

Some products (such as ready-to-assemble furniture) are commonly packed in tall/narrow retail packages which cannot stand up without support. If these retail packages are also the shipping case, the “sides” are effectively the top and bottom when inducted into automated facilities. When loaded on a pallet inside a shipping container, the shipping case will be loaded for stability first, therefore effectively hiding the sides. If the Supplier places the case markings on one of the “sides,” they will not be visible when the cases are stacked for loading. For these situations, the Supplier can place the case markings on the end or top, as long as the case markings are facing outward when loaded.

Items Sold in Multiple Shipping Cases

If an item consists of parts that are shipped in separate shipping cases but are sold together as a single sales unit, the Supplier is required to place the direct import case markings, including the ITF-14 barcode, on only one of these cases. (Example: 5-pc table and chair set with table in one box, two chairs in a second box, and two chairs in a third box.)

The Supplier is required to clearly mark the Walmart Item Number on each carton and mark each package as part of the set. (Example - Box 1 of 3, Box 2 of 3, and Box 3 of 3.) All cartons from a set are required to ship on the same container.

Unitized Shipments

Apply the direct import shipping case barcode label to the transport packaging (the vendor pack in the Walmart PO).

- Shipping on pallets to the Walmart IDC is allowed only for specific programs or with special permission due to product requirements. Contact the Walmart Senior Packaging Manager at logpkg@walmart.com for more information.

- If the PO lists the individual shipping cases as vendor packs, then application of the direct import case markings on each case is required.

- If the PO lists the entire unitized load as the vendor pack, then the Supplier is required to apply the direct import shipping case label to the unitized load. If the unitized load is stretch-wrapped, apply the label to the outside of the stretch wrap.

- All unitized loads in stretch wrap require an additional domestic import shipping label to be applied to the stretch wrap.

- EXCEPTION: If the unitized load is fully enclosed as one large case (covered with a corrugated shroud), apply one label to the unitized load, regardless of whether the PO lists individual shipping cases as the vendor pack.
Walmart USA and Puerto Rico Case Markings, cont...

Direct Import Slip Sheet Rules
- Slip sheets may only be used for storage orders on PO type 40 with warehouse number other than “0000” shown on the PO.
- Flow orders are NOT ALLOWED to be placed on slip sheets.
- If any side of your case is greater than 1,200 mm, it is considered an oversized case.
- **Auto Release**: Supplier may ship on a slip sheet with their own loading plan.
- Contact Global Logistics for approval if the cube usage is less than 85%.
- These guidelines do not cover orders with Retail Ready Packaging, including PDQ displays and SRPs (shelf ready packaging).

Direct Import Slip Sheet Construction
- Bandings, straps, twine, netting, and corner boards are NOT ALLOWED.
- Corner boards are acceptable for PDQ displays and RRP packaging.
- If Supplier is unsure of slip sheet stability without corner board usage, contact Walmart Global Logistics team for guidance. See next page for contact information.

Golden Rule Flowchart

1. **Is any side of case greater than 1,200 mm (47.24")?**
   - Yes → **Ship in loose case**
   - No → **Is case cube greater than 0.03 CBM?**
     - Yes → **Is cube usage equal to or greater than 85%?**
       - Yes → **Ship on slip sheet**
       - No → **Contact Global Logistics for slip sheet approval**
     - No → **Ship in loose case**
2. **Is case weight equal to or greater than 27 kilograms (59.52 lbs)?**
   - Yes → **Is cube usage equal to or greater than 85%?**
     - Yes → **Ship on slip sheet**
     - No → **Contact Global Logistics for slip sheet approval**
   - No → **Is case cube greater than 0.03 CBM?**
     - Yes → **Is cube usage equal to or greater than 85%?**
       - Yes → **Ship on slip sheet**
       - No → **Contact Global Logistics for slip sheet approval**
     - No → **Ship in loose case**

Direct Import Slip Sheet Size
- Standard slip sheet footprint (excluding the lip) for imports to Walmart U.S. is 1,150 mm x 1,000 mm and the height is 1,300 mm max. or 1,150 mm max when non-HC container is used (45.27” x 39.37” x 51.1811” max. height, or 45.27” when a non-HC contain is used).
- The standard slip sheet size is designed for 48 slip sheets to be loaded in a 40HC container, i.e., 2 wide x 2 high x 12 deep.
- Each slip sheet pack should have at least 1 lip, or ideally 2 or more, with 100–150 mm in depth (3.93”-5.9”).
- Irregular slip sheet size can be requested but is subject to approval of Walmart Global Logistics team.

Direct Import Slip Sheet Loading Plan
- A single slip sheet is required to consist of one single item only; mixed items on one slip sheet are NOT ALLOWED.
- Slip sheet size is dependent on the dimensions of the cases loaded on it. The slip sheet loading plan should maximize the space of the stack, i.e., load as many cases as possible within the space of 1,150 mm x 1,000 mm x 1,300 mm (45.27” x 39.37” x 51.1811”).
- Always design slip sheet based on 1,150 mm x 1,000 mm x 1,300 mm first (45.27” x 39.37” x 51.1811”). Only when cube usage is less than 85% may you use 1,150 mm x 1,000 mm x 1,150 mm (45.27” x 39.37” x 45.27”).
- TI/HI for each item is required to be consistent. Using a different TI/HI on one slip sheet is NOT ALLOWED.

Direct Import Slip Sheet Stacking Weight
- Unitized load on the slip sheet is required to weigh less than or equal to 1,100 kgs.
- If there is concern on the use of fiberboard slip sheet, contact Walmart Global Logistics team for plastic slip sheet approval. See next page for contact information.
Walmart USA and Puerto Rico Case Markings, cont...

Direct Import Slip Sheet Container Loading

- One 40HC container can be loaded with 48 full slip sheets. It is required that 1,150 mm long side face the container door and the slip sheet lip is available to remove the unitized load.

- Large empty spaces between unitized loads are required to be filled with void fill materials (such as air bags or air pillows).

- Large empty spaces between unitized loads and container wall may be filled with loose cases or void fill materials.

- Loose cases are NOT ALLOWED to be placed on top of slip sheets.

- Netting or strings should be used as needed near the container door to prevent stack shifting or collapse.

European Region
European Global Logistics Team: gploguk@walmart.com

Asia Pacific Region
US Execution Team, Global Logistics: glexeus@Walmart.com

Indian Sub-Continent
ISC Global Logistics Team: logmgrisc@wal-mart.com
Walmart USA and Puerto Rico Case Markings, cont...

Additional Markings for Walmart USA and Puerto Rico
For additional case marking requirements for Walmart USA private brand orders, refer to General Merchandise Store Case Labels and Markings section of this manual.

Some departments ask Suppliers to mark cases with colors to represent a category of merchandise. Colors may change from year to year. Color-coding may be at buyer’s discretion. If buyer requires color-coding, this will be communicated to the Supplier at finalization.

For shipping cases which also serve as retail packaging, include all applicable retail case markings and labels.

The Supplier may include additional information on inner packs for internal use, but each inner pack will require the following information:

- Inner pack GTIN barcode in ITF-14 and/or GS1-128 (w/appropriate application identifier) format (Must match information published to Item 360. If a UPC-A or EAN-13 from the individual selling unit is visible through the packaging, the orderable GTIN barcode is not required.)
- Product description
- Supplier stock number (Must match information published to Item 360.)
- Quantity of selling units (if pack size is greater than 1)
- Walmart item number (required for Assortments only)
- Store Case markings (required for private brand items only)

NOTE - For private brand cases too small for minimum case marking sizes, smaller marks are acceptable as long as the marks are legible for all items other than GTIN barcodes.

For Bagged Produce items refer to “Palletized Shipments” section for additional information.

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Walmart USA and Puerto Rico Case Markings, cont...

Case and Package Quality Guidelines
Walmart prefers automation eligible cases (cases that can move easily throughout the DCs automated systems).

Quality standards
For Walmart's case quality standards, refer to Case Quality section of this manual.

Case and packaging priorities
Direct import case and packaging requirements are in addition to domestic requirements. Where direct import requirements are an exception to domestic requirements, the direct import requirements take priority.

Automation Eligible
Walmart prefers automation eligible cases (cases that can move easily throughout the DCs on conveyors). Avoid using automation ineligible cases, including dimensions or weights which are under the minimum or over the maximum requirements.

<table>
<thead>
<tr>
<th>Minimum requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.4&quot; L x 5.0&quot; W x 2.0&quot; H</td>
</tr>
<tr>
<td>163mm x 127mm x 51mm</td>
</tr>
<tr>
<td>(minimum 1 lb.)</td>
</tr>
<tr>
<td>(0.45 kg)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Maximum requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>36&quot; L x 24&quot; W x 16&quot; H</td>
</tr>
<tr>
<td>915mm x 610mm x 407mm</td>
</tr>
<tr>
<td>(maximum 50 lbs.)</td>
</tr>
<tr>
<td>(23 kg)</td>
</tr>
</tbody>
</table>

Additional Quality Standards for Direct Imports
- **Perforated cases** must withstand warehouse handling without damage to the case.
- **All liquids** must be marked **THIS SIDE UP** and shipped accordingly.
- **Hazardous material packaging** must comply with all ISPS requirements and all requirements set forth in the US Department of Transportation’s hazardous material approval letter.
- **Bags** must be enclosed within a box.
- **A box with bands or straps** is automation ineligible and **requires** special handling at additional expense to the Supplier. See Automation Eligible & Ineligible Cases section of these standards for additional detail.

Master Case Markings
**IMPORTANT** - All shipments, whether delivered to the carrier or origin cargo manager, are **required** to have correct markings and appropriate shipping marks. The Supplier obtains necessary information from the PO. Any incorrect case marking results in re-marking of the case or inner box at the Supplier’s expense. The fee is US $1.00 per case.

Case and packaging priorities
- For case markings and case labeling of direct import shipping cases, these requirements take priority if the case serves only as a shipping case.
- If the case serves also as retail packaging, then any domestic retail packaging requirements are in addition to these shipping case requirements.
- The exception to the above rule is that specific requirements published by an individual department are in addition to the direct import shipping case requirements.

Case and Packaging Exceptions
For exceptions to case or packaging quality or markings requirements, contact the Walmart Global Sourcing (WGS) merchandiser or Walmart Direct Imports department import manager, depending on who sourced the goods.

**NOTE** - If the exporting country or air carrier requires banding or strapping, the Supplier does not need approval.
Jewelry Distribution - Overview

Jewelry DC Requirements
Suppliers shipping into the Walmart Jewelry DCs (JDCs) are required to adhere to all general case markings, case quality, and pallet standards as well as all Shipping and Routing Documentation Standards. The JDC processes small case, high-value items safely and efficiently for movement to stores.

Suppliers may also choose to use secured carriers for high-value shipments. These shipments must follow the shipping and routing protocols advised by the secured carriers and are required to maintain Walmart labeling standards.

Case Size Requirements
Suppliers shipping into the Walmart Jewelry DCs (JDCs) are required to pack their items in vendor packs that do not exceed the following dimensions:

<table>
<thead>
<tr>
<th>Inbound Case Maximum Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Length (in.)</td>
</tr>
<tr>
<td>Watches</td>
</tr>
<tr>
<td>Fine Jewelry</td>
</tr>
</tbody>
</table>

Packaging Requirements
Suppliers shipping to the JDCs will need to meet specific packaging requirements in order to keep our shipment processing secure and efficient.

- Each item is required to be individually poly bagged and placed into the bag of 50 loose.
- It is NOT ALLOWED to staple or otherwise secure individual poly bags to each other.
- All merchandise should be in vendor packs of 50 pieces, unless otherwise approved by the buyer.
- Individual 50 pieces are required to be placed into a larger ziplock bag. Do not substitute envelopes or other style bags for the ziplock bag.
- IGI certificates are required to be placed inside the individual bag with the item.
- Each 50-pack is required to have an information label placed on it. Using the information sticker to close the bag is NOT ALLOWED as it will be damaged when the item is inspected.

Information Label Requirements
- Each vendor pack is required to have a packing list inside the box.
- Each case is required to be sequentially numbered if more than 1 case is being shipped per the PO. Example: Box 1 of 5, Box 2 of 5, Box 3 of 5, etc.
- Internal case dunnage is required to be bubble wrap or full sheets of paper.
- Styrofoam peanuts, shredded paper, and other dunnage is NOT ALLOWED.
- UPC tags on merchandise are required to be visible so items can be test scanned.
- Pendant tags are required to be left outside of the small envelope on the back of the pad so they are able to be scanned.
- All Gift Box Merchandise is required to be boxed.
- Bagging this type of freight is NOT ALLOWED.
- Information sticker is required on the short end of the box. Do not place it on the top of the box as it will get damaged when opened.

NOTE - For more information on Primary Packaging and UPC tags for jewelry items, see http://1.r.homeoffice.walmart.com/marketing/packaging_toolkit.aspx.
Optical Distribution Centers

Optical DC Overview

- Optical DCs process freight in full pallet quantity, individual case quantity, and break pack quantity.
- Optical DCs receive freight designated as vendor packs and break packs.
- Receiving pallets are stored in a reserve location until needed for order fulfillment.
- Completed store orders are shipped via small parcel carriers to Walmart Vision Centers.

- Optical DCs contracts 3rd-party carriers that utilize a hub-and-spoke network.
- Suppliers shipping to the Optical Network are required to adhere to all General Merchandise case quality and industry/regulation marking standards as well as all Shipping and Routing Documentation standards.

Inner Pack Markings

Inner packs are warehouse packs that will be broken out and sent to individual stores by the DC. Inner packs are required to be properly secured so the single selling units do not come loose during the order fulfillment process. All Accessories, Contacts, and items other than Frames (with or without cases) must adhere to general inner case marking standards.

Walmart requires that Frames (with or without cases) meet the following requirements:

- Labels for frames are required to be 4” x 3”.
- Labels for frames are required to be placed on the short side of the case (6.25”).
- Labels for frames are required to include the following information:
  - Frame name
  - Item number
  - UPC barcode and human readable number
  - Color
  - Measurements
  - Quantity

Inner pack frame label (sample)
Optical Distribution Centers, cont...

Optical DC **Required** Frame Packaging

- Inner pack cartons for Frames are **required** to be constructed from one of the following materials:
  - Solid Bleach Sulfate (SBS)
  - Coated Unbleached Kraft (CUK)
  - Coated Recycled Paperboard
  - Uncoated Kraft Paperboard

- Inner pack cartons for Frames are **required** to be die cut in no caps except (TT)

- Paperboard/corrugated inserts are not required and are allowed if the Supplier is using them to ensure proper shipping.
  - If used, these inserts are not required to be printed.

- Frames are **required** to be packaged 10 per inner pack carton.

- UPC Tags are **required** to be placed on the earpiece of the frame.
  - The tag is **required** to wrap around the ear piece and stick together.
  - The wrap that touches the earpiece is **NOT ALLOWED** to be sticky.
  - The wrap that touches the earpiece is **required** to not slide on the frame.

- Plastic sleeves to hold the Frames
  - Ziplock bags are **NOT ALLOWED** except for the chassis frames or multiple pcs.
  - Placing sleeve over earpieces are not required if the frame is in a bag.

**Frames with Cases:**
- Frames with cases are **required** to have the following outside dimensions:
  - 6.25" W
  - Cartons with greater than 13” depth are **NOT ALLOWED**.

**Frames without Cases:**
- Frames without cases are **required** to have the following outside dimensions:
  - 6.25" W
  - 8.50" L
  - 4.25" D

**Frame Testing:**
To be compliant with FDA requirements on product control, Walmart has adopted 2015 ANSI standards for frame testing.

- 5.2.1.2 DBL dimension
- 5.2.1.3 Thickness of Eyewires
- 5.2.1.4 Eye Size (stamped vs. actual)
- 5.2.1.5 Inside Eye Shape and Circumference
- 5.3.0.0 Temple Measurements
Optical Distribution Centers, cont...

Optical DC Palletization

- Suppliers are **required** to meet Walmart Standard Pallet Requirements.
- Suppliers are **required** to meet Walmart General Pallet Labeling Requirements.
- Pallets are **NOT ALLOWED** to be greater than 72” tall including pallet (67” without the pallet).
- Suppliers are **required** to ensure all loads are scheduled with the Optical DC.
- Master packs are **NOT ALLOWED**.

**See Pallet Label and Placards Section for more information on pallet labeling requirements.**

**See Pallet Standards Section for more information on pallet requirements.**
Pharmacy Distribution Centers, Overview and Inner Packs

**RxDC Overview**
- RxDCs process freight in full pallet quantity, individual case quantity, and break pack quantity.
- Recommend all shipments be palletized.
- RxDCs only receive freight designated as Staple Stock (held in DC inventory).
- Receiving pallets are stored in a reserve location until needed for order fulfillment.
- Order fulfillment occurs via a pick-to-light or A-Frame system.
- Completed store orders are palletized, stretch-wrapped, and loaded onto outbound trailers.
- RxDCs contracts 3rd-party carriers that utilize a hub-and-spoke network.
- Suppliers shipping to the RX Network are **required** to adhere to all General Merchandise case quality and industry/regulation marking standards as well as all Shipping and Routing Documentation standards.

**Inner Pack Markings**
Inner packs are warehouse packs that will be broken out and sent to individual stores by the DC. Inner packs are **required** to be properly secured so the single selling units do not come loose during the order fulfillment process.

Walmart **requires** that each Prescription Drug lowest saleable unit is labeled according to the Healthcare Distribution Alliance (HDA) “Guidelines for Barcoding in the Pharmaceutical Supply Chain.”

Applicable Rx products must also contain a 2D GS1 DataMatrix containing the DSCSA product identifier attributes (GTIN, no caps).

**Inner Pack Structural Guidelines**
- Inner packs are **required** to be able to be engaged as individual units to be picked and separated.
- Excess glue sticking out from closures is **NOT ALLOWED**.
- Rubber bands, paper-based sleeves, plastic sleeves are **NOT ALLOWED**.
- Glass, ceramic, and fragile items are **required** to be properly packaged to minimize the risk of damage throughout the supply chain.
- Corrugated dividers or partitions are **required** to eliminate glass-on-glass contact and prevent breakage.
- Padding on the bottom of the case is **required** to be sufficient to protect against bottom tray wear during transportation.

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Pharmacy Distribution Centers, Case Labels and Markings

Case Label and Marking Guidelines

- Walmart requires that each Prescription Drug homogeneous case is labeled according to the Healthcare Distribution Alliance (HDA) “Guidelines for Barcoding in the Pharmaceutical Supply Chain.”

- A combination of both GS1-128 and GS1 DataMatrix are required to be used at the homogeneous shipping case level.

- Homogeneous cases are required to unambiguously identify the product trade name, strength, GTIN, lot/expiration date, and quantity contained in the case.

- All refrigerated product is required to be clearly labeled and separated from ambient product.

- All cases containing fragile merchandise are required to be clearly marked with a graphic icon depicting the fragility of the merchandise.

- Online item file is required to reflect what is printed on the vendor case pack. Verify that the information printed on the case matches Walmart Retail Link.

- Product identification labels are required on a minimum of two adjacent sides on each case.

- Use a wraparound label or use two separate but identical labels on adjacent sides.

- Once the label is affixed to the case, ensure that there is a sufficient barcode “quiet zone” in the center of the label and that the barcodes on both halves are readily scannable.

- Case labels should be no closer than 1.25” from the bottom of the case.

- Affixing a case label to the top or bottom of the case is NOT ALLOWED.

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Pharmacy Distribution Centers, Shipping Label and Packing List

Shipping Label Guidelines

- Walmart RxDC requires that a Serialized Shipping Container Code (SSCC) label is affixed to each individual shipping mix case or pallet.

Standard shipping labels are required to contain the following:

- Ship from address: Supplier’s address, city, state, and zip code
- Ship to address: Walmart DC address, city, state, and zip code
- To postal barcode (optional)
- Carrier name (if available)
- Pro number (if available)
- BOL number (if available)
- Facility/location (5 digits)
- Walmart DC number, e.g., 06001
- PO number (10 digits)
- Walmart item number (WMIT)
- NDC number or “MIXED” if case or pallet has mixed SKUs
- Quantity – number of cases contained on the pallet
- GS1-128 barcode containing an 18-digit SSCC code

FedEx and UPS Labeling:
- The Walmart PO number is required to be provided.

Packing List

- Required to be attached to the outside of the last box/pallet loaded on the trailer.
- Required be facing outward on the pallet or box in clear view of the unloader.
- A second packing slip should be made available to the carrier with the BOL and the freight bill for presentation at the warehouse receiving area.
- If shipping LTL, a packing slip is required to be attached to the outside of one case for each purchase order.

The packing list is required to contain the following:

- PO number
- Ship to name and address
- Shipper’s name and address
- Product name, strength, dosage form, container size
- National Drug Code (NDC)/Supplier stock number
- Lot number
- Case count per item
- Total case count shipped

Each pallet, with either mixed products or purchase orders, is required to have a container list identifying the POs, items, and quantities on that pallet.
# Goods Not For Resale (GNFR)

**GNFR Shipping Labels**
Goods not for resale include fixtures, displays, non-working displays (NWD), signage, and other equipment that is not available for sale to customers inside our stores.

**Shipping Label Requirements**
- Shipping label is **required** to have a yellow background with black printing.
- Shipping label is **required** to be 4” x 6”.
- Shipping label is **required** in the upper left corner of the case on the longest side of the case.
- If this location is awkward or otherwise not possible, it may be applied in a location that is convenient for viewing and processing.
- Adhesive is **required** to be capable of adhering to an applied surface for a minimum of 6 months in an ambient environment.
- Label printing is **required** to not fade for a minimum of 6 months in an ambient environment.
- Barcode is **required** to be in either CODE 39 or CODE 128 format and meet or exceed ANSI standard print grade B. The barcode will represent the SAP# assigned the item.
- For items that the SAP# has not been assigned, Supplier is **required** to use the description “FIXTURE”, “DISPLAY”, “SIGNING”, or “OTHER” in 32 pt. font in place of the SAP# and SAP barcode.

<table>
<thead>
<tr>
<th>REQUIRED</th>
<th>OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Ship from address:</strong> Supplier’s address, city, state, zip code</td>
<td><strong>PO number - 10 digits (ORDER #)</strong></td>
</tr>
<tr>
<td><strong>Ship to address:</strong> Walmart DC address, city, state, zip code</td>
<td><strong>CODE 39 or CODE 128 barcode representing SAP#</strong></td>
</tr>
<tr>
<td>Facility/Location - 5 digits (Walmart DC number, e.g., 06094)</td>
<td><strong>BOL number (if available)</strong></td>
</tr>
<tr>
<td><strong>Postal barcode</strong></td>
<td><strong>Pro number (if available)</strong></td>
</tr>
</tbody>
</table>

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Cold Chain Compliance Requirements

Program Purpose
- To maximize efforts to ensure uniformity in temperature reporting and measurement throughout Walmart’s cold chain network for specific commodities.
- To enable electronic record keeping for temperature data on inbound shipments to Walmart facilities.
- To provide Walmart Suppliers the capability to receive temperature data on loads experiencing temperature excursions from the technology vendor (Emerson).

Program Implementation
- All fresh produce, meat, seafood, and floral Suppliers are required to utilize Emerson GO wireless temperature recorders on all pre-cooled inbound shipments to our food distribution centers, food import centers, fresh solution centers, and food cross docks.
- This program does not include frozen, dairy, or deli at this time but may include these commodities in the future.

Process Changes
- The intent of this program is to transition all Suppliers currently using temperature recorders to the Emerson GO Wireless recorder.
- This program does not mandate Suppliers to begin using temperature recorders where they are not currently required.
- HACCP product requires 1 Emerson Go Wireless temperature sensor per PO.
- Meat, Produce, and Floral product requires a minimum of 1 Emerson Go Wireless temperature sensor per trailer.
- On mixed product loads (HACCP and other commodity), HACCP temperature sensor will count as trailer level requirement.

Program Execution
- Temperature recorders must be accompanied by orange “Temperature Monitoring” placards (inserts) supplied by Emerson to indicate the location of each recorder.
- Place placard with sensor on face of pallet, 2-3 feet down from top, on the right or left side away from chutes discharge area.
- Do not place sensor on trailer wall, and avoid placing sensor facing trailer door on the tail of the trailer.
- Avoid placing sensor horizontally on top of pallet.
- All temperature recorders placed on inbound shipments are required to be linked to their corresponding PO# in Emerson’s system (see instructions, demonstrations, and the Emerson Portal at https://climate.emerson.com).

Temperature Monitoring placard with recorder (example only)

NOTE - For more information contact CargoSupport@Emerson.com or call (877)988-7299.

Refer to the Temperature receiving chart in Appendix D for required receiving temperature.
Egg Packaging and Case Labels

Egg Case Label
The Egg case label provides industry standard data to speed the inventory flow of eggs though the supply chain. The information on the label is required to be both scannable and readable. Use of the Egg case label replaces general case marking requirements.

The Egg case label format and size are required to meet the standards shown in the graphics on this page. Placing one label over another is NOT ALLOWED.

Additional Markings for Meat and Poultry
All Egg shipments for Dept. 90 are required to include the following information:

- Vendor of record name, address, and phone number
- Best by date
- Brand name and product description: Count, size, grade, and the word “EGG” are required in ALL CAPS.
- Keep refrigerated statement
- Case pack size and quantity: Must include the total quantity of selling units and individual units within the case.
- Shipping container stock number: The last 5 digits of the item UPC with no check digit
- Julian date and plant number
- 14 Digit Supplier Pack (Orderable) GTIN Barcode: ITF-14 and/or GS1-128 (w/appropriate application identifier) format

Egg Case Label Location
A minimum of 1 Egg case label is required on the short side of each carton or RPC. This label is required to be visible from at least 1 side of the pallet when palletized. Additional labels may be placed on any other side of the carton.

Egg Case Selling Units
Egg cases that flow through the distribution centers to the stores in the same carton that will be sold to the customer are required to have the Julian date, plant number, best by date, and product barcode printed or applied to the front of the case. The product barcode may be in UPC-A, ITF-14, or GS1-128 format with appropriate application identifiers. This information is required to be visible on at least 1 side of the pallet when palletized. If you choose to use the ITF-14 or GS1-128 format barcodes, the UPC-A format barcode is still required at another location on the outside of the case for point of sale use at the store.

Each Shipping Label Must Be Clearly Identified With:
(A) Julian date and plant number
(B) Shelf life (as described in Exhibit II, Section 3)
(C) Shipping container stock number (the last 5 digits of the item UPC, no check digit)
(D) Brand name and product description (must include count, size, grade, and the word EGG)
(E) 14 Digit Supplier Pack (Orderable) GTIN Barcode: ITF-14 and/or GS1-128 (w/appropriate application identifier) format
(F) Shipping container net quantity - must include the total quantity of the contents of the case, the number of individual units, and quantity of each individual unit. (EXAMPLE: Case Pack: 15 / 1 DOZEN UNITS)
(G) Name AND address of vendor of record accompanied by a qualifying phrase that states the firm’s relation to the product, e.g., “Manufactured for” or “Distributed by.”

EXAMPLE: Distributed by CCF Brands, Rogers, AR 72758, (479) 464-0544.

NOTE - The requirements on this page apply to fresh egg shipments only.
Egg Pallet Build Requirements

Egg Case Pallets
Suppliers are **required** to meet Walmart Pallet Quality and Perishable Labeling standards. See the appropriate section of these standards for more detail.

- On corrugated cases the label is **required** on a minimum of 1 side of the case. Additional labels, including wraparound labels, may also be used.
- On RPCs, the label may be located on a side of the RPC that is most suitable for label placement.
- Freezer-grade, permanent, rubber-based adhesive or equivalent is **required**.
- Case labels are **required** to be outward facing on a minimum of 1 side when palletized.

Pallet Label and ASN Barcode
The pallet label, along with the ASN GS1-128 SSCC-18 barcode, aids in a faster receiving process and better inventory management. Contact the Walmart EDI help desk for ASN onboarding. Pallet labels are **required** on two adjacent sides of the pallet. Please reference the Pallet Label Section of this manual for specific label requirements.

Code Dates and Pallet Build
The code dates of eggs contained on each pallet are **required** to be within 1 day of each other, and the oldest eggs must be on the top layers of the pallet. Low-volume products such as Medium and Twin six-pack eggs are exempt from the 1-day requirement. Mixed-date pallets are **required** to be clearly identified with an 8.5" X 11" placard on all 4 sides of the pallet with the text "Mixed Date Pallet."

It is the Supplier’s responsibility to ensure that pallets are stable. Pallets are **required** to contain vented or non-vented stretch wrap in a bow tie fashion. Unrestricted air flow is **required** for egg quality. Plastic bands and corner boards may be used as needed. Consumer 60-count packaging is **required** to be wrapped with corner boards.

**NOTE** - Overhang no greater than 1" is allowed for palletized egg shipments.

For additional details on egg requirements, including regulatory compliance, audit requirements, and other information, please contact your buyer for the Best In Class: Fresh Shell Egg Program document.
Meat/Poultry Items

Meat and Poultry Case Label
The Meat and Poultry case label provides industry standard data to speed the inventory flow of meat and poultry products though the supply chain. The information on the label is required to be both scannable and readable. Use of the Meat and Poultry case label replaces the requirement of general case markings.

For industry information and standards specifications such as label size and formatting, refer to www.gs1us.org, North American Industry Guidance for Standard Case Labeling.

Additional Markings for Meat and Poultry
All meat and poultry shipments for Dept. 93 are required to include the following information:

- Product description
- Date (Packaging, Sell By, or Scale By)
- EST number (USDA inspected product only)
- Net weight
- Inspection stamp
- GS1-128 barcode: Barcode is required to include Supplier pack (orderable) GTIN, batch/lot number, and appropriate application identifiers. Other information is optional.

- Supplier name
- Supplier stock number
- Supplier ID #
- PLU #
- Walmart item number (WMIT)
- Safe handling instructions
- Selling unit UPC barcode

NOTE - The requirements on this page apply to all fresh or frozen Meat/Poultry items in Department 93 only. Items that are not fresh or frozen meat or poultry are required to meet the General Case Marking standard published to this guide.

Refer to the Temperature receiving chart in Appendix D for required receiving temperature.

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**Seafood Items**

**Fresh Seafood Packaging**
Fresh Seafood is **required** to be packaged in fully sealed packaging. The use of fully sealed packaging prevents the chance of contamination of packaging equipment, materials, and other items within the Walmart supply chain.

**Fresh Seafood Case Label**
The Seafood case label provides industry standard data to speed the inventory flow of seafood products though the supply chain. The information on the label is **required** to be both scannable and readable. Use of the Seafood case label replaces the requirement of general case markings. If you are not able to supply the GS1-128 barcode, the orderable GTIN in ITF-14 format is acceptable as long as the batch/lot number is printed on the label in a human readable format.

For industry information and standards specifications such as label size and formatting, refer to [www.gs1us.org](http://www.gs1us.org), North American Industry Guidance for Standard Case Labeling.

All seafood shipments are **required** to include the following information:

- **Required**
  - Supplier name
  - Product description
  - Lot number
  - Sell by date/Best by date
  - Country of origin
  - Net weight: (fresh Seafood only)
  - GS1-128 barcode: Barcode is **required** to include supplier pack (orderable) GTIN, batch/lot number, and appropriate application identifiers. Other information is optional. ITF-14 barcode may be used in place of the GS1-128 barcode if the lot number is printed on the label.

- **Optional**
  - Walmart item number (WMIT)
  - Selling unit UPC-A
  - Supplier ID #
  - Supplier stock number

**NOTE** - The requirements on this page apply to all fresh or frozen Seafood items in Department 93 only. See General Case Markings section of this guide for additional details on private branded frozen Seafood packaging.

Refer to the Temperature receiving chart in Appendix D for **required** receiving temperature.

All Seafood labels/carton markings are **required** to use the GS1-128 barcode no later than 1/1/2024. ITF-14 format will no longer be accepted after this date.

All Seafood must be in fully sealed packaging no later than 7/1/2024.
Meat/Poultry/Seafood Case and Pallet Labels

Meat/Poultry/Seafood Case Label
A minimum of 1 label is required to be located on all shipments of Meat, Poultry, and Seafood for Dept. 93.
- On label the label is required to be located on a minimum of 1 side of the case. Additional labels, including wraparound labels, may also be used.
- On RPCs, the label may be located on a side of the RPC that is most suitable for label placement.
- Freezer-grade, permanent, rubber-based adhesive or equivalent is required.
- Case labels are required to be outward facing on a minimum of 1 side when palletized.

Pallet Label and ASN Barcode
The pallet label, along with the ASN GS1-128 SSCC-18 barcode, aids in a faster receiving process and better inventory management. Contact the Walmart EDI help desk for ASN onboarding. Pallet labels are required on two adjacent sides of the pallet.

NOTE - The requirements on this page apply to all fresh or frozen Meat/Poultry/Seafood items in Department 93 only. See General Case Markings section of this guide for additional details on frozen Seafood packaging.

See Pallet Label and Placards section for more information on pallet labeling requirements.
Produce Case Label - Produce Traceability Initiative (PTI)

PTI Case Label
The PTI case label provides industry standard data to speed the inventory flow of highly perishable products through the supply chain. The information on the PTI must be both scannable and readable. Use of the PTI label replaces the requirement of general case markings. You are required to use the GS1-128 barcode on the PTI label. Use of the PTI case label for items other than produce within Dept. 94 is allowed, but not recommended. Use of the PTI label outside of Dept. 94 is NOT ALLOWED.

Additional Markings for Produce
All produce shipments for Dept. 94 are required to include the following information:

<table>
<thead>
<tr>
<th>REQUIRED</th>
<th>OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Packer information</td>
<td>• Walmart item number (WMIT)</td>
</tr>
<tr>
<td>• Product description</td>
<td>• Handling instructions</td>
</tr>
<tr>
<td>• Net weight</td>
<td>• Additional regulatory information</td>
</tr>
<tr>
<td>• Country of origin</td>
<td>• GS1-128 barcode: Barcode is required to include Supplier Pack (Orderable) GTIN, harvest, pack, or sell by date, lot number, and appropriate application identifiers.</td>
</tr>
<tr>
<td></td>
<td>• Voice pick code</td>
</tr>
<tr>
<td>• Harvest date for fresh produce -OR-</td>
<td>• Consumable GTIN UPC barcode for pre-pack items -OR-</td>
</tr>
<tr>
<td>• Sell by or pack date for pre-packed/processed items</td>
<td>• PLU number for bulk items</td>
</tr>
</tbody>
</table>

ASN/EDI Requirements for Produce
Produce Suppliers are required to submit a Walmart Perishable ZZZZ compliant Advance Ship Notice (ASN) through EDI. The Walmart Perishable ZZZZ ASN provides advanced visibility to incoming shipments and clearly identifies it as produce. For industry information and standards specifications such as label size and formatting, refer to www.gs1us.org and www.producetraceability.org.

- For questions regarding PTI labels, contact wmbarcodelabeling@walmart.com.
- GS1-128 barcode is required to meet size and print quality standards as referenced in the GS1-128 section of this publication.
- For more information on the Walmart Perishable ZZZZ Compliant ASN, see Walmart Retail Link: Retail Link > Apps > Filter Docs “ED” > EDI-B2B > Guides > Perishable ASN.
Produce Pallet Label - PTI

PTI Case Label
The pallet label, along with the h barcode in GS1 format associated with your Walmart Perishable ZZZZ ASN, aids in a faster receiving process and better inventory management. Pallet labels are required on two adjacent sides of the pallet. PTI labels are required to be outward facing on a minimum of 1 side when palletized.

**REQUIRED**
- Ship from address: Supplier's address, city, state, zip code.
- Ship to address: Walmart DC address, city, state, zip code
- Facility/location # (Walmart DC number, e.g., 06094).
- PO number: 10 digits (ORDER #)
- Department number (Walmart DEPT number, e.g., 00013)
- SSCC-18 barcode in GS1-128 format

**OPTIONAL**
- Sequential numbering of pallets
- Expanded GLN address (if available for the ship to address)
- Carrier name (if available)
- BOL number (if available)
- Pro number (if available)
- Store number, store information, and store barcode

For questions regarding the electronic submission of ASNs, contact EDI Support at 479-273-8888.

Refer to the Temperature receiving chart in Appendix D for required receiving temperature.

For more information on the Walmart Perishable ZZZZ Compliant ASN, see Walmart Retail Link: Retail Link > Apps > Filter Docs “ED” > EDI-B2B > Guides > Perishable ASN
Produce Shipments

Inbound Pallet Loads for Produce and Reusable Plastic Containers (RPCs)

- Stack RPCs by layer on a 48” x 40” Grade A pallet.
- Ensure all RPCs interlock for a more secure pallet.
- Cross-stack when applicable for greater pallet stability.
- Cases are required to withstand clamping equipment.
- Secure pallet using corner boards, plastic bands, and stretch wrap. Product that requires unrestricted airflow is required to be secured to the pallet with ventilated stretch wrap.
- Gluing, taping, or any other method of fastening the corner boards to the pallet and/or cases is NOT ALLOWED.
- Metal bands and clip seals are NOT ALLOWED.
- All RPCs on a single pallet are required to be the same size. Multiple-sized RPCs on a pallet are NOT ALLOWED.
- Straps are required to run horizontally and be placed at the base, middle, and top of the pallet.
- Shipments may be refused or rejected if not properly secured on the pallet. Less than layer case quantities are required to be secured to the pallet.
- Produce pallets should be trailer loaded in a pinwheel pattern to reduce trailer air space and prevent shifting.
- Single pallet positions should be loaded to one side of the trailer and secured with airbags or load locks.
- Netting and twine for pallet containment are NOT ALLOWED.

Fiber Corner Boards

In order to increase recyclability, we strongly encourage the use of corner boards made of 100% plastic or 100% fiber. Mixed material corner boards such as composite or those with a metal or plastic interior and fiber exterior cannot be recycled from our DCs and stores.

- See the Unitized Shipments section of the standards guidelines for corner board requirements.
- Suppliers are responsible for ensuring the length, width, and thickness of corner boards are adequate to properly protect and support the product.

NOTE - Loose film, fiber, or other loose materials are NOT ALLOWED in any open top cartons or containers. All loose material must be removed. All plastic coverings and plastic inner pack bags are NOT ALLOWED to exceed the height of the case.

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Bakery/Deli Wraparound Label

Bakery and Deli Wraparound Labels
Bakery and Deli labels (departments 80 and 98 only) contain unique requirements. The examples shown on this page are the preferred wraparound, but 2 single labels that contain the same information are acceptable.

The following information is **required** on each label:

**REQUIRED**
- **Product Name** (36 pt Futura Medium Condensed Font, tracking -20)
- **Best if used by date**: (11 pt Futura Medium Condensed Font, tracking -20)
- **Spanish translation of product name** (24 pt Futura Medium Condensed Oblique, tracking -20)
- **Connecticut license #** (16 pt Futura Medium Condensed, tracking -20) *(only required if intended for sale in CT)*
- **Walmart item number (WMIT)**
- **Unit quantity**
- **Net weight** (Futura Medium Font, 18 pt, 70% Horizontal Scale)
- **Kosher symbol** *(if applicable)*
- **Keep frozen/Keep refrigerated** (16 pt Futura Medium Condensed, tracking -20)
- **Selling unit UPC barcode** *(must include the language “Scan for Cost Inventory” next to the barcode)*
- **14 Digit Supplier Pack (Orderable) GTIN Barcode**: ITF-14 and/or GS1-128 *(w/ appropriate application identifier) format, Black ink only*

**OPTIONAL**
- **Case Code**
- **Supplier ID #**
- **Supplier stock number**
- **Safe handling instructions**

Label size is recommended to be **3” x 10”** for a single wraparound label or **3” x 5”** for 2 single labels. The barcode areas of the label are **required** to be white with black printing. The top area of the label, behind the product name, is **required** to have the following background colors:

- **Frozen or refrigerated non-production items**
  - White background
- **Frozen production items**
  - PMS 102 C *(yellow) background*
- **Refrigerated production items**
  - PMS 381 C *(green) background*

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Bakery/Deli Wraparound Label Application

**Label Position**
One label is *required* to be applied to the lower right corner of a long side panel, wrapping it around to the short side panel so the information is visible on two sides of the case.

**Single Standalone Label**
A minimum of 2 labels are *required* to be applied with one on the long side and one on the short side of the case (in the lower right corner). Applying a label to all 4 sides is also permissible.

If separate labeling is not possible, you may print white ink to simulate the label and print directly on the case following the guidelines established for the label graphics. This will *require* a minimum of 3 colors.
Perishable Labeling Requirements

Perishable Dates
Perishable products are required to be dated with a receiving date, best if used by date, or pack date. If the pack date is used as a reference, the Supplier is required to provide guidelines to maintain freshness and quality. If the item contains a best if used by date on the retail unit, the outside of the case is required to be clearly marked.

Dates are preferred to be in MM/DD/YYYY format with a minimum of 1/2” (48 pt) font.

Dated perishable products are received under strict rotation by one of the following dates:

- **Receiving date**: The date product was received, including all frozen products, fresh beef, pork, and poultry.

- **Best if used by date**: The date indicated on product that it must be sold by at retail. This is required to be included on the outside of the case if the selling unit contains a best if used by date. This includes produce, deli, and dairy products.

- **Pack date**: The actual date the product was processed.

The original purchase order due date will be used to determine date compliance for receiving acceptance. If the actual receiving is delayed due to Walmart, Sam’s Club, or distribution direction, product acceptance will still be governed by the original purchase order due date.

Mixed Dated Pallets
If there is a need for mixed dated product on a pallet, the following steps are required.

- Pallets are required to be stacked with the oldest date on the top of the pallet.

- Dating on the case is required to be turned outward on the pallet.

- A tier sheet is required to be placed between each layer where the date changes.

- Pallets are required to be clearly marked with an additional 8.5” x 11” label on all four sides of the pallet with the text “Mixed Dated Pallet.”

- Labels are required to include the number of cases per date contained on the pallet.
Floral Consolidation Centers (FCC)

Floral Consolidation Centers Case Label
The floral case label provides industry standard data to speed the inventory flow of highly perishable products through the supply chain. The information on the floral case label must be both scannable and readable. Use of the floral case label replaces the requirement of general case markings. You are required to use the GS1-128 barcode on the floral case label. Use of the floral case label for items other than fresh cut flowers within Dept. 94 is NOT ALLOWED.

All fresh cut floral shipments for Dept. 94 are required to include the following information:

<table>
<thead>
<tr>
<th>REQUIRED</th>
<th>OPTIONAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Packer Information</td>
<td>• Walmart Item #</td>
</tr>
<tr>
<td>• Product Description</td>
<td>• Handling instructions</td>
</tr>
<tr>
<td>• Net Weight</td>
<td>• PO #</td>
</tr>
<tr>
<td>• Country of Origin</td>
<td>• Additional regulatory information</td>
</tr>
<tr>
<td>• Harvest Date</td>
<td></td>
</tr>
</tbody>
</table>

• GS1-128 Barcode: Barcode is required to include Supplier Pack (Orderable) GTIN, Harvest Date, Lot Number, and appropriate application identifiers.

• Voice Pick Code
• Item Level UPC Barcode

ASN/EDI Requirements for Floral
Floral Suppliers are required to submit a Walmart Perishable ZZZZ compliant Advance Ship Notice (ASN) through EDI. The Walmart Perishable ZZZZ ASN provides advanced visibility to incoming shipments and clearly identifies it as produce. For industry information and standards specifications such as label size and formatting, refer to www.gs1us.org and www.producetraceability.org.

For questions regarding floral labels, contact WMBarcodeLabeling@walmart.com.

GS1-128 Barcode is required to meet size and print quality standards as referenced in the GS1-128 section of this publication.

For more information on the Walmart Perishable ZZZZ Compliant ASN, see Walmart Retail Link: Retail Link > Apps > Filter Docs “ED” > EDI-B2B > Guides > Perishable ASN.
Floral Consolidation Centers (FCC), cont...

Floral Consolidation Cartons
Suppliers are required to ship in a standard dry case pack carton. The dry pack carton allows boxes to be palletized correctly and improves the efficiencies of processing fresh cut flowers. Suppliers outside of Miami, FL are required to ship to a Floral Consolidation Center.

Standard dry case pack carton size is 38.19” L x 18.90” W x 8.27” H, for a cube of 3.45. If you are not able to meet any of the requirements in this section of the standards, please reach out to the Walmart Inbound Quality Senior Manager at logpkg@wal-mart.com.
Floral Pallet Label

The pallet label, along with the SSCC-18 barcode in GS1 format associated with your Walmart Perishable ZZZZ ASN, aids in a faster receiving process and better inventory management. Pallet labels are **required** on two adjacent sides of the pallet. Floral case labels are **required** to be outward facing on a minimum of 1 side when palletized.

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**REQUIRED**
- **Ship from address:** Supplier’s address, city, state, zip code.
- **Ship to address:** FCC address, city, state, zip code
- **Facility/location #** (Walmart DC number, e.g., 06094).
- **PO number:** 10 digits (ORDER #)
- **Department number** (Walmart DEPT number, e.g., 00094)
- **SSCC-18 barcode in GS1-128 format**

---

**OPTIONAL**
- **Sequential numbering of pallets**
- **Expanded GLN address** (if available for the ship to address)
- **Carrier name** (if available)
- **BOL number** (if available)
- **Pro number** (if available)
- **Store number, store information, and store barcode**

---

For questions regarding the electronic submission of ASNs, contact EDI Support at 479-273-8888.

Refer to the Temperature receiving chart in Appendix D for **required** receiving temperature.

For more information on the Walmart Perishable ZZZZ Compliant ASN, see Walmart Retail Link: Retail Link > Apps > Filter Docs “ED” > EDI-B2B > Guides > Perishable ASN

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Grocery Import Distribution Center (GIDC)

GIDC Requirements

- **For Direct Import Food**: A pallet is *required.*
- If an acceptable pallet provider is not available at Suppliers origin, slip sheets will be an option with approval.
- See the Pallet Section of these standards for material requirements.
- Slip sheets are *required* to have minimum 3" (76.2 mm) wide flaps on a minimum of 2 adjacent sides. At least 1 flap is *required* to face the rear door of the container.
- See the Slip Sheet Section of these standards for material requirements.
- Additional Details on GIDC shipping requirements can be found in the Supplier Shipment Onboarding Guide.

**NOTE** - If a supplier *requires* an additional copy of the Supplier Shipment Onboarding Guide they can reach out to GSSC@wal-mart.com for more information.

- Maximum height of a unitized load (palletized or slip sheet) is **NOT ALLOWED** to exceed 56" (1422 mm) with no pallet or 62" (1575 mm) with a pallet.
- Palletized loads are **NOT ALLOWED** to exceed 2,500 lbs (1,133 kg) in weight, including the pallet.
- Slip Sheet loads are **NOT ALLOWED** to exceed 2,100 lbs (1088 kg) in weight, including the pallet.
- Maximum cargo weight is **NOT ALLOWED** to exceed 17,000 kg for a 20' container or 19,500 kg for a 40' container without approval.
- Use of Desiccant’s and air bags for load stabilization are highly recommended. Refer to the Supplier Shipment Onboarding Guide for additional detail.

**NOTE** - Suppliers shipping to the GIDC are **required** to adhere to all general case markings, labeling, and quality standards.
Grocery Import Distribution Center (GIDC)

GIDC Pallet/Slip Sheet Placard Requirements

- Pallets and Slip Sheets shipping to the GIDC are **required** include a Pallet Placard.
- Pallet Placards are **required** on at least 2 adjacent sides of the pallet on the upper right side, preferably in between layers of stretch wrap.
- When placed on a slip sheet, the placards are **required** to be on the same side the slip sheet flaps are located.
- Pallet Placard is **required** to face the door of the container it is loaded on.
- Placard size is **required** to be A4 (8.25" (210mm) X 11.75 (297mm)) with text as large as possible.

**REQUIRED**

- Item Description from PO
- Qty of Cases on Pallet
- Best By Date
- Walmart Item Number: (WMIT)
- Selling Unit (consumable) GTIN Barcode in UPC-A Format
- Item UPC Number from PO
- Pallet Ti Hi

**NOTE** - Please reach out to GSSC@wal-mart.com for pallet/slip sheet placard approval.

GV DICED TOMATO

Quantity: 160 Cartons
Best if used by Date: mm/dd/yyyy
Item Number: 582832197
UPC Number: 078742323596
Pallet Qty: 16 x 10 = 160 Cases
Grocery Consolidation Centers (GCC)

**GCC Special Requirements**

GCC’s are a pallet flow said to contain, LTL network. It is imperative to ensure product is properly stacked, secured to a Walmart approved pallet, and properly labeled. Getting this correct on the front end will help with getting the product to the right GDC.

**NOTE - Suppliers shipping through GCC network are required to adhere to all general case quality, case marking, pallet quality, shipping standards, and cold chain compliance expectations.**

**Suppliers are required to follow all industry/regulation marking standards as well as all Shipping and Routing documentation standards.**

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### Suppliers Shipping to Walmart Grocery Consolidation Center

Consolidation centers play a specialized role in moving products quickly on their journey to the customer. These centers are a passthrough network moving full pallets of perishable product from suppliers, consolidate in a full truckload (FTL) and ship to Walmart grocery distribution centers. Questions? logpkg@wal-mart.com

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#### Routing / Appointment

- **GCC Shipping & Receiving Schedules - Supplier Delivery Matrix - DC Addresses**
  Retail Link > Academy > Quick Learning Articles > Walmart > Getting Started > Grocery Supplier Onboarding Standards
- **PREPAID - CSCL (Confirm shipment created load)** 72 hours prior to DNSB
- **COLLECT – Confirm Shipment** by 4:00 P.M. (CST) the day after the order is transmitted, including weekends.
  - Confirm Shipment can be accessed via the Transportation Supply Chain Portal 2.0 app located under the Apps section on Retail Link.
  - Scheduler 2.0 utilized for appointments

---

#### Loading

- Single PO pallets.
- Each pallet is required to have a pallet placard and a pallet label.
- Pallets associated with the same PO need to be loaded together.
- Products need to be securely shrink wrapped/banded to the pallet, ensuring product flow through cross-dock.
- Product stabilization and proper securement are required.
- Ensure compliant labeling (case and pallet) per Walmart Secondary Packaging Standards.

---

#### Shipping

- **Packaging Requirements**
  Walmart Secondary Packaging Standards:
  Retail Link > Supplier Academy > Item Setup & Management > Packaging and Labeling
- **Shipping Requirements Collect**
  Retail Link > Supplier Academy > Walmart > Transportation > Supplier Transportation Onboarding Training > CS videos location
- **Prepaid**
  https://wal-marttransportation.nal.teamsupport.com/login/user
  Team Support > Knowledge Base > Supplier Documents > Confirm Shipment Training > CSCL-Training Document & CS videos location
Focus Points for Successful Delivery and Flow of Product

Consolidation Bill of Lading Requirements (GCC only), Master Bill of Lading Plus Individual Purchase Order/DC Destination

### Master BOL
- Suppliers are **required** to provide a master bill of lading to the GCC consolidation center.
- Consign the master bill to Walmart Stores Inc. The destination address on the master bill is **required** to be addressed to the Consolidation Dock.
  
  **Example:** GCC 6907
- Include all purchase order numbers for the total tender.
- Total number of cases, cube, and weight by purchase order.
- Place bills in sequential order as loaded.
- Include the seal number on master BOL.
- Seal number on BOL is **required** to match the seal on the trailer or container without any hand-written amendments or alterations.

Please see Master BOL section for additional layout/info

### Individual BOL
- Suppliers are **required** to prepare an individual bill of lading for each final destination address.
  
  **Example:**
  - Walmart DC 6042
  - 20634 Indian Meridian Rd
  - Pauls Valley, OK 73075
- Include number of cases, pallets/slips, cube, weight, department, and PO type.
- Bill will need to be created as “Collect.”
- Put all individual bills of lading for the POs on the load in one envelope and write “Deliver to GCC XXXX” on the front. (XXXX represents the number designation for the consolidation facility, example: GCC 6907.)
- Attach the master bill of lading to the envelope.

Please see Individual BOL section for additional layout/info

### Intermodal Rail Loads
- Product arriving at GCC needs to be compliant with Walmart cold chain compliance. All loads delivering into a GCC are **required** to have a seal intact upon arrival and seal must be notated on the Master BOL.
- Temperature Guideline:
  - Cooler: 34-37°
  - Freezer: 0 to (-10)°
- All cooler loads delivering into GCC facilities are **required** to have 1 temp recorder per trailer.
- All cooler loads containing seafood/HACCP product are **required** to have 1 temp recorder per PO.
- Temp recorders are **required** to be Emerson GO wireless temperature recorders.
- For more information/ordering contact: CargoSupport@Emerson.com or call (877) 988-7299

### Pallet Quality/Product Securement
- All pallets must meet Walmart Standards.
- Merchandise is **required** to fit within a 48” x 40” pallet footprint. Pallet overhang is NOT ALLOWED.
- If pallets do not meet Walmart quality standards, the supplier runs the risk of product damage, loss of product, delivery refusal etc. and the supplier will be held liable for associated charges.
- Product needs to be securely shrink wrapped/banded to pallet ensuring product flow through cross-dock.
- Additional securement including trays, bands, corner boards, etc. may be required depending on product, packaging, height and/or weight and should be applied accordingly.

### Pallet Labels/Pallet Placards
- All pallets coming into GCC facilities are **required** to have 2 placards and need to be on adjacent sides of the pallet.
- Placards are **required** as they indicate to the GCC what GDC product needs to ship to.
- All pallets coming into GCC facilities are **required** to have 2 pallet labels and need to be on adjacent sides of the pallet.
- Pallet labels are **required** to be present on all pallets for entry into the destination GDC.
- Pallet labels are **required** to meet the Pallet/Shipping label requirements from the general requirements section of this standard.
- Pallet labels and pallet placards are both **required** and are not interchangeable. Failure to have both present will result in pallet refusal.
# Inbound Scheduling

## GCC Special Inbound Scheduling Instruction

### Appointment Standards

- Load requirements – Single PO cannot exceed 18 pallet positions and/or 32K pounds (These loads will need to ship direct to GDC).
- Appointments must be created/scheduled following the CSCL and Scheduler 2.0 Auto Scheduling process. Training Academy -> Ordering and Replenishment -> Scheduling DC Appts (first link called “Inbound DC Scheduling”).
- Inbound loads can only have (1) load ID.
- Updating PO’s - Supplier will need to open a transportation portal ticket [https://walmarttransportation.na1.teamsupport.com](https://walmarttransportation.na1.teamsupport.com), Scheduler 2.0 will need to be updated to reflect new information.
- Late or missed appointments will need to be rescheduled.

### Refused / Rejected

- **Refused Product / Loads** – Occurs when product doesn’t follow GCC standards. pallet labeling (including placards), BOLS, stability, etc.
- All POs physically on load, but not systematically attached in CSCL / Scheduler will be refused.
- Fixed error and request a new load number through transportation portal. Make sure to include PO numbers. Reschedule new load for delivery.
- **Rejected** - Cold Chain compliance issues (product temperature), damaged product, etc.
- Supplier will need to work with carrier for action plan. Product cannot be redelivered to GCC.

### Claims

- **Claims** - occur for anything with inaccuracies.
- **Disputes** - please file through High Radius.
- If you are not signed up for HighRadius, email: HiRadCS@walmart.com for set up instructions.
- For all other inquires, US and PR suppliers, please visit Retail Link > Learn Tab > Choose your business partner > GBS-NA

Call Center Contact Info:
Phone: (888) 499-6377
Email: wmgbs@walmart.com
Notification Requirements from Suppliers

GCC Notifications for Volume, Product, or Shipping Changes
If Supplier expects to experience any volume, product, or shipping changes with any merchandise which is transported through GCC, Supplier is required to notify g0cc@wal-mart.com 30 days in advance of the change or upon Supplier's first awareness of the change, whichever is greater.

Supplier is required to notify https://wal-marttransportation.na1.teamsupport.com if any of the following are expected:

- New item(s): Supplier adds new product(s) which will be ordered under any of your company’s 9-digit Supplier numbers. Supplier is required to be approved through Walmart Strategy team.
- Canceled POs cannot be scheduled and will be refused. Supplier must ensure all POs are active.
- Additional department(s) or sequence(s): Supplier would like to add additional merchandise departments OR sequences to GCC.
- Discontinued department(s) or sequence(s): Supplier wishes to discontinue utilizing GCC cross dock for one or more merchandise departments or sequences which have been converted to flow through GCC.
- Added warehouse(s): Supplier expands GCC merchandise into additional Walmart SAM's warehouses.
- Discontinued warehouse(s): Supplier discontinues shipping GCC product to any Walmart/SAM's warehouse(s).
- Product mix/pack size/cases per pallet change: Any GCC product changes, pack size, or number of shipping cases per pallet changes that will significantly alter the recent history of average weight per pallet. This includes fluctuations resulting from the above addition or deletion of items as seasons change. Any product change that could affect the way your palletized products will weigh out (or not weigh out) a full load.
- PO revisions: Any PO revisions that take place after the initial order or the entry of RFR must have a load form submitted to Walmart traffic at https://wal-marttransportation.na1.teamsupport.com The costing that will go across your POs is based on the cube on that specific PO. It is critical that you submit any order revisions for pallet/case/cube/weight changes. This must be completed prior to shipping.

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Grocery Consolidation Center Pallet Placards

**Standard Placard**

- Each pallet is required to include the approved Walmart Grocery pallet placard with white background (as shown below). Placards are required to be placed on adjacent sides of each pallet.
- GCC number
- GDC number
- PO number
- Number of pallets
- Supplier Name

**GCC pallet placard (example only)**

**Standard Placard**

- Cooler Seafood shipments are required to include Walmart Grocery pallet placard for HACCP items with green background (as shown below). Placards are required to be placed on adjacent sides of each pallet. This placard is to be used in place of the standard placard for HACCP shipments only.
- GCC number
- PO number
- Number of pallets
- Supplier Name

**GCC Seafood only pallet placard (example only)**

<table>
<thead>
<tr>
<th>WALMART GROCERY INBOUND</th>
<th>WALMART / SAM’S WAREHOUSE #</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>6064</strong></td>
<td></td>
</tr>
<tr>
<td>CLEBURNE, TX</td>
<td></td>
</tr>
<tr>
<td>PO # 0467023122</td>
<td></td>
</tr>
<tr>
<td>1 of 4 PALLETS</td>
<td></td>
</tr>
<tr>
<td>Supplier Name: ABC Company</td>
<td></td>
</tr>
</tbody>
</table>

**Pallet Templates Location** - Retail Link > Academy > Quick Learning Articles > Walmart > Getting Started > Grocery Supplier Onboarding Standards

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Same PO Multiple Items

**Why use single pallet?**
- Improved Cube Utilization
- Improved Accuracy
- Reduction in Handling

**BEFORE**
Multiple Items on Multiple Pallets

**AFTER**
Multiple Items on One Pallet

Use Tier Sheets to separate items.
General Merchandise

Store Case Labels and Markings

August 10, 2023
New Modular Labels (Excluding D56)

For New Modular Sets Only

When shipping in products for new modular sets, you are required to use the “new modular” labels shown below on warehouse pack cases and poly bags. Replenishment orders and new store deliveries do not use neon hot pink labels.

Each case requires 1 “new modular” label. This label should be applied on the lower corner of the warehouse pack cases and centered on the edge of the case, as shown. This label is in addition to the required case markings. This label is NOT ALLOWED to interfere with or overlap any other printed case markings or case labels.

Label Sizes

1. Size: 5” x 1.5”
   (for corrugated shipper cases)
   Required: 1
   Order #: WMG-NMS-002

2. Break pack, poly bag size: 3” x 2”
   (for poly bag)
   Required: 1
   Order #: WMG-NMS-003

NOTE - Place “new modular” labels on warehouse pack cases or poly bags delivered to the stores. DO NOT apply “new modular” labels to primary packaging.

- Minimum order quantity: 2,000 labels
- Color: Neon Hot Pink

The “new modular” labels can be purchased from either Avery Dennison or Sher Packaging.
Avery Dennison: psd.specialized.sales.support@averydennison.com or
Sher Packaging: WM-ModLabel@sherpackaging.com

NOTE - Place “new modular” labels on the vendor pack case only if there are no internal DC break pack cases. Apply “new modular” labels to the DC break pack cases if DC break pack cases are used.

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D56 New Modular Labels (Lawn & Garden)

For D56 New Modular Sets Only
When shipping in products for new modular sets, you are required to use the “D56 new modular” labels shown below on warehouse pack cases and poly bags. Replenishment orders and new store deliveries do not use neon green labels.

Each case requires 1 “D56 new modular” label. This label should be applied on the lower corner of the warehouse pack cases and centered on the edge of the case, as shown. This label is in addition to the required case markings. This label is NOT ALLOWED to interfere with or overlap any other printed case markings or case labels.

Label Sizes
1. Size: 5” x 1.5” (for corrugated shipper cases)
   Required: 1
   Order #: WMLG-CMS-002

2. Break pack, poly bag size: 3” x 2” (for poly bags)
   Required: 1
   Order #: WMLG-CMS-003

• Minimum order quantity: 2,000 labels
• Color: Neon Green

The “D56 new modular” labels can be purchased from either Avery Dennison or Sher Packaging.
Avery Dennison: psd.specialized.sales.support@averydennison.com
Sher Packaging: WM-ModLabel@sherpackaging.com

NOTE - Place “new modular” labels on the vendor pack case only if there are no internal DC break pack cases. Apply “new modular” labels to the DC break pack cases if DC break pack cases are used.
Store Case Markings

General Merchandise
Case marking formats and icons are in addition to all required general case markings. Store case markings are required to be applied to all private brand items and national brand items for departments 23 through 34 (apparel); these markings are recommended for all other national brand items.

Store Case Markings for Warehouse Packs
Store case markings are intended to be printed directly on the corrugated warehouse pack cartons; labels can be used at Supplier’s discretion. Labels can be used on break pack poly bags.

Vendor pack case artwork
Store case markings are required to be applied to the vendor pack case if there are no DC break pack cartons included.
A Top info bar - Dept. # (the background color will vary by department).
B Middle info bar - Category Name (category number is optional).
C Bottom info bar - Item Description
D Department Icon - Will be the same height as the top info bar and positioned to the right, as shown. For example, if the top info bar is 3”, the icon will be 3”.
  • Text should be as large as possible, vertically centered within each info bar.
  • Font: Arial Black (Title Case)
  • Place the artwork in the upper left corner on all sides of the shipper, 1/2” to 1” from top and left edges. The artwork width will vary from long to short sides and from shipper case to shipper case.
  • Cases taller than 12” in height should include a 2” min. or 3” max. per info band.
  • Cases less than 12” in height should include a 2” max height info band.
  • Info band sizes can be adjusted, as needed, to fit on different size cartons. Contact logpkg@wal-mart.com with proposed layout if you are not sure your layout will meet these requirements.
  • Shippers will be printed as 1 color or 2 colors, specified on the following pages.

DC break packs
• DC break packs must meet all required general case marking standards.
• If labels are used for break pack poly bags, they must contain the same information required on corrugated shippers.
• Store case markings are required to include your department number, category name, and item description. The words “Category Name:” and “Item Description:” must not be printed on the corrugated shipper or labels. Please reach out to your buyer if you are not sure what category name and item description to use.
• Case markings do not apply to retail/SKU specific poly bags within break pack cases. The department icon can be applied to poly bags as a label.

RFID
• Cartons that contain RFID on the selling unit shall add “RFID” under the department icon in bold text.
• Store case are not to be applied to selling units.
• Vertical Bars will have “RFID” marked to the right of the “Item Description” info band aligned with this text.
• Horizontal bars will have “RFID” marked directly below the department icon, at a distance equal to half the height of the uppercase “D” in the Dept# info band.
• “RFID” font will be aligned on both the left and right sides with the department icon.
Markings Artwork Usage, Examples

Correct Usage

- Each bar will be the same size (width and height).
- The font size should be the same for each line of text.
- The leading between each line should be equidistant from each other.
- The icon should be positioned to the right of the Dept # bar. Distance equal to half the height of the uppercase ‘D’ (see previous page).
- The black lines should be a minimum of 6 pt or maximum of 10 pt stroke.

Incorrect Usage

- All text bars should be the same height.
- Icon is too far away from info box.
- Do not horizontally scale box.
- The words “Category Name:” and “Item Description:” must not be printed on the corrugated shipper or labels.

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# General Merchandise

## Feature Case Markings

### Home, toys, seasonal, and celebrations (D14, 17, 19, 20, 22, 44, 52, 71, and 74)

#### End Cap or Action Alley

<table>
<thead>
<tr>
<th>Dept. # / WK ##</th>
<th>FEATURE</th>
<th>Category Name</th>
<th>Item Description</th>
<th>RFID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-modular based items</td>
<td>• Used for end caps or Action Alley feature items that <strong>ARE NOT active</strong> on a modular.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Colors: PMS 285 U and Black</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dept. # / WK ##</th>
<th>FEATURE</th>
<th>Category Name</th>
<th>Item Description</th>
<th>RFID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modular based items</td>
<td>• Used for end caps or Action Alley feature items that <strong>ARE active</strong> on a modular.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Colors: PMS 285 U and Black</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Home Pad

<table>
<thead>
<tr>
<th>Dept. # / WK ##</th>
<th>HOME PAD</th>
<th>Category Name</th>
<th>Item Description</th>
<th>RFID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-modular based items</td>
<td>• Used for Home Pad feature items that <strong>ARE NOT active</strong> on a modular.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Colors: PMS Yellow 012 U and Black</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dept. # / WK ##</th>
<th>HOME PAD</th>
<th>Category Name</th>
<th>Item Description</th>
<th>RFID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modular based items</td>
<td>• Used for Home Pad feature items that <strong>ARE active</strong> on a modular.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Colors: PMS Yellow 012 U and Black</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Apparel (D23-D34)

<table>
<thead>
<tr>
<th>Dept. # / WK ##</th>
<th>APPAREL</th>
<th>Category Name</th>
<th>Item Description</th>
<th>RFID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-modular based items</td>
<td>• Used for end caps or Action Alley feature items that <strong>ARE NOT active</strong> on a modular.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Colors: PMS 259 U and Black</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dept. # / WK ##</th>
<th>APPAREL</th>
<th>Category Name</th>
<th>Item Description</th>
<th>RFID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Modular based items</td>
<td>• Used for end caps or Action Alley feature items that <strong>ARE active</strong> on a modular.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Colors: PMS 259 U and Black</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

*NOTE* - You **DO NOT** use the “new modular” labels when one of these case artwork formats is being used on the shipper case.

*NOTE* - Apply “RFID” to store case markings only if the selling units inside contain RFID Tags.
Seasonal Department Band Colors

**Store Case Markings (Not for Retail Packaging)**

Store case marking icons are in addition to all required general case markings. These are for example only. Check with your Walmart merchant for specific category name and item description. Layouts can be sent to WMBarcodelabeling@walmart.com for approval.

- **Dept. 33**
  - **Easter**
  - **Dresses**

Example above is for any Apparel department that has seasonal product. The bar color changes out to the color from each seasonal icon.

**Dept. 18 / Cat. # xxxx**

**Modular Location: x-xxx**

**Costumes**

**Item Description**

For Halloween costumes ONLY.
General Merchandise

Holiday Time Brand, Band Colors, and Icons

**Store Case Markings (Not for Retail Packaging)**
Holiday Time is a Walmart private brand. The below icons should only be used for Holiday Time branded items.

Store case marking icons are in addition to all *required* general case markings. These are for example only. Check with your Walmart merchant for specific category name and item description. Layouts can be sent to WMBarcodelabeling@walmart.com for approval.

<table>
<thead>
<tr>
<th>Icon</th>
<th>Description</th>
</tr>
</thead>
</table>
| ![D.18](image) | Holiday Time (Ornaments)  
Black |
| ![D.18](image) | Holiday Time (Package)  
484 U |
| ![D.18](image) | Holiday Time (Front Pad)  
Black and 200 U |
| ![D.18/Apparel](image) | Holiday Time (Indoor Decor)  
Black and 7480 U |
| ![D.18](image) | Holiday Time (Lights)  
7490 U |
| ![D.18](image) | Holiday Time (Trees)  
3435 U |
| ![D.52](image) | Holiday Time (Outdoor Decor)  
Black |
| ![D.52](image) | Holiday Time (Floral)  
Black |

**Examples**
Check with your merchant or product development for specific category name, item description, and correct seasonal icon.

**Dept. 18**

<table>
<thead>
<tr>
<th>Category</th>
<th>Item Desc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holiday Time</td>
<td>Example above is for any department that has seasonal product. The bar color changes out to the color from each seasonal icon.</td>
</tr>
</tbody>
</table>

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Seasonal Department, Band Colors, and Icons

Store Case Markings (Not for Retail Packaging)
Store case marking icons are in addition to all required general case markings. These are for example only. Check with your Walmart merchant for specific category name and item description. Layouts can be sent to WMBarcodelabeling@walmart.com for approval.

Open this document with Adobe Illustrator to access the vector artwork and icons.
Store Case Markings (Not for Retail Packaging)

Store case marking icons are in addition to all required general case markings. These are for example only. Check with your Walmart merchant for specific category name and item description. Layouts can be sent to WMBarcodelabeling@walmart.com for approval.

- **D.02 HBA**
  - **Dept. 02**
  - **Hair Brushes**
  - **Item Description**
  - **PMS 1505 U and Black**

- **D.02 Toothbrushes**
  - **Dept. 02**
  - **Toothbrushes**
  - **Item Description**
  - **PMS 1505 U and Black**

- **D.03 Card & Party**
  - **Dept. 03**
  - **Item Description**
  - **PMS 1788 U and Black**

- **D.03 Stationery**
  - **Dept. 03**
  - **Item Description**
  - **PMS 1788 U and Black**

- **D.04 Paper Goods**
  - **Dept. 04**
  - **Item Description**
  - **Black**

- **D.05/55/72 Electronics**
  - **Dept. 05**
  - **DVD**
  - **Item Description**
  - **Black**

- **D.06/85 Cameras & Supplies**
  - **Dept. 06**
  - **Cameras**
  - **Item Description**
  - **Black**

- **D.07 Toys**
  - **Dept. 07**
  - **Plush Toys**
  - **Item Description**
  - **PMS Purple U and Black**

- **D.08 Pets**
  - **Dept. 08**
  - **Pet Toys**
  - **Item Description**
  - **Black**

- **D.09 Sporting Goods**
  - **Dept. 09**
  - **Camping**
  - **Item Description**
  - **PMS 319 U and Black**

- **D.09 Knives**
  - **Dept. 09**
  - **Knives**
  - **Item Description**
  - **PMS 319 U and Black**

- **D.10/37 Automotive/TLE**
  - **Dept. 10**
  - **Oil**
  - **Item Description**
  - **Black**

- **D.11 Hardware**
  - **Dept. 11**
  - **Tools**
  - **Item Description**
  - **Black**

- **D.12 Do It Yourself**
  - **Dept. 12**
  - **Paint Brushes**
  - **Item Description**
  - **Black**

- **D.13 Household Cleaners**
  - **Dept. 13**
  - **Cleaners**
  - **Item Description**
  - **Black**

- **D.14 Cook & Dine**
  - **Dept. 14**
  - **Pots**
  - **Item Description**
  - **PMS 293 U and Black**

- **D.14 Small Appliances**
  - **Dept. 14**
  - **Blenders**
  - **Item Description**
  - **PMS 293 U and Black**
## Department Band Colors and Icons

### Store Case Markings (Not for Retail Packaging)
Store case marking icons are in addition to all **required** general case markings. These are for example only. Check with your Walmart merchant for specific category name and item description. Layouts can be sent to WMBarcodelabeling@walmart.com for approval.

### Apparel Departments (D23 - D34)
Apparel departments, depending on the category, maybe **required** to have 2 icons. The second icon highlights the merchandising direction. Check with your Walmart Merchant Team contact for questions in merchandising strategy.

Icons to the left are used for either the folded pant, folded shirt, or hanger merchandising strategy. Position merchandising icon below department icon.

---

**D.05/55/72 Electronics**
- **Dept. 05**
  - DVD
  - Item Description
- D.23 Mens Underwear
  - PMS 287 U and Black
- **Dept. 23**
  - Mens Underwear
  - Item Description

**D.16/55/72 Electronics**
- **Dept. 16**
  - Lawn & Garden
- **Dept. 17**
  - Home Furnishings
  - Item Description
- **Dept. 19**
  - Fabric & Crafts
  - Item Description
- **Dept. 20**
  - Bath & Shower
  - Item Description
- **Dept. 20**
  - Beach
  - Item Description
- **Dept. 22**
  - Bedding
  - Item Description
- **Dept. 23**
  - Mens Underwear
  - Item Description
  - Mens Wear
  - Mens Accessories
  - Mens Swimwear
  - Mens Outerwear
  - Mens Socks

---

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Department Band Colors and Icons

**Store Case Markings (Not for Retail Packaging)**
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**Apparel Departments (D23 - D34)**
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General Merchandise

Department Band Colors and Icons

Store Case Markings (Not for Retail Packaging)
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Apparel Departments (D23 - D34)
Apparel departments, depending on the category, maybe required to have 2 icons. The second icon highlights the merchandising direction. Check with your Walmart Merchant Team contact for questions in merchandising strategy. Icons to the left are used for either the folded pant, folded shirt, or hanger merchandising strategy. Position merchandising icon below department icon.

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Department Band Colors and Icons

Apparel Departments (D23 - D34)
Apparel departments, depending on the category, may be required to have 2 icons. The second icon highlights the merchandising direction. Check with your Walmart Merchant Team contact for questions in merchandising strategy. Icons to the left are used for either the folded pant, folded shirt, or hanger merchandising strategy. Position merchandising icon below department icon.
## Department Band Colors and Icons

**Store Case Markings (Not for Retail Packaging)**

Store case marking icons are in addition to all **required** general case markings. These are for example only. Check with your Walmart merchant for specific category name and item description. Layouts can be sent to `WMBarcodelabeling@walmart.com` for approval.

### Department Band Colors and Icons

<table>
<thead>
<tr>
<th>Department</th>
<th>Item Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dept. 41</td>
<td>Team Sports</td>
</tr>
<tr>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Dept. 44</td>
<td>Baking</td>
</tr>
<tr>
<td></td>
<td>PMS 264 U and Black</td>
</tr>
<tr>
<td>Dept. 44</td>
<td>Life Transitions</td>
</tr>
<tr>
<td></td>
<td>PMS 264 U and Black</td>
</tr>
<tr>
<td>Dept. 44</td>
<td>Memories</td>
</tr>
<tr>
<td></td>
<td>PMS 264 U and Black</td>
</tr>
<tr>
<td>Dept. 46</td>
<td>Cosmetics/Fragrance</td>
</tr>
<tr>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Dept. 49</td>
<td>Optical</td>
</tr>
<tr>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Dept. 52</td>
<td>Floral</td>
</tr>
<tr>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Dept. 56</td>
<td>Lawn &amp; Garden</td>
</tr>
<tr>
<td></td>
<td>PMS 355 U and Black</td>
</tr>
<tr>
<td>Dept. 58</td>
<td>Connection Center</td>
</tr>
<tr>
<td></td>
<td>PMS 362 U and Black</td>
</tr>
<tr>
<td>Dept. 71</td>
<td>Furniture</td>
</tr>
<tr>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Dept. 74</td>
<td>Luggage</td>
</tr>
<tr>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Dept. 74</td>
<td>Home Management</td>
</tr>
<tr>
<td></td>
<td>PMS 362 U and Black</td>
</tr>
<tr>
<td>Dept. 79</td>
<td>Infant Consumables</td>
</tr>
<tr>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Dept. 82</td>
<td>Impulse Buy</td>
</tr>
<tr>
<td></td>
<td>Black</td>
</tr>
<tr>
<td>Dept. 82</td>
<td>Impulse Buy</td>
</tr>
<tr>
<td></td>
<td>Black</td>
</tr>
</tbody>
</table>

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General Merchandise

Back to School, Format and Icon

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Department Band Colors and Icons - Food

Store Case Markings (Not for Retail Packaging)
Store case marking icons are in addition to all required warehouse markings. These are for example only. Check with your Walmart merchant for specific category name and item description. Layouts can be sent to WMBarcodelabeling@walmart.com for approval.

D.01 Candy
PMS Yellow U and Black

<table>
<thead>
<tr>
<th>Dept. 01</th>
<th>Hard Candy</th>
<th>Item Description</th>
</tr>
</thead>
</table>

Open this document with Adobe Illustrator to access the vector artwork and icons.
**Food**

**Deli Case Formatting - Color Band**

**General Guidelines**
These guidelines were developed to standardize deli shipping case markings to enhance organization, storage, and inventory in the deli area.

**Color Band**
- The color band will be on all 4 sides of the case, as shown.
- The height of the band will be 70% of the case height.
- Position the color band with 10% of the case height on top and 20% on the bottom.
- The Glass Packaging Institute (GPI, formerly GCMI) is the standard color guide to use. Pantone equivalents are provided.
- “Keep Refrigerated” only for non-ambient items.

**Deli Color-Coded Zones**
- **Cold case** (PMS 1375 U)
- **Hot case** (PMS 187 U)
- **Grab-N-Go snacks** (PMS 312 U)
- **Entertaining** (PMS 253 U)
- **Meal solutions** (PMS 1817 U)
- **Deli kits** (PMS 3282 U)
**Bakery Case Formatting - Color Band**

**General Guidelines**
These guidelines were developed to standardize bakery shipping case markings to enhance organization, storage, and inventory in the bakery freezer.

**Color Band**
- The color band will be on all 4 sides of the case, as shown.
- The height of the band will be 70% of the case height.
- Position the color band with 10% of the case height on top and 20% on the bottom.
- The Glass Packaging Institute (GPI, formerly GCMI) is the standard color guide to use. Pantone equivalents are provided.
- “Keep Frozen” only for non-ambient items.

**Bakery Color-Coded Zones**
- **Bread** (PMS 281 U)
- **Breakfast** (PMS ORANGE 021 U)
- **Sweet goods** (PMS 369 U)
- **Cake ingredients** (PMS 2603 U)

---

**Corrugated board**

**Case height**

10%  
70%  
20%  

**KEEP FROZEN**

**Sweet Goods**

*KEEP FROZEN*

*Sweet Goods*  
*SWEET GOODS*

Keep Frozen

**Conn Lic #XXXX**

**Best If Used By:**

XX/XX/XXXX

**Item #**

**Scan For Cost In Inventory**
Food

Cake Case/Freezer Door Formatting - Color Band

Guidelines (Applies to Cake Case/Freezer Door Only)
These guidelines were developed to standardize Cake Case/Freezer Door shipping case markings to enhance organization, storage, and inventory in the bakery freezer.

**Color Band**
- The color band will be on all 4 sides of the case, as shown.
- The height of the band will be 70% of the case height.
- Position the color band with 10% of the case height on top and 20% on the bottom.
- The Glass Packaging Institute (GPI, formerly GCMI) is the standard color guide to use. Pantone equivalents are provided.
- “Keep Frozen” only for non-ambient items.

- “FRAGILE” must be included on all bakery shipping cases.
  - Place in the upper right section 1/2” from top and right edge of color-coded ban (as shown).
  - The minimum preferred size is 6” x 1.5” proportionately.

- Place “UP ARROWS” 1/2” below FRAGILE and make them as large as possible (as shown).

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Bakery/Deli Case Formatting - Hierarchy

Artwork Lock-up
The lock-up will be located in the upper left corner, approximately 1/2” to 1” from the top and left edge of each panel. All artwork within the color band will be reversed out.

A. Zone - For deli only, the zone will begin with “Dept-80”
   - Font: Helvetica Bold

B. Line - Will be approximately 75% of the width of each panel. The line separates the zone from the category.
   - Stroke: 6 pt min./10 pt max.

C. Category - Position approximately 2x the space below the line than the space between the zone and the line. There are multiple categories within each zone.
   - Font: Cooper Black (80% horizontal scale)
   - Font size: Approximately 2x the point size as the zone.

D. FOR DELI ONLY - “Keep Refrigerated” or “Keep Frozen” statement will be below the category and printed in black on the top of the case.
   - Font: Helvetica Bold or Italic
   - Font size: 75% of the zone point size
   - Top: Prints in black, size is at Supplier’s discretion.

E. Expiration Date stamp and Best if Used By stamp - Centered on one of the long sides. You may print UPCs, taglines, or other necessary information in the lower left corner of any other panel.

Categories
Ask your Walmart merchant if unsure which zone or category your product belongs in.

<table>
<thead>
<tr>
<th>Deli</th>
<th>Bakery</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Cold Case</strong></td>
<td><strong>Breakfast</strong></td>
</tr>
<tr>
<td>Bulk Meats</td>
<td>Pies</td>
</tr>
<tr>
<td>Bulk Cheeses</td>
<td>Cakes</td>
</tr>
<tr>
<td>Bulk Salads</td>
<td>Cookies</td>
</tr>
<tr>
<td>Prepared Meals</td>
<td>Brownies</td>
</tr>
<tr>
<td>Pre-Sliced Meat</td>
<td>Un-Iced Cake Layers</td>
</tr>
<tr>
<td>Pre-Sliced Cheese</td>
<td>Cupcakes</td>
</tr>
<tr>
<td>Hot Case Meats</td>
<td><strong>Pre-Made</strong></td>
</tr>
<tr>
<td>Hot Case Sides</td>
<td>Sandwiches</td>
</tr>
<tr>
<td>Snack Foods</td>
<td>Rollers</td>
</tr>
<tr>
<td>Hot Case Seafood</td>
<td>Sub</td>
</tr>
<tr>
<td>Grab-N-Go Snacks</td>
<td><strong>Gourmet Meat</strong></td>
</tr>
<tr>
<td>Hot Case Sandwiches</td>
<td>Pre-Made Party Tray</td>
</tr>
<tr>
<td>Pre-Made Burritos</td>
<td></td>
</tr>
<tr>
<td>Bottled Drinks</td>
<td></td>
</tr>
<tr>
<td>Sushi</td>
<td></td>
</tr>
<tr>
<td>Entertaining</td>
<td><strong>Cheesecakes</strong></td>
</tr>
<tr>
<td>Dips &amp; Spreads</td>
<td></td>
</tr>
<tr>
<td>Gourmet Cheese</td>
<td></td>
</tr>
<tr>
<td>Gourmet Meats</td>
<td></td>
</tr>
<tr>
<td>Pre-Made Party Tray</td>
<td></td>
</tr>
<tr>
<td>Pasta/Sauce</td>
<td></td>
</tr>
<tr>
<td>Chilled Meals</td>
<td></td>
</tr>
<tr>
<td>and Sides</td>
<td></td>
</tr>
<tr>
<td>Pizza</td>
<td></td>
</tr>
<tr>
<td>Soups</td>
<td></td>
</tr>
<tr>
<td>Wet Salads</td>
<td></td>
</tr>
<tr>
<td>Meal Solutions</td>
<td><strong>Ice Cream</strong></td>
</tr>
<tr>
<td>Sandwich Kit</td>
<td></td>
</tr>
<tr>
<td>(1 of 3, 2 of 3, 3 of 3)</td>
<td></td>
</tr>
<tr>
<td>Lettuce Salads</td>
<td></td>
</tr>
<tr>
<td>Cheese Party</td>
<td></td>
</tr>
<tr>
<td>Tray/Sub</td>
<td></td>
</tr>
<tr>
<td>Meat Party</td>
<td></td>
</tr>
<tr>
<td>Tray/Sub</td>
<td></td>
</tr>
<tr>
<td>Deli Wraps Kit</td>
<td></td>
</tr>
<tr>
<td>Pinwheel Kits</td>
<td></td>
</tr>
</tbody>
</table>

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Bakery/Deli Holiday Icon Labels

Bakery/Deli Holiday Icon Labels (Not for Retail Packaging)
Icon labels are in addition to all required general case marking requirements. These are for example only.

Apply 2 labels to lower left of opposing edges as shown below, so that the icon is visible on the long and short sides of the case. The lower right side of the case is reserved for the general case marking label.

Open this document with Adobe Illustrator to access the vector artwork and icons.

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Food

Frozen Seafood Case Formatting - Hierarchy

Artwork Lock-Up

- There are 4 zones in the frozen seafood section:
  - Raw Shrimp
  - Cooked Shrimp
  - Frozen Fish
  - Assorted Seafood

- Each case will have a color-coded band that represents its zone. These bands will be printed on all 4 sides of the case. The height of the band should be approximately 70% of the height of the case.

- GCMI is the standard color guide that is used when calling out colors on your artwork. The Pantone equivalents are provided.

- The color-coded band is positioned so that the remaining space is divided with 10% on top and 20% on the bottom.

- A single rule should be the length equal to 75% the length of each side of the case. The rule separates the zone from the various categories within each zone.

- There are multiple categories within each zone. The category name should be listed below the rule (see example).

- The lock-up will be located in the upper left corner. The left margin should be approximately 2x the distance between the zone name and the top of the color-coded band.

- The top right copy indicates the unit size. Type will be the same font and size as the zone.

Categories
Ask your Walmart merchant if unsure which zone or category your product belongs in.

- **Raw Shrimp** (GCMI 3229 / PMS 286 U)
- **Cooked Shrimp** (GCMI 74 / PMS 186 U)
- **Frozen Fish** (GCMI 25 / PMS 348 U)
- **Assorted Seafood** (GCMI 49 / PMS 253 U)
Frozen Seafood Case Formatting - Hierarchy

Typography

- All zone names, rules, unit sizes and category names should reverse out of the single-color band. At your discretion, you may print a 2nd color for UPCs, taglines, or any other necessary information in the lower left corner of each or any panel.

- The zone heading and unit size are Helvetica Bold with extra letter spacing for legibility from a distance.

- The category name under the zone and rule should be Helvetica Bold:
  - One line for 12 characters or less
  - Two lines for 12 or more characters

- The category name under the zone and rule should be approximately 2 times the height of the zone name.

- The category name should also have approximately 2-1/2 times the space below the rule than the space between the zone name and the rule.

Labels

- All labels for frozen seafood will have a white background, with the exception of thaw and sell items. Thaw and sell items are required to be printed with PMS 102 yellow on the top 2.5” of the label.

- Single label or wraparound labels are acceptable. See the Meat/Poultry/Seafood Label section of this guide for additional label requirements.
Appendix A: FedEx Labeling and PO Compliance

PO Compliance and Address Standards (for small package FedEx shipments)
In an effort to improve shipment visibility, Walmart started an initiative for Suppliers to transmit accurate PO and store address information to FedEx.

• Upload PO values electronically to FedEx using the standard PO field.
• Use a standard address format for each store using the store file found on Walmart Retail Link.
• Upload shipment data to FedEx at the end of each shipping day for compliance.

Common Address Format
To reduce shipment errors that can result in additional charges and charge-backs, use this format:
- Enter the store name in the Company Name or Company Name equivalent field.
- Make sure you use the correct store name, followed by the appropriate store #:
  Walmart # XXX
  Supercenter # XXXX
  Sam’s Club # XXX
  Sam’s Club DC # XXX
  Walmart DC # XXX
  Walmart Neighborhood Market # XXX
  - The store address goes in address line 1 or the address line 1 equivalent field.

  Company Name – Walmart # XXX
  Address 1 – 2110 West Walnut
  City – Rogers; State – Arkansas; Zip – 72756

  For an updated standard store file, visit Walmart Retail Link. If you use FedEx automation, FedEx can provide you with instructions and the formatted file to import the Walmart stores into your system.

PO Field
• All FedEx small package shipments must display the 10-digit Walmart PO #. Exception: Fixture shipment POs are 6 digits in length.
• PO data must be uploaded to FedEx electronically. If you want to ensure that PO information is uploading correctly to FedEx, you may go to www.fedex.com and follow these steps:
  1. Track a shipment that you have shipped to a Walmart location.
  2. On the results screen you should see Purchase Order Number. Your PO information should be displayed on this screen.
  3. If it is not displayed, your PO information is not uploading correctly.

Uploading Information to FedEx
FedEx provides several different automation platforms that will facilitate sending the Walmart PO on each shipment.

FedEx Automation – All FedEx automation comes with a standard PO field. This field is mapped to upload to FedEx when the day has been closed out. It is crucial for you to end your shipping day and ensure the transmission to FedEx was successful in order to transmit the PO to Walmart.

FedEx.com – The FedEx.com standard PO field is located on the second screen. You can reach the second screen by selecting the Go to options button.

FedEx Ship Manager at FedEx.com
Walmart PO #s must be entered correctly on FedEx label.

Under section 4 Billing Details, expand more reference fields to enter the Walmart PO #, PO type, and Walmart department number.

To ensure the PO gets electronically transmitted to FedEx, be sure to perform the End of Day Close.

Non-FedEx Automated EPDI/EDI
The PO # must be 10 digits (store fixture POs are 6 digits). PO must be in the detail record. PO # examples would be 1234567890 or 123456.

X12 215 – Use L1101 (PO #) and L1102 (PO qualifier in the 240 Loop.

Proprietary Flat File – You may choose either D132-133 (PO qualifier with D134-163 (10-digit number) or D164-165 (PO qualifier) with D166-195 (10-digit number). If you are not currently using either of these positions in the D record, then you will want to use D132-133 and D134-163. If you’re using a third-party system (e.g., Pitney Bowes, Kewill) or transmitting EDI without FedEx hardware, contact your third-party provider for more information on transmitting electronically to FedEx.

EPDI Support Team - 1-800-546-5222 or email epdi@fedex.com.

EDI Support Team - 1-800-546-5222 or email edihelp@fedex.com.
Appendix A: FedEx FAQ

Q. If I already have a FedEx account number, do I need to set up a new account specifically for shipping to Walmart?
A. No. You can use an account in good standing to ship FedEx to Walmart.

Q. How do I ensure my packages make it to the stores damage-free?
A. Make sure you have approved ISTA packaging (www.ista.org). FedEx provides package testing at no cost to you. Work with your local FedEx account executive to have your packaging tested. Ensure your shipping labels are PO compliant by using a FedEx automated system to process your packages. Do not place labels on seams or underneath plastic tape or obscure the label in any way.


Q. Where do I go for the most up-to-date Walmart store list or new locations?
A. For an up-to-date Walmart store list, consult the Walmart vendor site on Walmart Retail Link. You may download the addresses to your automation device. For assistance, contact the Customer Automation Help Desk at 1-877-339-2774 during the following hours: Monday–Friday, 7:00 a.m.–10:00 p.m. CST and Saturday, 7:00 a.m.–7:00 p.m. CST. Be sure to inform them you are a vendor for Walmart.

Q. Who do I contact if I have problems with my FedEx automation device?
A. Call the FedEx hotline that corresponds with your automation device, or contact your local FedEx account executive. For questions regarding Ship Manager at www.fedex.com or QuickShip software, call 1-877-339-2774. Be sure to inform them you are a vendor for Walmart.

Q. Where do I go to ship FedEx Small Parcel billing to 3rd-party for Walmart.com drop ship items?
A: Click Here: FedEx Quick Guide to Bill 3rd Party. Non-compliance to this policy may result in charge-backs to the vendor.

Q. Do I need an SSCC18 barcode when shipping items via FedEx?
A. If your item is shipping to a Walmart Store or DC, an SSCC18 barcode is required. This can be included on your Fed Ex shipping label or may be applied as a separate label.
Appendix B: UPS Labeling and PO Compliance

PO Compliance and Address Standards (for UPS small package shipments)

UPS WorldShip® is a full-featured, Windows-based shipping software application for customers with high volume shipping needs. For all small package shipments, Walmart requires:

- All Suppliers shipping UPS small package to Walmart Stores, Sam’s Club, and DCs must include the 10-digit Walmart PO # associated with the shipment in the Reference Number 1 field.

- If it’s a fixture PO, the 6 or 7-digit fixture PO # should be used in the Reference Number 1 field.

- Additional characters such as PO#, PO, P.O. etc. should not be included.

- Each PO must be sent electronically and must appear on each package.

- PO information should be transmitted electronically to UPS at the end of each business day.

- If shipments are being sent consignee billing, Suppliers must be approved consignee billing shippers and should use the approved address listing found on Walmart Retail Link to avoid charge-backs.

Shipment information, including PO #’s and shipping addresses may be keyed in manually or imported from a database or delimited text file. If you are not using UPS WorldShip®, contact your software provider for detailed instructions on how to import the PO # into the Reference Number 1 field.

Instructions for Verifying Correct Walmart PO # Entry

The PO # has been entered correctly if it appears in the REF field on the bottom of the UPS shipping label. Ensure that no letters or symbols appear in this field. Refer to the label example shown.

Instructions for Verifying Correct Walmart PO # Entry

The PO # has been entered correctly if it appears in the REF field on the bottom of the UPS shipping label. Ensure that no letters or symbols appear in this field. Refer to the label example shown.

NOTE - An SSCC18 barcode is required for all shipments to a Walmart Store or DC. The SSCC18 can be included as part of your UPS Shipping label or may be a separate label.

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Appendix C: ISTA Testing

Source: https://ista.org/test_procedures.php#3Series

ISTA 3 Series tests are advanced tests that are designed to challenge the capability of a package and product to withstand transport hazards throughout the supply chain. They are conducted on packaged products where the package and product are considered one unit. These tests are based on the generalized simulation of actual transport hazards and may include random vibrations, shocks, drop tests, and other stresses normally encountered during handling and transportation.

These tests can also be used to evaluate load stability.

Qualifiers

- ISTA 3 Series tests do not necessarily comply with carrier packaging regulations.
- Test levels are based on general data and may not represent any specific distribution system.
- Some conditions of transit, such as moisture, pressure, or unusual handling may not be covered.

When properly executed, the implementation of ISTA testing procedures may provide the following benefits:

- Reduction in damage and product loss.
- Reduction in shipping delays due to damaged freight issues.
- Reduction in claims and claim processing time for damaged freight.
- Improved customer satisfaction which impacts the bottom line.

Overview of Procedure 3A

**Packaged Products for Parcel Delivery System Shipments 150 lb. (70 kg) or Less**

Test Procedure 3A is a general simulation test for individual packaged products shipped through a parcel delivery system. The test is appropriate for four different packages commonly distributed as individual packages, either by air or ground. These include standard, small, flat, and elongated packages.

Procedure 3A includes an optional test combining random vibration under low pressure which simulates high altitude. This test is designed to test the container’s ability to hold a seal or closure and its ability to retain contents without leaking.

Definitions

**Standard packaged products.** Any packaged product that does not meet any of the definitions below for a small, flat, or elongated packaged product. Standard packaged product may include packages such as traditional fiberboard cases, as well as plastic, wooden, or cylindrical containers.

**Small packaged products.** Any packaged product which meets the following:

- Volume is less than 800 in³ (13,000 cm³) and
- Longest dimension is 14” (350 mm) or less and
- Weight is 10 lb. (4.5 kg) or less.

**Flat packaged products.** Any packaged product which meets the following:

- Shortest dimension is 8” (200 mm) or less and
- Next longest dimension is 4 or more times larger than the shortest dimension and
- Volume is 800 in³ (13,000 cm³) or greater.

**Elongated packaged products.** Any packaged product which meets the following:

- Longest dimension is 36” (900 mm) or greater and
- The other two dimensions of the package are each 20% or less of the longest dimension.

**NOTE - If a packaged product is both flat and elongated, the package should be tested as elongated.**
Appendix C: ISTA Testing

Overview of Procedure 3B
Packaged Products for Less-Than-Truckload (LTL) Shipments
Procedure 3B is a general simulation test for packaged products shipped through a motor carrier (truck) delivery system, where different types of packaged products, often from different shippers and intended for different ultimate destinations, are mixed in the same load. This type of shipment is called LTL.

Procedure 3B is appropriate for four types of packages commonly included in LTL shipments:
- Standard 200 lb. (91 kg) or less, including elongated and flat packages.
- Standard over 200 lb. (91 kg), including elongated and flat packages.
- Cylindrical, including elongated cylinders.
- Palletized or skidded – Individual container, bulk container, or unitized load on or incorporating a base or platform which allows the entry of lift truck forks.

Testing requirements may include atmospheric conditioning, tip over, shock and impact, random vibration with top load, concentrated impacts, and forklift handling.

Overview of Procedure 3E
Procedure 3E is a general simulation test for unitized loads of similar retail or institutional packaged products shipped from a manufacturing location to a distribution center. The unitized loads of packaged products are shipped through a motor carrier (truck) delivery system, where an entire trailer load is filled with unitized packaged products, often of similar retail packaged products, intended for one destination. This type of shipment is called Full Truckload (FTL).

A unitized load is defined as one or more products or packaged products, usually on a skid or pallet but always secured together or restrained for distribution as a single load. Examples would be a stretch-wrapped pallet load of individual containers, a single non-packaged machine banded to a pallet, or a pallet with a corrugated tray, tube, and a cap.

- It can be used to evaluate the protective performance of packaged products related to vibrations, shocks, and other stresses normally encountered during handling and transportation.
- The test levels are based on general data and may not represent any specific retail distribution system.
- The package and product are considered together and not separately.
- Some conditions of transit, such as moisture, pressure, or unusual handling, may not be covered.

Other ISTA procedures may be appropriate for different conditions or to meet different objectives.

NOTE - Refer to: ista.org/ for more information.

Overview of Procedure 3F
Test Procedure 3F is a general simulation test for packaged products that are shipped as an individual package from a distribution center to a retail outlet in a mixed pallet configuration.

- It can be used to evaluate the protective performance of packaged products related to vibrations, shocks, and other stresses normally encountered during handling and transportation.
- The test levels are based on general data and may not represent any specific retail distribution system.
- The package and product are considered together and not separately.
- Some conditions of transit, such as moisture, pressure or unusual handling, may not be covered.

Other ISTA procedures may be appropriate for different conditions or to meet different objectives.

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Appendix C: ISTA Testing

Source: https://ista.org/test_procedures.php#6Series

ISTA 6 Series test protocols were created by ISTA members to meet their particular purposes and applications. The tests may be completely original or may be modifications or variations of ISTA procedures and projects or other published and accepted tests. ISTA reviews and approves these tests, but primary responsibility rests with the originating members.

Qualifiers

• ISTA 6 Series tests do not necessarily comply with carrier packaging regulations.

• Test levels are based on data specific to the member organization that defined the test protocols and may not represent Walmart-specific distribution systems.

• Some conditions of transit, such as moisture, pressure, or unusual handling may not be covered.

Overview of Procedure 6-SAMSCLUB (Unitized Products for Shipment to Sam's Club)

ISTA® 6-SAMSCLUB was developed by ISTA in cooperation with Sam's Club and is designed as a General Simulation protocol. ISTA 6-SAMSCLUB is a general simulation test for packaged products shipped through the Sam's Club® distribution system to final destinations in the U.S. It was developed from an extensive survey, observation, and field measurement program of the actual Sam's Club system. The program involved personal visits to various Distribution Centers, overseas suppliers and ports, and U.S. Club stores. Ocean containers, trucks, and forklifts were monitored using advanced instrumentation for acceleration and other data. Industry experts translated this information, observation, and data into the Project 6-SAMSCLUB (according to this: https://keystonecompliance.com/project-6-samsclub/) laboratory tests.

Overview of Procedure 6-FEDEX-A (Packaged Products for Parcel Delivery System Shipments 150 lb. (70 kg) or Less)

FedEx package testing procedures are based on industry data, as well as international testing procedures and standards, to provide reliable packaging tests for Walmart customers with an active FedEx account number. These are general simulation procedures for testing packaged products weighing up to 150 lbs. We use drop, impact, compression, and vibration tests to evaluate the integrity and protective performance of the packaging.

Definitions

Regular Package
A package that is not defined as flat or elongated.

Flat Package
A package is classified as flat if the shortest dimension is less than or equal to 8", the next shortest dimension is at least four times the length of the shortest dimension, and the volume of the total package is at least 800 cubic inches.

Elongated Package
A package is classified as elongated if the longest dimension is at least 36" and the other two dimensions measure 20 percent or less than the longest dimension.

NOTE - If a packaged product is both flat and elongated, the package should be tested as elongated.

Overview of Procedure 6-FEDEX-B (Packaged Products for Parcel Delivery System Shipments Over 150 lb. (70 kg))

FedEx package testing procedures are based on industry data, as well as international testing procedures and standards, to provide reliable packaging tests for our customers with an active FedEx account number. These are general simulation procedures for testing packaged products weighing more than 150 lbs. We use impact, compression, and vibration tests to evaluate the integrity and protective performance of the packaging.

Because FedEx requires that any shipment weighing more than 150 lbs. contain a base that permits movement with a forklift or standard freight pallet jack, the strength of the shipping unit base is also tested for mechanical handling. Finally, the load integrity and stability in the shipping and handling environment are also tested. If at any point during the testing sequences damage is noted, further testing may not be completed.
## Appendix D: Walmart & Sam’s Club Temperature Standards for Receiving and Storage of Perishable Commodities

<table>
<thead>
<tr>
<th>Fresh Area</th>
<th>Category</th>
<th>Commodity</th>
<th>Acceptable Receiving Pulp Temp. Range</th>
<th>Required DC &amp; Trailer Storage Temp (All Sam’s 34F Produce - Cold preferred)</th>
<th>DC Storage Setpoint And Alarm Ranges</th>
<th>Suggested Trailer Set Points</th>
<th>Top Ice Pack (GDC Only)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Produce</td>
<td>Veg</td>
<td>Aloe vera</td>
<td>33-60</td>
<td>54 DRY</td>
<td>54F - 50/56</td>
<td>54F - 50/56</td>
<td>54</td>
</tr>
<tr>
<td>Produce</td>
<td>Veg</td>
<td>Anise</td>
<td>33-40</td>
<td>34 WET</td>
<td>34F - 32/36</td>
<td>34F - 32/36</td>
<td>34</td>
</tr>
<tr>
<td>Produce</td>
<td>Fruit</td>
<td>Apples, all except new season</td>
<td>33-40</td>
<td>34 COLD</td>
<td>34F - 32/36</td>
<td>34F - 32/36</td>
<td>34</td>
</tr>
<tr>
<td>Produce</td>
<td>Fruit</td>
<td>Apples, new crop (mid Aug - Oct)</td>
<td>33-60</td>
<td>34 COLD</td>
<td>34F - 32/36</td>
<td>34F - 32/36</td>
<td>34</td>
</tr>
<tr>
<td>Produce</td>
<td>Fruit</td>
<td>Apricots</td>
<td>33-40</td>
<td>34 COLD</td>
<td>34F - 32/36</td>
<td>34F - 32/36</td>
<td>34</td>
</tr>
<tr>
<td>Produce</td>
<td>Veg</td>
<td>Artichokes: globe, Jerusalem</td>
<td>33-40</td>
<td>34 WET</td>
<td>34F - 32/36</td>
<td>34F - 32/36</td>
<td>34</td>
</tr>
<tr>
<td>Produce</td>
<td>Veg</td>
<td>Asparagus</td>
<td>33-40</td>
<td>34 WET</td>
<td>34F - 32/36</td>
<td>34F - 32/36</td>
<td>34</td>
</tr>
<tr>
<td>Produce</td>
<td>Fruit</td>
<td>Avocado, Chilean, mid-late season (CA/MX), new crop, green skin (FL/TX) - WM proposal</td>
<td>34-60</td>
<td>34 COLD</td>
<td>54F - 50/56</td>
<td>54F - 50/56</td>
<td>54</td>
</tr>
<tr>
<td>Produce</td>
<td>Fruit</td>
<td>Avocado (Sam’s Club)</td>
<td>40-60</td>
<td>34 COLD (54F week 2 to 32)</td>
<td>34F - 32/36 (54F wk 22-32)</td>
<td>34 / 54 (wk 22-32)</td>
<td>34</td>
</tr>
<tr>
<td>Produce</td>
<td>Value</td>
<td>Avomex Guacamole Dip</td>
<td>33-40</td>
<td>34 COLD</td>
<td>34F - 32/36</td>
<td>34F - 32/36</td>
<td>34</td>
</tr>
<tr>
<td>Produce</td>
<td>Fruit</td>
<td>Banana; leaves, Manzano, red, plantain</td>
<td>40-60</td>
<td>54 DRY</td>
<td>54F - 50/56</td>
<td>54F - 50/56</td>
<td>54</td>
</tr>
<tr>
<td>Produce</td>
<td>Fruit</td>
<td>Bananas, premium</td>
<td>56-62</td>
<td>Banana rooms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Produce</td>
<td>Veg</td>
<td>Beans, French green (Sam’s Club), trimmed green, lima, fava</td>
<td>33-40</td>
<td>34 WET</td>
<td>34F - 32/36</td>
<td>34F - 32/36</td>
<td>34</td>
</tr>
<tr>
<td>Produce</td>
<td>Veg</td>
<td>Beans, snap or green</td>
<td>33-60</td>
<td>34 WET</td>
<td>34F - 32/36</td>
<td>34F - 32/36</td>
<td>34</td>
</tr>
<tr>
<td>Produce</td>
<td>Veg</td>
<td>Beets, bunch, root</td>
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<tr>
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<td>Fruit</td>
<td>Berries, black, blues, cranberries, raspberries, strawberries</td>
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<td>34 COLD</td>
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<td>Produce</td>
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<td>Bok choy</td>
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<td>Veg</td>
<td>Cabbage, Chinese (napa), green, red, savoy</td>
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<td>34 WET</td>
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<td>Cactus leaves - bulk</td>
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<td>Cactus Leaves - packaged</td>
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<td>34F - 32/36</td>
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<td>Veg</td>
<td>Celery, hearts, root</td>
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<td>34 WET</td>
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## Appendix D: Walmart & Sam’s Club Temperature Standards for Receiving and Storage of Perishable Commodities

<table>
<thead>
<tr>
<th>Fresh Area</th>
<th>Category</th>
<th>Commodity</th>
<th>Acceptable Receiving Pulp Temp. Range</th>
<th>Required DC &amp; Trailer Storage Temp (All Sam’s 34F Produce – Cold preferred)</th>
<th>DC Storage Setpoint And Alarm Ranges</th>
<th>Suggested Trailer Set Points</th>
<th>Top Ice Pack (GDC Only)</th>
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<tbody>
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<td>Veg</td>
<td>Chayotes</td>
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<td>Corn, husk</td>
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<td>Cucumbers, baby, hot house, packaged organic, pickling</td>
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<td>Veg</td>
<td>Cucumbers, bulk</td>
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<td>34F - 32/36</td>
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<td>Greens, collards, mustard, turnip</td>
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<td>Herb, arrugula, baby dill, baby leaves, mint, thyme, chives, poultry, sage, rosemary, cilantro</td>
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<td>34 WET</td>
<td>34F - 32/36</td>
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## Appendix D: Walmart & Sam’s Club Temperature Standards for Receiving and Storage of Perishable Commodities

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<thead>
<tr>
<th>Fresh Area</th>
<th>Category</th>
<th>Commodity</th>
<th>Acceptable Receiving Pulp Temp. Range</th>
<th>Required DC &amp; Trailer Storage Temp (All Sam’s 34F Produce - Cold preferred)</th>
<th>DC Storage Setpoint And Alarm Ranges</th>
<th>Suggested Trailer Set Points</th>
<th>Top Ice Pack (GDC Only)</th>
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<tbody>
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<td>Produce</td>
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<td>Veg</td>
<td>Herbs (lightly dried, paste)</td>
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<td>Herbs potted (live)</td>
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<td>54F - 50/56</td>
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<th>Suggested Trailer Set Points</th>
<th>Top Ice Pack (GDC Only)</th>
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<td>34 COLD</td>
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<td>54F - 50/56</td>
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<td>Oranges (CA, AZ, FL, TX), blood, juice</td>
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<td>Fruit</td>
<td>Peaches, Tree-Ripe, white-flesh</td>
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<td>Pears (Anjou, Bosc, Bartlett, 20th Century Asian)</td>
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<td>34 COLD</td>
<td>34F - 32/36</td>
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<td>Fruit</td>
<td>Pears (cactus)</td>
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<td>Peas, sugar snap, snow, black-eyed</td>
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<td>Persimmon; Fuyu, Hachiya</td>
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### Appendix D: Walmart & Sam’s Club Temperature Standards for Receiving and Storage of Perishable Commodities

<table>
<thead>
<tr>
<th>Fresh Area</th>
<th>Category</th>
<th>Commodity</th>
<th>Acceptable Receiving Pulp Temp. Range</th>
<th>Required DC &amp; Trailer Storage Temp (All Sam’s 34F Produce - Cold preferred)</th>
<th>DC Storage Setpoint And Alarm Ranges</th>
<th>Suggested Trailer Set Points</th>
<th>Top Ice Pack (GDC Only)</th>
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<td>54 DRY</td>
<td>54F - 50/56</td>
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<td>54 DRY</td>
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## Appendix D: Walmart & Sam's Club Temperature Standards for Receiving and Storage of Perishable Commodities

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<tr>
<th>Fresh Area</th>
<th>Category</th>
<th>Commodity</th>
<th>Acceptable Receiving Pulp Temp. Range</th>
<th>Required DC &amp; Trailer Storage Temp (All Sam's 34F Produce - Cold preferred)</th>
<th>DC Storage Setpoint And Alarm Ranges</th>
<th>Suggested Trailer Set Points</th>
<th>Top Ice Pack (GDC Only)</th>
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<tbody>
<tr>
<td>Produce</td>
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<td>Vegetable sticks (celery/carrots)</td>
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<td>34 WET</td>
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<td>Watercress</td>
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<td>Watermelons, Personal</td>
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<td>Meat</td>
<td>Beef (boxed - WM)</td>
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<td>Beef (boxed - Sam's Club)</td>
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<td>Case ready (beef, pork, ground beef)</td>
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<td>Poultry</td>
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<td>Seafood</td>
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<td>Seafood</td>
<td>Vacuum Packed Oxygen Permeable Fresh Fish - Tilapia, Salmon, Grouper, Cod, Trout, and ETC. (Sam's Club)</td>
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<th>Suggested Trailer Set Points</th>
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<td>Floral</td>
<td>Fresh Cut</td>
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### Appendix D: Walmart & Sam’s Club Temperature Standards for Receiving and Storage of Perishable Commodities

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<tr>
<th>Fresh Area</th>
<th>Category</th>
<th>Commodity</th>
<th>Acceptable Receiving Pulp Temp. Range</th>
<th>Required DC &amp; Trailer Storage Temp (All Sam’s 34F Produce - Cold preferred)</th>
<th>DC Storage Setpoint And Alarm Ranges</th>
<th>Suggested Trailer Set Points</th>
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Appendix E: Previous Updates

These standards have included multiple clarifications of what is **required** and what is **NOT ALLOWED**. These changes have been updated throughout the published standards to provide clarity to Suppliers. The pages have been reorganized to provide a better flow.

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<td>188-191</td>
<td>Add SQEP Supporting Standards Chart</td>
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<td>Add ISTA Test Standards to General Requirements Section of the Standards, Clarify Requirements</td>
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<td>Clarify Automation Eligible/Ineligible Case Specifications</td>
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<td>215</td>
<td>ADD GTIN Use at Walmart page for clarity</td>
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<td>Add GSI-128 GTIN barcode guidelines to general case markings</td>
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<td>Add GSI-128 GTIN barcode guidelines to inner case markings</td>
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<td>227</td>
<td>Add GSI-128 GTIN barcode guidelines to Pallet Pull / PDQ Shipping label</td>
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<td>238-239</td>
<td>Clarify Additional Unitized Stacking Methods</td>
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<td>Add Apparel Packaging Standards</td>
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<td>Clarify GTIN use on Sellable Unit Marking Requirements (FC only)</td>
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<td>Add GSI-128 GTIN barcode guidelines to Consolidation Center Pallet Shipping Label</td>
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<td>Add Scale By Date as to Meat/Poultry required date types</td>
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<td>Remove ITF-14 as allowable barcode format for Produce Label (PTI label)</td>
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<td>Add GSI-128 GTIN barcode guidelines to Bakery/Deli Wrap around label</td>
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<td>Update Grocery Consolidation Center Standards</td>
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<tr>
<td>333-357</td>
<td>Update Store Case Marking Requirements for Clarity</td>
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Appendix E: Previous Updates, cont...

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<td>Clarify Items Affecting the Ability to Scan Barcodes</td>
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Appendix E: Previous Updates, cont...

These standards have included multiple clarifications of what is **required** and what is **NOT ALLOWED**. These changes have been updated throughout the published standards to provide clarity to Suppliers. The pages have been reorganized to provide a better flow.

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Appendix F: Walmart USA and Puerto Rico Case Labels

Ordering Avery Dennison (AD) Labels

1. Supplier requests labels by completing and faxing or emailing the call-out form to the appropriate AD office at least ten (10) days before the PO cancel date. AD will transmit the order to the appropriate production site.

2. Complete all required data fields.
   - DATE SUPPLIER SENDS CALL-OUT FORM (Date the Supplier transmits the order)
   - REQUESTED LABEL DELIVERY DATE (Date desired for delivery of labels from AD. Allow for normal transit times so that labels arrive when required.)
   - SHIP TO (Where to deliver labels - details, accurate address, contact name, phone, and fax)
   - BILL TO (To whom bill will be sent - details, accurate address, contact person, phone, and fax)
   - ORDER FOR (Check appropriate Walmart retail market.)
   - WALMART PO # (Enter 10 digits, including any leading zeros.)
   - WALMART ASSORTMENT # or ITEM # (Enter assortment number if both numbers [assortment and item] exist in Walmart PO; otherwise, enter item number.) AD is not authorized to change the Walmart item number. If the item number entered on the call-out form is different than the item number on the PO, AD will work with the Supplier and Walmart for resolution.
   - ACTUAL SUPPLIER STOCK # (Enter Supplier’s actual stock number, even if different from stock number in Walmart PO. Enter only one stock number per item or assortment. For assortments, enter only the stock number assigned to the assortment.)
   - NUMBER OF LABELS REQUIRED (Indicate desired allowance quantity [including any overage or safety stock] for each Walmart PO. AD will not print any additional quantities.)

3. Transmit call-out form to a location listed in the call-out form. Do not send the call-out form more than 4 weeks before the requested label delivery date. Contact local AD service representatives to obtain order status.

4. AD electronically cross-references the call-out with the Walmart PO within 24 hours. If exceptions exist, AD researches the problem with an expectation of resolution within 48 hours.

5. AD advises the Supplier if they cannot confirm the call-out within 24 hours. AD periodically advises the Supplier (and Walmart if it is a critical issue) of the status of specific types of suspended orders until resolved, confirmed, or canceled. AD notifies the origin cargo manager (OCM) only if the PO number declared by the Supplier does not match AD’s file of Walmart POs.

6. A confirmed call-out initiates printing of the labels.

7. AD normally ships labels within 72 hours (3 working days) after receiving a confirmed call-out. If AD receives the call-out well before the 72-hour production window (in other words, if the form arrives early), AD immediately prints the labels and holds until time to deliver according to the requested label delivery date. AD relies on the accuracy of the addresses on the call-out and ships labels to the exact address provided in the call-out. Likewise, AD sends the invoices to the “Bill to” address specified on the call-out.

**NOTE - For eCommerce only:** When the vendor case quantity is equal to 1, meaning one selling unit is within its own shipping case, a UPC-A (GTIN12) or EAN (EAN-13) formatted barcode is required on the outer case.

Print Locations, Pricing, and Freight Charges

Avery Dennison label call-out form, label prices*, locations, and contacts, can be found on Walmart Retail Link at: Docs > Global Direct Importing Information > Packaging, Shipping, & Pallet Requirements - Avery Dennison Direct Import Shipping Case Barcode Label Call-Out Form

*Prices are from FCA Avery Dennison’s production facility, which adds delivery charges to the invoice. Complete the call-out form and fax or email it to the appropriate AD ticketing center.

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Appendix F: Walmart USA and Puerto Rico Case Labels, cont...

Delayed Direct Imports Shipping Labels
Occasionally a late PO creation or revision will delay transmission of a PO. If AD reports that a label is delayed due to not receiving the electronic PO, ask the AD office to request the PO from Walmart. Often, by the time Walmart receives the request, AD will already have received the PO. If, after another day, the AD office still does not have the PO in their system, refer to the Contacts section of this manual for the appropriate contact.

Invoicing for Direct Imports Shipping Labels
Supplier pays the cost of the labels, including delivery charges. Suppliers who have no credit history with AD should contact AD for a credit application. Complete the application and fax it to the appropriate AD office prior to or with a first call-out. AD bills the Supplier semi-monthly. Terms for payment are net 30 days from the invoice date. Keep the account current.

Application of Direct Imports Shipping Labels
The Supplier applies case labels before delivering cargo to the port. The label has the same format and shows the same type of information as the label shown on the right. This process also applies to replenishment orders.

Direct Imports Shipping Label Inspections
The Supplier applies the labels before a scheduled quality inspection, if applicable. Inspectors check that the Supplier applies labels in the proper location and that contents match both case markings and labels. Failure to comply results in a failed inspection. The Supplier corrects label errors and pays any and all incurred charges. Upon issuance of the shipping order or Supplier declaration, the OCM confirms whether the Supplier applied the labels.

If the Supplier delivers cargo to an OCM warehouse for consolidation, the OCM inspects shipping case labels. If the OCM identifies problems, the OCM immediately contacts the Supplier to coordinate and solicit authorization for corrective action. Suppliers are accountable for any and all changes to labels on cases.

Replacement Direct Imports Shipping Labels - Supplier Error
If the Supplier does not properly apply case labels prior to shipment, or if labels are missing upon arrival at PO destination, Walmart can file a claim against the Supplier for replacement labels, which are printed by deconsolidator or Walmart Import distribution center (DC) and applied at destination. The fee is US $1.00 per case.

NOTE - If Supplier already paid for incorrect labels, AD issues a credit note to the Supplier so that the Supplier pays only once for correct labels.

Replacement Direct Imports Shipping Labels - Walmart Error
When sending a revised call-out to AD, the Supplier sends a separate explanation of reason(s) for label reorder to WGS or DSG, as appropriate, with copy to OCM and Walmart contact, if available.

Upon receipt of a revised call-out, AD prints and delivers the new labels. If updated PO information is not available to AD, they will ask Walmart for confirmation. AD does not delay processing and delivery of new labels while awaiting confirmation.

If confirmed, AD issues 2 bills:
• The Supplier pays only the charges for the correct labels.
• Walmart pays the previous charges for the incorrect label.

Case label (example only)
Case GTIN in ITF-14 format
DEPT # 5 digits (counting leading zeros)
PO # 10 digits (counting leading zeros)
ITEM # shown on the barcode label will be the 9-digit assortment number (counting leading zeros) if both the assortment number and item number exist on the purchase order; otherwise, the ITEM # shown on the barcode label will be the individual item number.
If the order is for an apparel or related department, the word APPAREL will appear in white text against a black background.
General FAQs

Q: Do cases shipping into a Grocery DC need to be automation eligible?
A: Cases are likely to encounter conveyance and automation within the grocery DCs. Consult with the Logistics Packaging Manager at logpkg@wal-mart.com.

Q: Can I ship on slip sheets instead of pallets?
A: If your load weighs out before it cubes out, you must ship on pallets. Suppliers must contact the Logistics Packaging Manager at logpkg@wal-mart.com for approval before shipping on slip sheets.

Q: Does Walmart require a specific brand of pallet such as Chep or Peco?
A: Walmart does not endorse any specific brand of pallet. Pallets must meet or exceed the minimum pallet standards found in the Supply Chain Standards.

Q: My item does not fit on a standard 48” x 40” pallet. Can I ship on an oversized pallet?
A: The shipping case should be designed to fit within a standard 48” x 40” pallet footprint. If the dimensions of the item exceed the footprint of a standard pallet, contact the Logistics Packaging Manager at logpkg@wal-mart.com.

Q: Is a GS1 BOL required?
A: A GS1 standard BOL is preferred when shipping into a Walmart DC.

Q: Can I band multiple vendor packs together when shipping UPS or FedEx?
A: No. Multiple vendor packs cannot be banded together. This is considered master packing and may cause receiving errors.

Q: Can I ship multiple items on the same pallet?
A: Yes. Items from the same PO can be loaded on the same pallet. You should also load the trailer by PO by item. Freight should be layered by item and not spread throughout the pallet.

Q: Is a GTIN barcode still required when sending ASN?
A: Yes. The GTIN barcode identifies the shipping case. The GTIN barcode is one of many required data fields on each vendor pack that has more than one selling unit in the case. See the General Case Markings section of these standards for more information.

Q: Do I have to have a shipping label on each case?
A: Yes, unless you’re shipping unitized pallets to the DC in full truckload quantity. In that instance, a pallet label is acceptable. See the Supply Chain Standards more information.

Q: Can I put all the required markings and shipping information on one label?
A: Yes. Your product identification information can be included on the shipping label. The label must be on each case when using only one label.

Q: My vendor pack does not meet the minimum automation eligible case requirements. Should I increase the dimensions of my case to meet the automation eligible case requirements?
A: No. You should not add unnecessary packaging to your case. If your item does not meet the minimum automation eligible requirements found in the Supply Chain Standards, work with your buyer to increase the case pack size or set the item up as a break pack.

Q: How often does Walmart update its packaging standards?
A: The secondary packaging standards are typically reviewed and updated every 6 months. It is the Supplier’s responsibility to understand and comply with the packaging standards. An executive summary is included in each revision to allow for a quick review of standards changes.

Q: What is Walmart’s GS1 Prefix?
A: Walmart’s GS1 Prefix is 78742.
Plastic Bag Safety Labeling FAQs

Q: How is the 5" opening measured?
A: Per Rhode Island’s law, the 5" opening is the diameter of the opening.

Q: Is the 40" (“greater than 40”, this warning or an equivalent warning must repeat at 20” intervals”) actually supposed to be surface area?
A: No, this was a typo. Per Massachusetts law, “In the case of bags whose total length and width (when added) is more than 40”, the label shall be repeated at 20” intervals.”

Q: What is the timeline for making changes if the verbiage on my bag does not match verbatim?
A: The verbiage need not match verbatim. The warning must be present as outlined or something approved as equivalent thereof. If your existing warning is not equivalent to the outlined requirement, do a rolling change to come into compliance as soon as possible.

Q: Does the warning need to be in Spanish?
A: No, this warning need not be bilingual.

Q: Can this warning be in multiple languages?
A: English is the only language required; however, if you choose to include additional languages, that is acceptable.

Q: On font size chart, is the bag size length x width or length + width?
A: The bag size for the purpose of finding the correct font should be calculated by adding the length and width (length + width).

Q: My bag is .6 mm thick. Do I need the warning?
A: No. The warning is required if the bag is less than one mil (0.001 inch or 1/1000 of an inch) which in metrics is equivalent to 0.0254 mm. If your bag is more than 0.0254 mm, the warning is not required.

Q: If the plastic bag’s thickness is more than one mil (0.001 inch), then NO need to print warning on bags?
A: Correct. If the bag is thicker than one mil (1/1000 inch, 0.001 inch, 0.0254 mm), then no warning is required.

Q: Does the warning need to be printed on both sides of the bag?
A: The warning must be “visible” on both sides of the bag. Therefore, if the plastic is clear and the warning can be viewed from both sides, it need not be printed on both sides. If the bag is a solid color, the warning must be printed on both sides in contrasting color.

Q: How big does the bag have to be to have the warning?
A: If the bag is less than one mil thick and has an opening of 5” in diameter and is of sufficient size to hold the warning in 10 point font, the warning must appear. There is no “minimum” size bag for this warning.

Questions or comments:
Suppliers may submit questions or comments by emailing them to gmcomply@walmart.com.
Glossary

Aged Inventory
Items that have been in DC inventory for 90 days or longer.

Assembly
A method by which stores replenish basic merchandise. Normally, replenishment is reviewed once each week. The stores and quantities are consolidated by warehouse, and a Type 33 purchase order is generated automatically by the system and sent to the Supplier.

Backhaul
Process where merchandise is transported from a vendor to a DC via Walmart truck.

Bill Of Lading (BOL)
Document received and sent with merchandise to prove acceptance of goods for shipping and/or receiving.

Break Pack
A case received in the warehouse with two or more inner selling units that can be broken down and shipped to the stores.

Carrier Due Date (CDD)
The date generated at load level by the Walmart Transportation Department to set carrier delivery expectations. It will not necessarily match up with the MABD.

Carrier Pickup Date (CPU)
The date provided after the PO has run through the LoadBuilder optimization system. As a result of this optimization, there are times when the CPU is different from the original ship on date. The Supplier should follow the CPU, not the ship on date.

Case Pack
Merchandise shipped in full cases. Cases cannot be broken into smaller cases.

Claim
Action taken against a carrier, Supplier, or individual for lost and/or damaged freight.

Consolidation Facility (Center Point)
A central location that processes full trailer loads of LTL-sized POs. The POs are cross docked and reloaded on outbound trailers destined to Walmart and Sam’s Club DCs.

Consolidator
A point where Walmart freight is accumulated, consolidated, and forwarded to the distribution center.

Corporate Traffic
The department responsible for contracting carriers, carrier claims, freight payment, and collect shipments.

Cross Docking
Process of less than truck load (LTL) Suppliers consolidating their loads with other Suppliers. This merchandise is then delivered to the warehouse, where it is split based on store number to be shipped to. This is also referred to as distribution receiving.

Cube
The amount of space an item of merchandise occupies.

DC Pooling
A type of two-tier where product need for multiple DCs, fulfilled from the same Supplier ship point, is evaluated. A truckload order is generated and routed to a specified consolidation facility when the need for the multiple DCs rises to the level that a full truckload can be ordered.

Dangerous Goods
Solids, liquids, or gases that can harm people, other living organisms, property, or the environment. They are always subject to chemical regulations.

Direct to Store (DTS)
Merchandise that travels directly from the vendor to a retail store. For questions or issues with DTS shipments, reach out to your SSM.

Direct Store Delivery Consolidation (DSDC)
A program developed to provide an efficient channel to replenish stores in less-than-case pack quantities.

Display Ready Container (DRC)
Open top carton made from corrugated material. Widely used to move produce items throughout the supply chain.

Drop
A location where a trailer stops to load/unload merchandise.

Drop and Hook
An empty trailer is dropped at a Supplier or warehouse and a loaded trailer is picked up.
**Glossary**

**EPCIS**  
(Electronic Product Code Information Services) is a global GS1 Standard for creating and sharing visibility event data, both within and across enterprises, to enable users to gain a shared view of physical or digital objects within a relevant business context.

**Free on Board or Freight on Board (FOB domestic)**  
The point at which the ownership of merchandise passes from the seller to the purchaser. Indicates that the seller provides transportation from the factory to trucks, railcars or consolidators, after which point the buyer assumes responsibility for ownership and associated shipping costs.

**Global Location Numbers (GLN)**  
Also referred to as EAN location codes, ANA numbers, ILN numbers. A 13-digit number that identifies a trade location or company.

**Global Trade Item Number (GTIN)**  
A globally unique number used to identify trade items, products, or services. GS1 defines trade items as products or services that are priced, ordered, or invoiced at any point in the supply chain.

**International Air Transportation Association (IATA)**  
Trade association for the world’s airlines. Works closely with local governments to develop regulations for hazardous materials or dangerous goods.

**International Maritime Dangerous Goods (IMDG)**  
International guideline to the safe transportation or shipment of dangerous goods or hazardous materials by water on vessel.

**International Safe Transit Association (ISTA)**  
The organization that sets the standard for safe packaging and safe transit within specified damage limits. Walmart packaging must meet specific ISTA standards for strength and durability.

**Import Distribution Center (IDC)**  
A facility designated to hold import merchandise until a particular selling season. The facilities are located across the nation.

**Imports**  
Merchandise brought in from another country.

**Item Number**  
A 9-digit number assigned to an item of merchandise. This is the Walmart identification number for the items carried in the store and throughout the replenishment system.

**Lead Time (LT)**  
The number of days between order creation and the date the product is available to ship to stores.

**Less than Truckload (LTL)**  
A PO which is too small to be economically transported by itself on a truck, but rather is combined with other POs for transportation.

**Manifest**  
List of all materials included in a shipment, provided by seller.

**Master Case**  
Several cases being shipped in one package. These can be broken down into the individual cases and sent to stores.

**Master Pack**  
A case that contains more than one vendor pack or shipping unit inside it.

**Minimum/Maximum**  
The minimum constraint that must be met for a vendor to ship product. The maximum constraint legally fitting on a truck for the vendor to ship the truck.

**Must Arrive by Date (MABD)**  
The date by which a PO must be received at the warehouse. This is equal to the Must Deliver By Date.

**National Motor Freight Classification (NMFC)**  
A freight classification system designed to establish fair measures and standardize freight pricing. Shippers and carriers use these classifications when determining shipping rates.

**Out of Stock (DC)**  
When available inventory at the DC cannot support the pulls from the stores, the DC will show an out of stock condition to indicate the lack of inventory.

**Outside Storage**  
A facility, other than the main picking warehouse, used to hold merchandise.

**Overage**  
An amount of inventory stock that exceeds the inventory expected.

**Overflow**  
The process whereby a trailer to be shipped is filled before all of the merchandise has been loaded. The remaining merchandise is loaded on another trailer.

**Pallet**  
A movable platform used to stack cases or boxes. Also called a skid. There are two main types of pallet: stringer pallets and block pallets. Stringer pallets are the most commonly used with Walmart shipments.

**Pallet Pull**  
An item that is shipped to stores where the entire pallet is considered one case.
**Glossary**

**Pick Slot or Prime Slot**
The location in the DC from which product is selected for store orders.

**Planned Ship Date (used only with TAB POs)**
The ready date on the load that the Supplier can see on the CLT under the Planned Ship Date column. This date is only a suggestion for any load going directly to a Walmart DC.

**Product Displayed Quickly (PDQ)**
A corrugated display (pallet or tray) used to hold multiple pieces of merchandise for quick stocking and restocking of the sales floor. It may also contain a space for marketing descriptions and price impressions to aid in the customer’s understanding of the value of the product on display.

**Purchase Order (PO)**
A document issued by Walmart to Suppliers indicating the details of an approved purchase (product, quantity, size, color, etc.).

**Purchase Order (PO) Type**
A 2-digit code that describes the type of PO being written. This code makes up the third and fourth digits of the PO number.

**Purchase Order Validation Template (PVT)**
The PVT is an Excel document that will contain the following PO information: event code for the POs, PO number, item number, item description, replenishment contact, department number, DC number, case count the PO was written for, total number of POs for that event, totals for all PO case counts, and MABD for the event.

**Request for Routing (RFR)**
The system used to enter and track all Walmart and Sam’s Club POs as the associated shipments move through the warehouse distribution system to the final destination.

**Return Center**
A central collection point that processes defective merchandise returned from the stores, consolidates defective merchandise for return to the Suppliers, and issues credits to stores for returned goods.

**Return to Vendor**
Merchandise returned to vendor from the DC per instructions from the buyer or group managers. Usually returned due to overages, wrong items, or wrong warehouse pack, etc. These problems are identified at the time of receiving.

**Reusable Plastic Container (RPC)**
Multiple-use containers constructed of durable plastic. Used to protect goods as they move through the supply chain.

**Rotate Date**
For a frozen item, the rotate date is the date the product is received at the warehouse. For a perishable item, this is the sell by date of the item.

**Ship On Date**
The date that is specified by RFR at the time of PO entry. POs must be keyed into RFR in Walmart Retail Link by 4 p.m. CT and within 24 hours of receiving the PO.

**Shortage**
When less than the amount of freight noted on the freight bill arrives at the distribution center.

**Slot**
A rack where pallets of merchandise are stored in a DC. Each slot has a number associated with it.

**Solid Fiber**
Also referred to as “Paperboard”, is a thick paper based material. Solid Fiber is generally thicker than paper and can be single or multi- ply. Solid Fiber materials used for slip/tier sheets are designed to be stronger and more moisture resistant than corrugated packaging.

**Staple Stock**
Merchandise stocked in the warehouse on a regular basis (type 20 and 50 items).

**TAB**
Short for Tabular, meaning circular ad merchandise or freight. Product that is being shipped for a specific advertised event.

**TI/HI (also called Pallet Pattern)**
TI refers to the number of cases that make up a tier or layer on a pallet. HI refers to the number of tiers or layers on the pallet. A pallet holding five cases of an item on a layer, stacked four high has a TI/HI of 20.

**Traffic**
The Walmart department responsible for routing merchandise to the DCs. Also an area within the DC that processes inbound trailers.

**Trailer Manifest**
A document produced by the DC traffic department that shows what is on every trailer that enters the DC trailer lot.

**Unitized**
A method of bundling multiple case packs together to be moved as a single unit through any portion of the supply chain. Usually achieved via palletization or the use of slip sheets.

**Vendor Pack**
Original packaged quantity or merchandise as shipped from the vendor.

**Voluntary Inter-Industry Commerce Standard (VICS)**
An EDI and BOL standard primarily used by the retail industry. Walmart supports this standard.

**Zero-Based Mindset**
A zero-based mindset means starting from scratch and building up to what your costs should be, based on the outcomes you want. This is a modern alternative to the practice of examining past results and incrementally carving out costs.
Glossary

- **ASN**: Advanced Shipment Notice. EDI document sent by Supplier detailing quantities shipped on a PO prior to merchandise arrival.
- **DC**: Distribution Center. Short for Walmart’s Distribution Centers.
- **DSD**: Direct Store Delivery (aka DTS or Direct to Store). Supplier ships direct to the store location, bypassing Distribution Centers.
- **DSDC**: Direct Store Delivery Consolidation. Uniquely packed, store-specific cases cross-docked through the RDCs.
- **DSV**: Drop Ship Vendor. Suppliers ship directly to customer or site-to-store, bypassing the Walmart Distribution Centers.
- **GEM**: Global Enterprise Mailbox. Multipurpose tool for AS2 communication setup, mailbox maintenance, and document testing.
- **GNFR**: Goods Not For Resale. Items shipped to Walmart that are not meant for sale to customers, including signage, fixtures, etc.
- **GLN**: Global Location Number. A numerical value used to identify a specific location (Stores/DCs).
- **OMS**: Order Management System. A tool with various functionalities used to support order generation and maintenance.
- **PFS**: Pay From Scan. Product is shipped to Walmart and payment is made after the merchandise is sold at the stores.
- **POS**: Point of Sale Inventory. An inventory order originated by a Walmart store and sent to a Supplier for fulfillment. Replenishment uses Store level on hands and forecasted sales to generate an order for a store.
- **RDC**: Regional Distribution Center. Walmart has several RDCs which process freight in full pallet quantities, individual automation eligible and automation ineligible case quantities, and break pack quantities.
- **UOM**: Unit of Measurement. Defines how items are shown on orders as either single selling units or cases. Single selling units refers to the total number of selling units and cases refers to the total number of warehouse packs ordered by the stores.
- **WFS**: Walmart Fulfillment Services. Sellers ship product to Walmart for fulfillment when a customer places an order.
- **VMI**: Vendor Managed Inventory. An inventory order originated by a Supplier or other vendor to fulfill inventory in a Walmart store.
- **SRR**: Shortage Recovery Rate. A calculation that represents shortages of items that were sent on the ASN but were not physically present on the audit.
- **EDI**: Electronic Data Interchange. This is the electronic communication of information between businesses, i.e., Walmart and Suppliers.

**EDI Documentation:**
- **EDI 850**: Purchase Order. Used to place an order for goods or services. It generally provides the same information found on a paper Purchase Order (PO), including items, prices, quantities, and shipping details.
- **EDI 856**: Advance Ship Notice or Advanced Shipment Notification. Often abbreviated to ASN, this is an electronic notification of a pending delivery, similar to a packing list.
- **EDI 824**: ASN Errors. EDI document sent to detail errors from an ASN. This document is automatically generated and sent to DSDC Suppliers to inform them when their ASN is rejected.
- **EDI 997**: Functional Acknowledgment. This serves as a response, or electronic receipt, between EDI transactions. It’s an alert that tells the sender that the receiver has accepted the EDI data. When a Supplier sends Walmart an ASN, Walmart sends back an EDI 997 to acknowledge receipt of the document. This document also alerts Suppliers that their EDI 856 ASN was rejected and provides a reason for the rejection.
- **EDI 810**: Invoice. This is the electronic version of a paper invoice. It is sent in response to an EDI 850 Purchase Order as a request for payment once the goods have shipped or services are provided.
- **EDI 864**: Text Message. This is a text message sent to detail errors on the EDI 810.