

# Required Package Testing, cont...

## GM Home: Private and Exclusive Brands

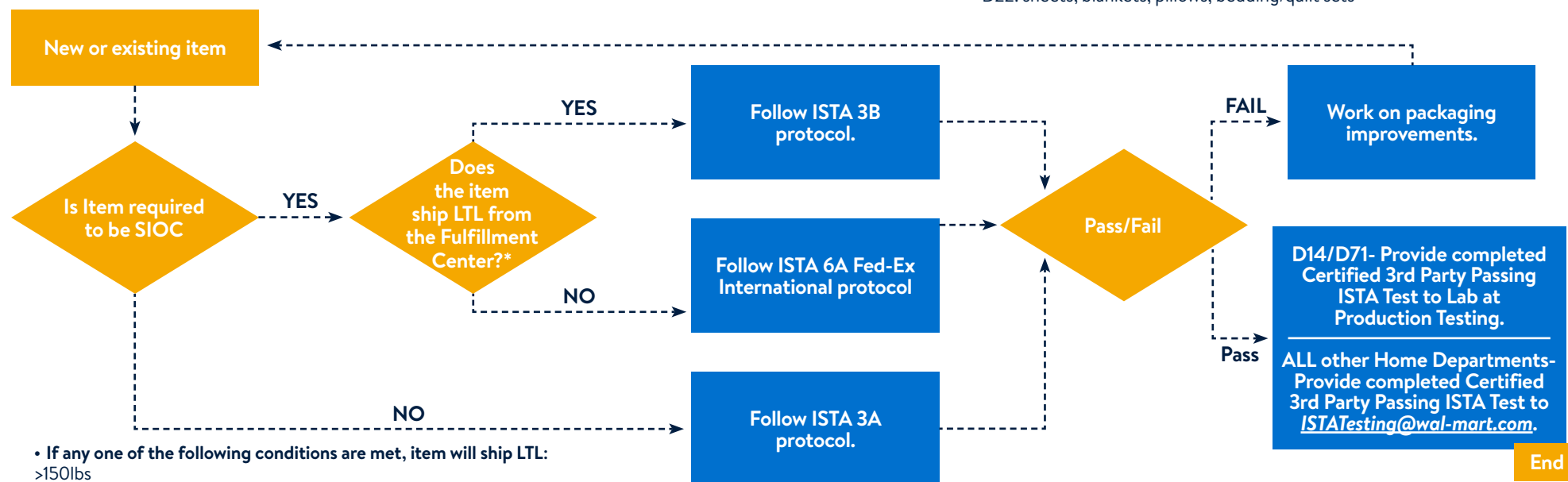
If any of the following conditions are met, your product is considered Ships in Own Container "SIOC" and is **required** to ship in its own case:

- Any item shipped into Walmart as a 1/1 item
- Any item whose sellable unit is in a shippable container
- 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

■ **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

## Walmart Home Private Brands Transit Testing – Flow Chart



• 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.

Labeling > Walmart Package Standards/Transit Testing.

**NOTE** - Certified ISTA Tests will be collect for D14/D71 during Production Testing.  
 If the proper ISTA testing is not complete, the item will **fail** product 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](mailto: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



# Required Package Testing, cont...

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

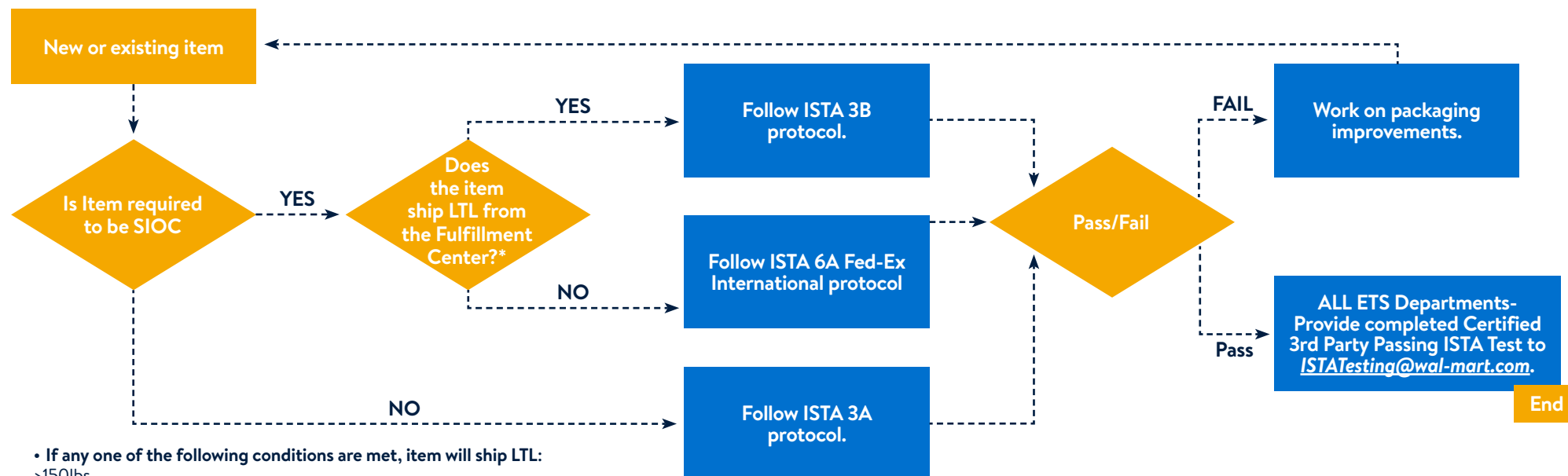
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- The smallest side of case is greater than 14" in length OR
- The case weighs more than 30 pounds OR
- Volume is greater than 3.25 cubic feet

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

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

## Walmart ETS Private Brands Transit Testing – Flow Chart



• 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.

■ **NOTE** - ISTA testing once completed should be sent to [ISTATesting@wal-mart.com](mailto:ISTATesting@wal-mart.com).

■ **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](mailto: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

# 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 item whose sellable unit is in a shippable container
- 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

**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](mailto:ISTATesting@wal-mart.com).

**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](mailto:ISTATesting@wal-mart.com).

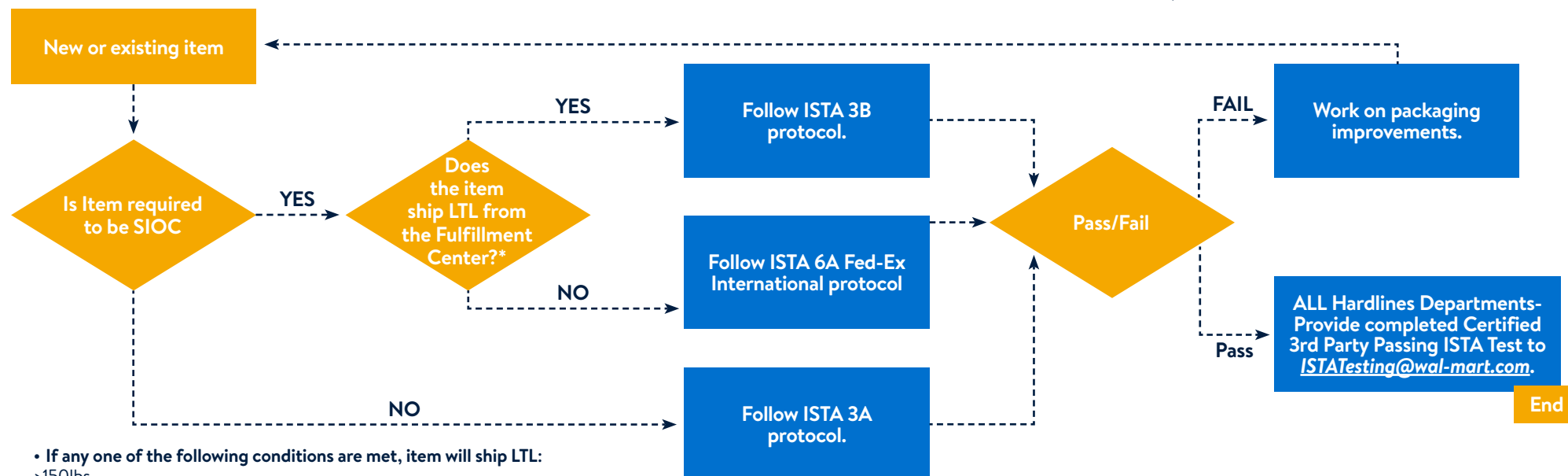
Walmart may request a retest for items with rates above department average.

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

## Walmart Hardlines Private Brands Transit Testing – Flow Chart



• 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...

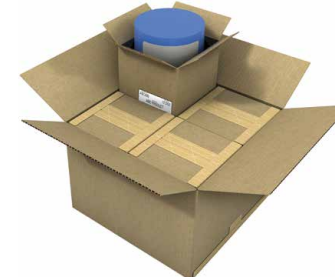
## Case Pack Definitions for ISTA Testing



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 vendor 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 unitized load.

## Case Pack Test Requirement

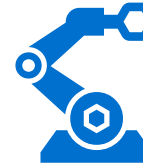
- A – **Required** ISTA test to be performed on the Shipping Carton.
- B – **Required** ISTA test to be performed on the Warehouse Pack (not the shipping carton)
- C – **Required** ISTA test to be performed on the Warehouse Pack (not the shipping carton - warehouse pack is the SIOC package)
- D – **Required** 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



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

# Receiving Quality



Pallet Load Characteristics	Automation Eligible	Not Acceptable
Cases are stacked, stable, and free of damage	✓	
Overall pallet + freight height less than 96"	✓	
Pallet meets minimum quality standards	✓	
Layers leaning or tipped more than 0.5" from base of pallet		✓
Same item stacked on pallet in different height orientations		✓
Cases fall or become unstable when wrap removed		✓
Layers stuck/glued together		✓
Tier sheets stuck/glued between layers		✓
Slip sheets stuck/glued to bottom layer		✓
Missing/unreadable packaging barcodes		✓
Cases Overhang from Pallet Dimensions		✓
Cases Underhang from Pallet Dimensions greater than 7.5" (3.75" each side)		✓
Single pallet layer exceeds 500 lbs total in weight		✓



# 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 bottles/jars used for food & consumables, are **required** to withstand a 3-foot drop test.

## Automation Eligible Warehouse Packs

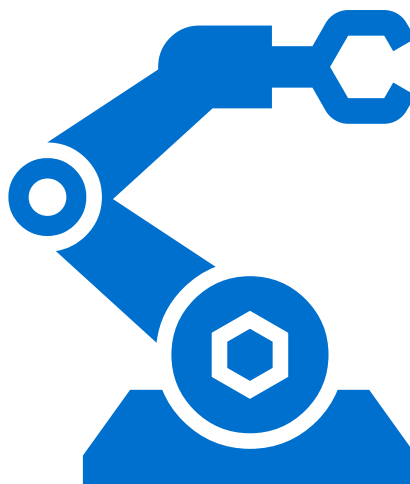
### (Inner Packs)

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](mailto: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

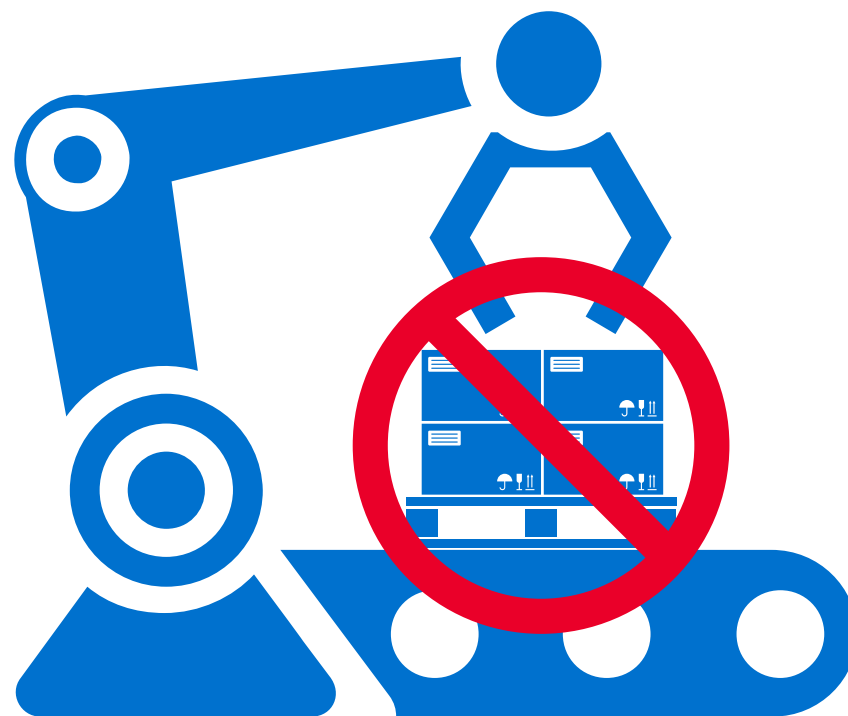
Straps or bands for vendor packs must be tight on the case. Loose bands may damage to conveyors and automation systems. Metal banding is **NOT ALLOWED**. Banding together multiple vendor pack cases is **NOT ALLOWED**.

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](mailto: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.**