

**A. GS1-128 Labeling**

**1. Ace Hardware GS1-128 Requirements**

- a. For all palletized loads, Ace requires tare/pallet level GS1-128 labels. One unique GS1-128 label must be applied to each pallet on two adjacent sides whether it represents a single SKU or mixed SKU pallet. For palletized loads, Ace does not require GS1-128 labeling for each carton and actually would strongly prefer to only have the pallet labels.
- b. For all small parcel shipments (i.e., UPS, FedEx), Ace requires pack/carton level GS1-128 labels. One unique GS1-128 label must be applied to each carton.
- c. For floor loaded shipments, please reach out to Ace’s Supply Chain team to discuss labelling requirements as these types of loads will be handled on a case-by-case basis.
- d. Only shipments to Ace’s RSCs/warehouses require GS1-128 labeling. Shipments direct to our retailers do not require such labeling.
- e. The GS1-128 labels do not replace the current pallet placards that Ace requires to identify the SKUs and quantities included on each pallet. Shipments missing the pallet placards will be subject to noncompliance fines.
- f. When shipping backorders for two purchase orders on the same pallet, two separate and unique GS1-128 labels are required (both placed on two adjacent sides). They should be placed on the pallet in a way that clearly identifies what items belong to that purchase order / GS1-128 label, so Ace’s Receiver can easily identify the multiple purchase orders contained on the pallet. The PO’s must be physically segregated on the pallet, preferably with slip sheets.

**2. Ace Hardware GS1-128 Shipping Label Specifications**

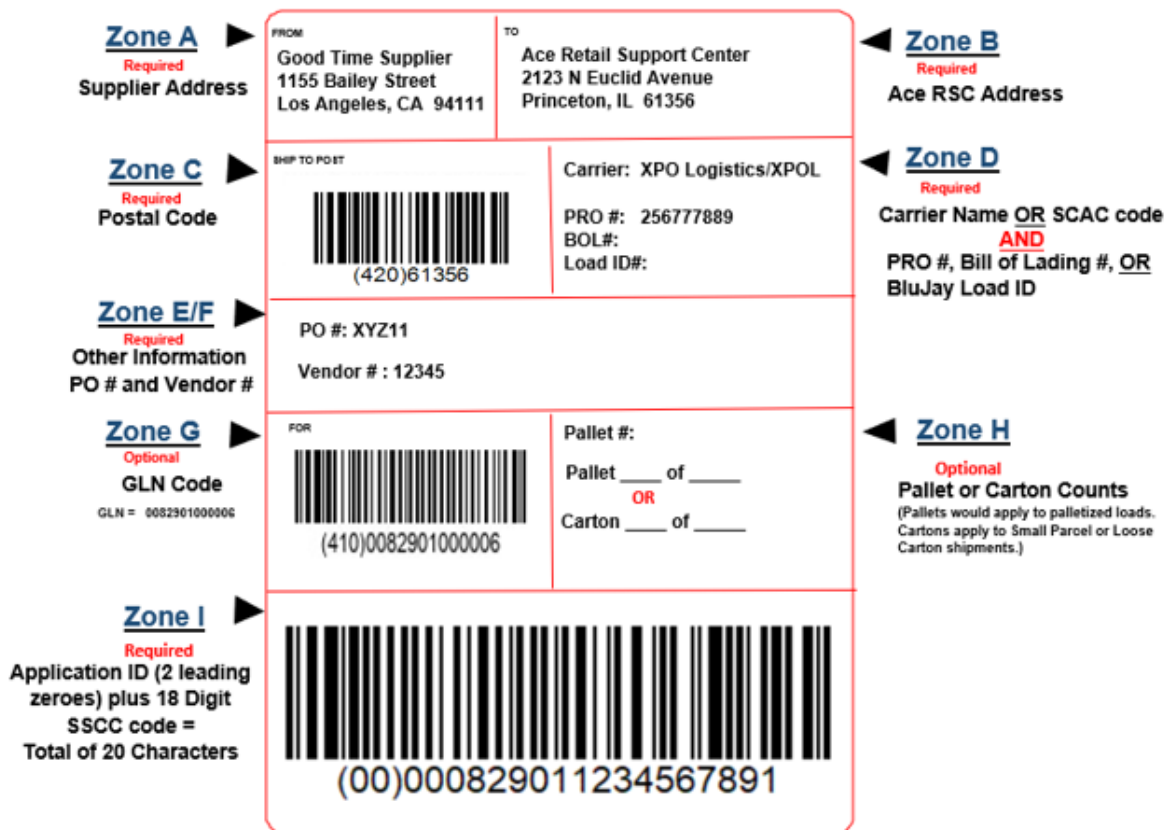


ILLUSTRATION ONLY – Size Not to Specifications  
Label stock is 4” x 6”

Note: The zone width and height on the GS1-128 label may vary depending on the Information required.

### 3. Breakdown of GS1-128 SSCC Bar Codes

- a. The GS1-128 SSCC codes must be comprised of 2 leading zeroes (application ID), followed by an extension digit, followed by your GS1 Company Prefix, followed by a unique sequential # and ending with a valid check digit for a total of 20 characters. (Note: the GS1 Company prefix for each company may vary in length.)
- b. The GS1 Company Prefix embedded in your GS1-128 SSCC codes must be a valid and registered GS1 Company Prefix licensed and associated for use by your Company.

#### SSCC-18 Barcodes

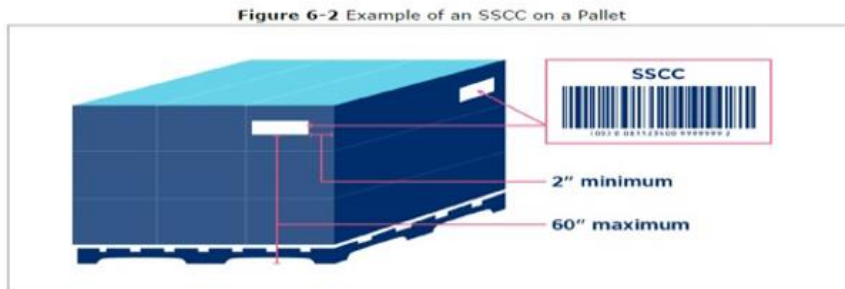


Additional information regarding GS1-128 Serial Shipping Container Codes (SSCC) can be found on the GS1 website using this link:

[https://www.gs1us.org/DesktopModules/Bring2mind/DMX/Download.aspx?Command=Core\\_Download&EntryId=177](https://www.gs1us.org/DesktopModules/Bring2mind/DMX/Download.aspx?Command=Core_Download&EntryId=177)

- c. The GS1-128 SSCC-18 bar code must be formatted as follows:
  - 1) A leading quiet zone
  - 2) A start character subset C
  - 3) A function 1 character (FNC1)
  - 4) The date (Application Identifier + data field)
  - 5) A symbol check character – Mod-10
  - 6) A stop character
  - 7) A trailing quiet zone

### 4. GS1-128 Label Placement



Each pallet must have a unique GS1-128 label placed on two adjacent sides of the pallet. This is especially helpful when the pallet is turned sideways in the truck or on the rack in the warehouse.

The GS1-128 label should appear on the upper right half side of the pallet. Labels with barcodes should appear on the side of the pallet, 16-32 inches from the base of the pallet and at least 2 inches from vertical edge.

**Note:** The GS1-128 Label placement should not cover up or replace the carton (GTIN-14) bar code label requirement.

## B. GTIN-14 Carton Labelling

### 1. GTIN-14 Carton Label General Overview and Requirements

- The GTIN-14 represents a product packaging identifier.
- These labels are a mandatory requirement for each carton shipped.
- The manufacturer # and carton quantity are required to be printed on the label or elsewhere on the carton. The product description is optional.
- The GTIN-14 Carton label is **not** a substitute for the GS1-128 Serial Shipping Container Code [SSCC-18] requirements outlined above.
- A typical GTIN-14 Carton label is 2" x 6" but for smaller boxes this can be adjusted.

### 2. GTIN-14 Bar Code Label example:



GTIN Carton bar code should be interleaved 2 of 5 bar code symbols w/ top and bottom bearer bars.

### 3. GTIN-14 Carton Label Placement

- This label should be placed on 2 adjacent sides of the carton at the lower righthand corner
- It should be placed in the lower righthand corner of the carton and 1/8" to 1/4" from the vertical edges.



## C. Supply Chain Team Contacts

Supply Chain Team Contacts		
Topic	Name and Title	E-Mail
Load Quality	Ace Supply Chain Compliance Mailbox	<a href="mailto:AceSupplyChainCompliance@acehardware.com">AceSupplyChainCompliance@acehardware.com</a>
GS1-128 Labels & ASN Data	GS1-128 Mailbox	<a href="mailto:GS1128Compliance@acehardware.com">GS1128Compliance@acehardware.com</a>
Bar Codes and Product Dimensions	Barcodes Mailbox	<a href="mailto:Barcodes@acehardware.com">Barcodes@acehardware.com</a>