

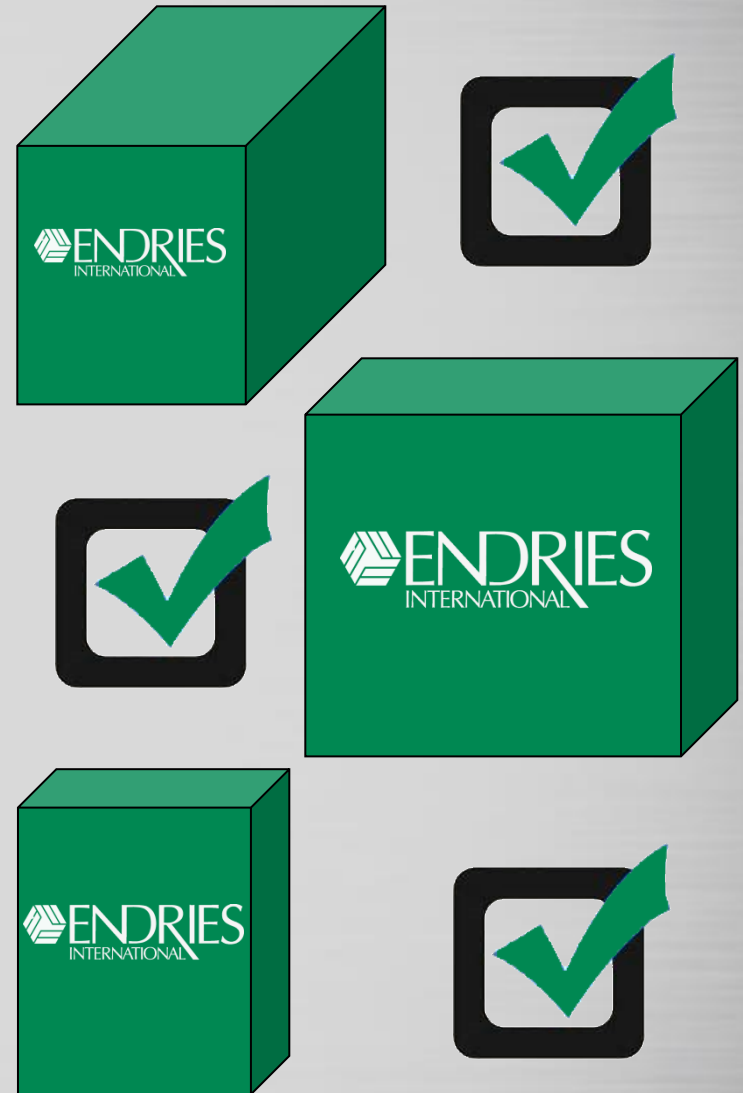


# Packaging Requirement Instructions



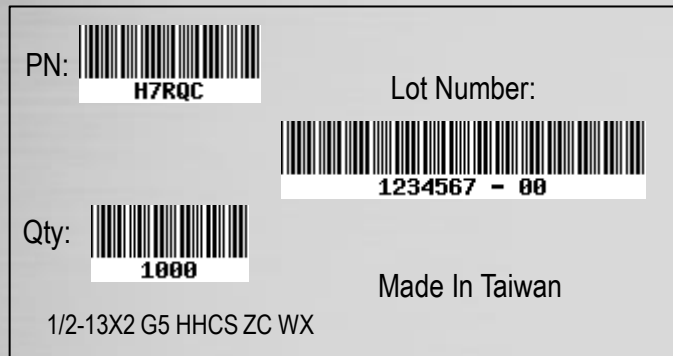
# Carton Dimension & Strength

- Dimension of carton depends on how suppliers make the ultimate package. Recommended 405 cubic inches (6.6 liters) for most threaded products.
- Suppliers package by cartons with Endries logo.
- No carton can be heavier than **15.91 kg (35 lbs) max**
- Single wall corrugated carton is acceptable.
- Carton edge crush strength (ECT) for stacking must be **29 ECT min.**
- 29 ECT provides a burst strength of **79 kg (175 lbs) min.**



# Label Dimension

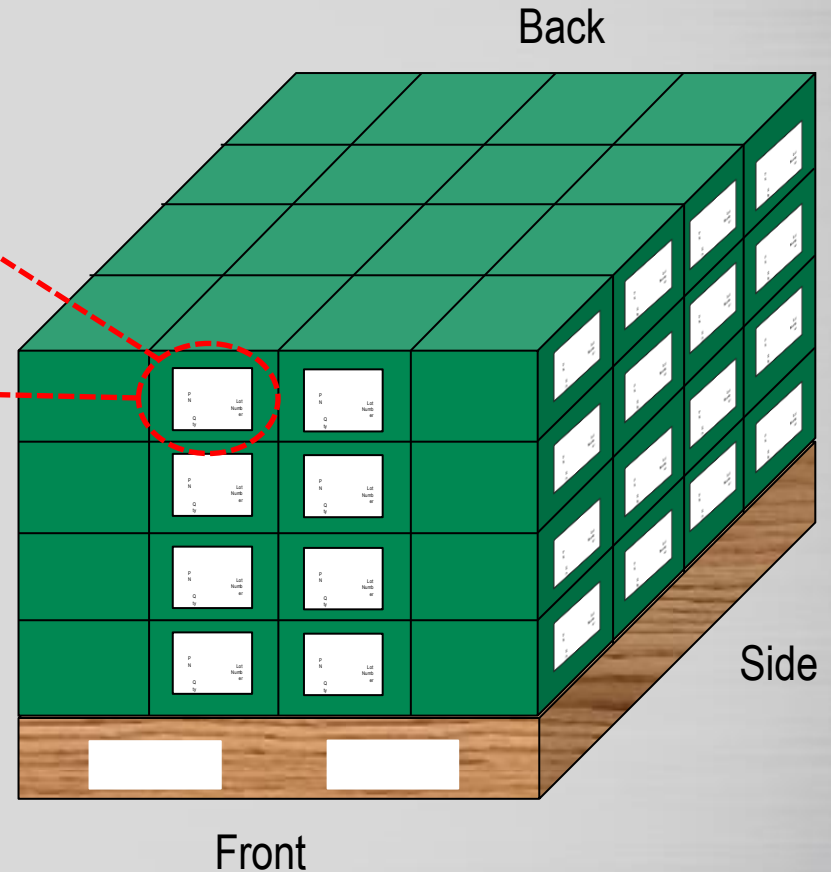
- Part number / product is stacked on each other vs layered across pallet.
- All labels face out
- Center carton labels face the sides.



Max: 4"  
Min: 2"

Max: 6"  
Min: 4"

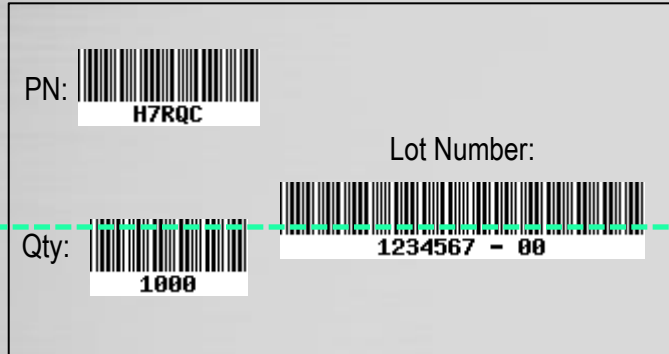
- Endries requires that label has to meet length and width limit.
- And, **3 of 9** is the only permitted symbology for barcode.
- Sample label to be submitted for Endries approval



# Unacceptable Label

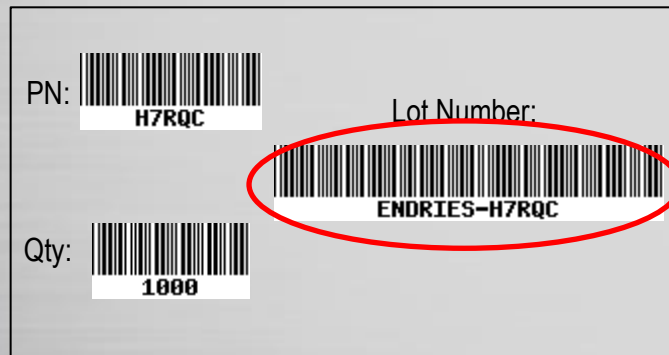
Following labels tell bad demonstrations leading to failure receiving:

A. It causes error when 2 barcodes are scanned in one time.



B. Lot number which can not be traceable is prohibited.

For example: Below Lot number will never change in any case. It is not allowed.

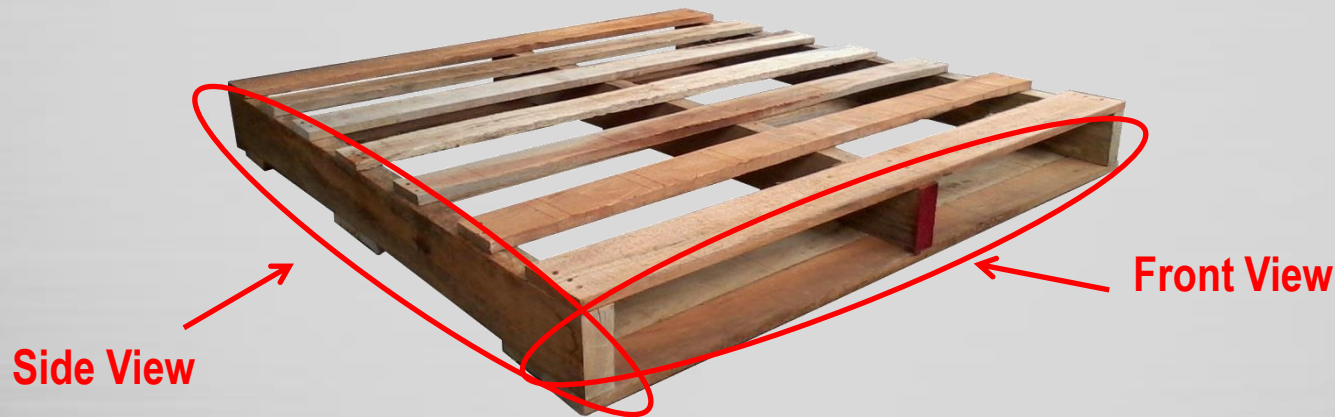


# Pallet Specification

## An accepted pallet should be:

- Free from splint
- Free from Mold
- Free from Moisture
- Free from any kind of seeds or spawns
- Free from dirt patch
- Free from cracks
- Not buckling
- Heat Treated or fumigated to IPPC Standards

**Endries requires two way pallets.**



# Unacceptable Pallet

- Dirt Patch / Mold are not accepted



**Mold**



**Dirty**

**Sawdust**



# Unacceptable Pallet

- Any kind of Seed or Spawn is not accepted



# Unacceptable Pallet

- Splint is not accepted





# Unacceptable Pallet

- Rupture / Crack are not accepted



# Suggested Packing Process

- At first: Please purchase cap and corner bars with pallet supplier.
- Second Option: Supplier can make them by self if it is cost-effective.

*Note: Endries understands that nails are needed in making caps and bars.*



# Suggested Packing Process

1. Cartons are loaded to pallet as Endries' requirement.



***Tip:*** Leave space for corner bars.



# Suggested Packing Process

## 2. Cap and corner bars are settled after loading cartons



*Tip: Please confirm dimension before tightening up.*

# Suggested Packing Process

## 3. Pallet is tightened up

- Nylon banding is preferred instead of metal
  - Environmentally conscious
  - Metal is harder to handle and dispose of



Tightening up



Corner bars are settled during process.



# Suggested Packing Process

## 4. Pallet is tightened up

- Before completely tightening, operator can adjust corner bar with hammer
- No nail is used in this step



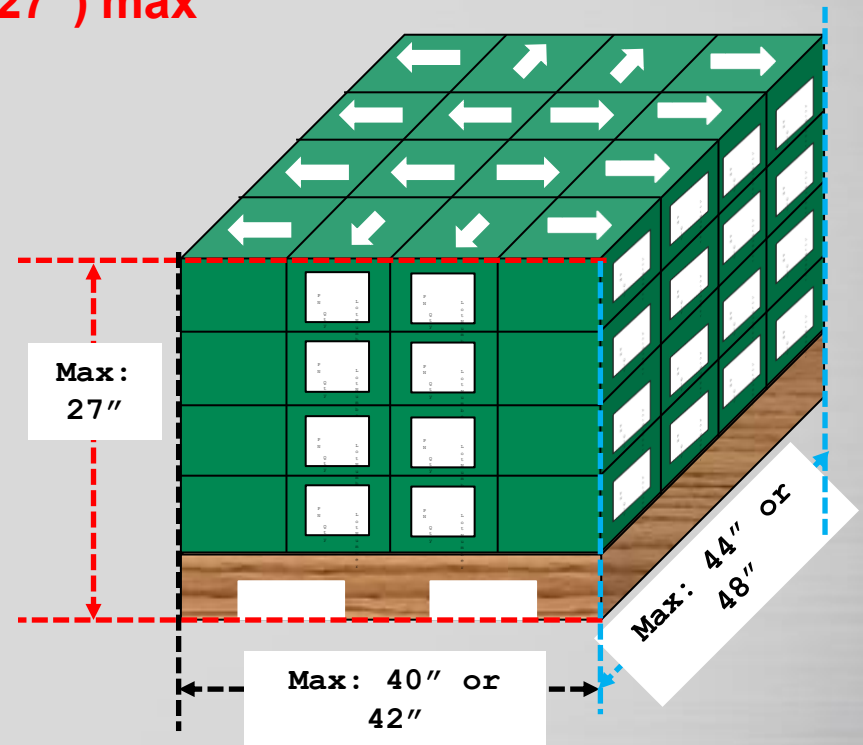
# Suggested Packing Process

## 5. Encapsulating



# Acceptable Packed Pallet

- Bulk pallet is accepted
- Encapsulation is needed for bulk pallet that corner bars and caps can not be applied to
- Weight limit on each carton and Pallet dimension are still valid to bulk pallet
- No pallet can be heavier than **1133 kg(2500 lbs) max**
- No pallet can be taller than **68.58 cm(27") max**





# Acceptable Pallet Examples



12 1/2"

9"

12 1/2"



3 1/2"



17 3/4"

17 3/4"

# Unacceptable Packed Pallet



- Carton edge strength must withstand stacking
- Weak carton edges cause people injury. Outside stacks of cartons or top cartons can fall off pallet in storage.

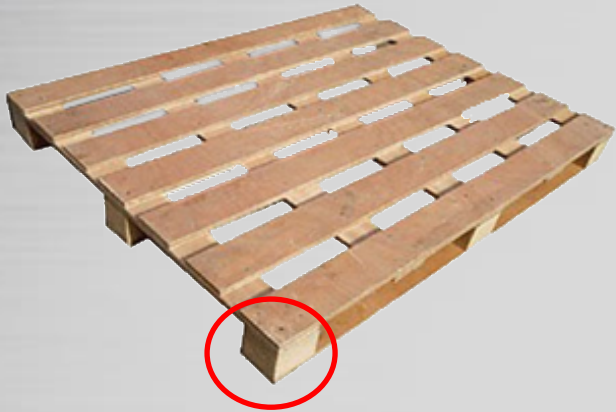


# Unacceptable Pallet

- Some products require crates such as pulleys
- Supplier PO to state “Contact Endries for crate construction and dimensions”
- This is allowed only in special cases and with prior approval



# Unacceptable Pallet



- No block style pallets allowed.
- No nail is used during packing. It would cause people injury.
- No extra metal banding on corners



After Uncrating

