

DATE ISSUED  
02/23/99

## Production Control Supplier Manual

DATE REVISED  
06/17/2003  
07:05:20 AM

Control Number

PKG-005

### POLICIES AND GUIDELINES

LEVEL/SECTION

## PACKAGING

TITLE

## RETURNABLE PACKAGING REQUIREMENTS

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### PURPOSE

To define DMMI's returnable packaging requirements.

### STANDARDS

DMMI's goal is to minimize the amount of packaging in the system by:

- Minimizing inventories at DMMI and the supplier.
- Maximizing turns.

#### A. Container Requirements

- Containers must be designed for manual handling.
- Minimum of two cardholders per container.
  - Cardholders must be 8.75" x 4.25".
  - Molded polypropylene cardholders or open-top vinyl holders are acceptable.
  - Side-load cardholders are prohibited.
- Straight wall, stack only totes preferred.
- Containers must cube 48" x 45" pallet, specialty totes must be approved by DMMI.
- Use of lids is prohibited.
- Target weight of one full container is 25 lbs.
- Container weight cannot exceed 35 lbs. when full.
- Container quantity can not exceed \*a multiple of 24.
- Part orientation in tote should be simple and consistent. Avoid excessive reach.
- Supplier-owned containers must be marked with supplier name and plant location.

#### B. \* DMMI Approved Container Sizes

##### Small components

Levers, clips, etc

##### Large components

Cases, long parts, etc.

Tote Size

Pkg Code

Tote Size

Pkg Code

12 x 15 x 4	LS9L	32 x 15 x 7	7H	LS7H or GT7H
12 x 15 x 7	LS7L	32 x 15 x 14	4H	LS4H or GT4H
24 x 15 x 4	LS9D	32 x 15 x 20	3H	GT3H
24 x 15 x 7	LS7D	32 x 15 x 22	2H	GT2H
24 x 15 x 11	LS5D	45 x 16 x 14	4I	GT4I
24 x 15 x 14	LS4D or GT4D	45 x 16 x 20	3I	GT3I
		45 x 24 x 14	4K	GT4K

#### C. Dunnage Requirements

- Returnable material should be used.
- Material must be recyclable.
- Individual parts cannot be bagged or wrapped.
- Multiple layers of dunnage in a container is prohibited.

#### D. Pallet Requirements

- Pallets must be returnable.
- Must be AIAG standard 48" x 45", with standard fork openings.
- Must be four-way-entry.
- Vac-tray style pallets must be designed to support the weight of the product.
- Recycled content must not exceed 50%, unless certified regrind is used.
- Pallet lids cannot exceed 35 lbs. unless approved by DMMI.
- Supplier-owned pallets must be marked with supplier name and plant location.

\* denotes change in procedure