

FED. SUPPLY CLASS

PACK

1.0 SCOPE

1.1 PURPOSE

This Standard establishes and defines the general requirements for packaging of commodities for domestic shipment and storage for a minimum of 90 days from time of receipt.

1.2 USE

This Standard shall be used when specified on procurement documents, part design specifications, drawings or other packaging standards or specifications.

2.0 REFERENCES (Latest Issue)

2.1 Interstate Commerce Commission Regulations, Department of Transportation Regulations, Uniform Freight Classification, Air Transport Restricted Articles Tariff/Circular No. 6-D, National Motor Freight Classification, Postal Regulations, and other applicable domestic and foreign regulatory and carrier requirements.

2.2 NAS852, *Quality Assurance, General Guidance*

3.0 REQUIREMENTS

3.1 General

3.1.1 Each package shall provide adequate physical, chemical and cleanliness protection for the item.

3.1.2 The packaging furnished shall meet or exceed those requirements specified herein.

3.1.3 Each container shall be of minimum weight and cube, consistent with standard economical designs, sizes and materials. Gross weight and dimensions of each style and size container shall not exceed its design specification.

3.1.4 Each unit, intermediate and shipping container and closure shall permit safe removal and replacement of the contents without functional damage to the protective system or container.

3.1.5 Packaging materials, procedures and workmanship shall be of good commercial quality and practice. Materials shall not cause commodity deterioration.

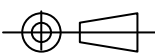
3.1.6 Any document referenced under notes of a packaging standard is to be used as a guide or aid in selecting methods, materials and designs.

3.1.7 If the total purchase order quantity does not lend itself to the quantity called out for the unit or intermediate package, the odd quantity shall be packaged and marked separately.

3.1.8 Natural and/or synthetic rubber items shall be enclosed in opaque material.

3.1.9 Packaging and packing for shipment must satisfy applicable carrier regulations.

THIRD
ANGLE
PROJECTION



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7

PROCUREMENT
SPECIFICATION

TITLE

CLASSIFICATION
PACKAGING STANDARD

NONE

GENERAL PACKAGING STANDARD



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- 3.1.10 Items to be mounted on a skid shall be attached only to the skid. Cover, if any, (top and four sides) shall be demountable. Blocks shall position the cover and prevent lateral movement relative to the skid, and the cover shall be secured by means other than nailing. If required, instructions for removal of the item shall be printed on or affixed to the container.
- 3.1.11 Removable projecting parts of an item which greatly increase its overall cube shall be removed for shipment provided re-assembly can be accomplished without the use of special tools. Re-assembly instructions shall be enclosed in the package. Disassembled parts which are not interchangeable shall be match marked to facilitate re-assembly. All disassembled parts shall be placed in the same shipping container as the assembly from which they were removed, if possible.
- 3.1.12 Sketches on detail standards illustrate some acceptable methods and are not to be construed as restricting choice of packaging which otherwise satisfies the requirements of the standard.
- 3.1.13 Aluminum foil in packaging material shall not contact metals other than cadmium, magnesium, aluminum or zinc in applications which may be exposed to water, including water vapor and condensate.
- 3.1.14 NAS853 shall be used where protection from field forces (electrostatic, electromagnetic, magnetic, and radioactivity) is required.

3.2 Unit Packaging

- 3.2.1 Items enclosed in unit packages shall be clean and free of foreign matter.
- 3.2.2 Cleaning, drying and preservation shall be performed by any thorough process without damage to the item and shall prevent its corrosion for a minimum of 90 days indoor storage. Selection of appropriate preservation materials shall be based upon their ease of removal and compatibility with the item. When feasible, the operating lubricant shall be the preferred preservative.
- 3.2.3 Unless otherwise specified in the purchase order, the quantity per unit pack will be consistent with the unit of measure published in the supplies sales catalog. In cases where unit of measure has not been previously established, consideration will be given to the weight, size, density and fragility of the item in establishing unit pack quantities.
- 3.2.4 Accessory hardware shall be assembled to the item when practicable, or secured within or to the unit package.
- 3.2.5 Items with sharp points or protrusions shall be adequately padded or wrapped to prevent damage to containers. Where practical, transparent material shall be used for both wrapping and cushioning.
- 3.2.6 Unit closure shall be effected to prevent accidental opening during shipment and storage.

3.3 Intermediate Packaging

- 3.3.1 Unit packs may be intermediate packaged when economical or additional protection is required.

3.4 Packing

- 3.4.1 Any number of unit or intermediate packages shall be loaded uniformly into each shipping container.
- 3.4.2 Shipping containers as packed shall protect each item and package during ordinary handling and shipping and shall meet the minimum packaging requirements of the common carriers (if so shipped) for acceptance at the lowest rate to the point of delivery.
- 3.4.3 Unit or intermediate containers which meet the requirements of Paragraph 3.4.2 may be used as shipping containers.

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