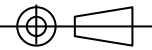


FED. SUPPLY CLASS

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THIRD ANGLE PROJECTION 	CUSTODIAN ENGINEERING MANAGEMENT COMMITTEE	REVISION 2
PROCUREMENT SPECIFICATION NONE	TITLE INDUSTRIAL PACKAGING STANDARD	CLASSIFICATION PART STANDARD NAS855 SHEET 1 OF 7

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA, INC., 1725 DE SALES STREET, N.W., WASHINGTON, D. C. 20036

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1.0 SCOPE

This standard specifies the requirements for the preparation of material for delivery within a defined distribution cycle. Procedures and packaging material selected must meet the performance requirements as outlined herein. The supplier has the responsibility to assure the integrity of the package throughout its defined distribution cycle.

2.0 DEFINITIONS AND APPLICATIONS

2.1 Definitions:

Industrial Packaging: The material and methods used by the supplier that meet the requirements of the distribution systems serving both Department of Defense and industrial consumers.

Defined distribution cycle: The distribution method that specifies the logistics of the procured item.

Level of pack A: Maximum protection--preservation or packing required for protection of material against the most severe conditions known or anticipated to be encountered during shipment, handling and storage. Consideration is given to conditions such as multiple handling, special handling and environmental exposure.

Level of pack B: Intermediate protection--preservation or packing required for protection of material under known favorable conditions during shipment, handling and storage. Consideration is given to conditions such as multiple handling, mode of transportation and favorable warehouse environment for an extended period of time.

Level of pack C: Minimum protection--preservation and packing designed to protect material against physical damage and deterioration during favorable conditions of shipment, limited handling and short term storage.

3.0 REQUIREMENTS

3.1 General

3.1.1 Packaging materials, procedures and workmanship will be of good industrial quality and practice. Materials used shall not cause part deterioration. Contract terminology may exclude specific types of packaging materials.

3.1.2 Maximum reuse will be made of packaging materials and containers to the extent that such reuse is effective.

3.2 Quantity unit pack

Determination of the quantity of items to be included in a unit package will be based on the criteria as indicated in the following paragraphs.

3.2.1 Unless otherwise specified the quantity per unit package will be determined based upon known logistics requirements including considerations as to items characteristics, configuration, size, weight, value, criticality and packaging economics.

3.2.2 Quantity of items being procured relative to the logistics of the item.

3.2.3 Economical quantity for packaging utilizing automated packaging equipment.

3.2.4 Multiple packs containing hardware (nuts, bolts, screws, etc.) should not exceed twenty (20) pounds.

3.2.5 Items not meeting the above criteria will be packaged one (1) each per unit package.

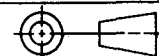
LIST OF CURRENT SHEETS

NO.	REV	NO.	REV
1	1	4	1
2	1	5	1
3	1	6	1

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CUSTODIAN MANUFACTURING COMMITTEE

THIRD
ANGLE
PROJECTION



PROCUREMENT SPECIFICATION

TITLE

CLASSIFICATION
PACKAGING STANDARD

NONE

INDUSTRIAL PACKAGING STANDARD

NAS 855 Documents

SHEET 1 OF 6

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APPROVAL DATE 30 OCT 1981 REVISION ① 6 NOV. 1987

3.3 Cleaning and preservation

3.3.1 Cleaning

Any method of cleaning may be used that will not harm the item through the chemical or physical process of the cleaning operation.

3.3.1.2 Determination of cleanliness

Parts must be:

- Free of any foreign substance that may cause deterioration to the item.
- Cleaned of any material that will reduce the effectiveness of the preservative compound used.

3.3.2 Preservation

3.3.2.1 Items susceptible to corrosion or deterioration will be provided protection (such as preservative coatings, volatile corrosion inhibitors, or desiccated packs).

3.3.2.2 The corrosion protection selected must:

- Not damage the mechanism, structure or function of the item by either application, removal, or use.
- Provide protection for the item throughout its distribution cycle.
- Not have a reaction with the item.

3.4 Wrapping

3.4.1 Wrapping is the application of a sheet of flexible material around the item or package to prevent contamination. A wrap will be applied to provide protection for critical surfaces, preserved items and for protection of barrier material from rupture by sharp edges or projections.

3.4.2 Wrapping material may be opaque or transparent, and may possess other characteristics such as a volatile corrosion inhibitor, greaseproof, heat sealability etc.

3.4.3 Wrapping will be non-toxic and will not cause deterioration, contamination or damage to item(s) it contains. It will be of a size sufficient to completely enclose the item(s) and secured in place. When required, wrapping material will be of a type that will provide protection against field forces, such as electrostatic and electromagnetic.

3.5 Cushioning, blocking and bracing

3.5.1 Cushioning, blocking or bracing will be used as required to protect the item from physical and mechanical damage during its distribution cycle.

3.5.2 The cushioning will provide for the following functional requirements:

3.5.2.1 Protect the item from shock, vibration and abrasion.

3.5.2.2 Control the free movement of the item within the container.

3.5.2.3 Convert irregular shaped items to a configuration which will support the container.

3.5.2.4 Protect barriers and containers from ruptures by sharp edges or projections.

3.6 Containers

3.6.1 Selection criteria

3.6.1.1 Containers will be of minimum weight, cube and designed, when possible, using readily available materials and sizes to provide the most economical fabrication costs.

3.6.1.2 Unit, intermediate and shipping containers will be constructed to allow for safe removal of the item.

3.6.1.3 The selection of standard unit, intermediate and shipping containers will depend primarily on the item configuration and the protection required to adequately protect the item during handling, shipment and storage.

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