

[METRIC]

A-A-1247B

~~September 29, 1922~~

SUPERSEDING

A-A-1247A

April 4, 1985

COMMERCIAL ITEM DESCRIPTION

BAG, CELLOPHANE

The General Services Administration has authorized the use of this Commercial Item Description.

This description covers cellophane bags intended for use in packaging applications.

Classification. Bags shall be of the following styles, sizes, and grades, as specified (see Section 6):

- Style 1 - Flat bags
- Style 2 - Square (gusseted) bags

- Size A - 127 x 89 mm (5 x 3-1/2 inches)
- Size B - 152 x 102 mm (6 x 4 inches)
- Size C - 203 x 152 mm (8 x 6 inches)
- Size D - 254 x 89 x 57 mm (10 x 3-1/2 x 2-1/4 inches)
- Size E - 298 x 127 x 70 mm (11-3/4 x 5 x 2-3/4 inches)
- Size F - 330 x 152 x 89 mm (13 x 6 x 3-1/2 inches)

- Grade 1 - Low water vapor permeability
- Grade 2 - Intermediate water vapor permeability

DISTRIBUTION STATEMENT A: Approved for public release; distribution is unlimited.

FSC 3105

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1. SALIENT CHARACTERISTICS:

A) Construction. The bags furnished under this description shall be fabricated from regenerated cellulose, coated on both sides with a heat sealable resin. The resin coated cellophane shall meet the requirements of the Federal Food, Drug and Cosmetic Act for use in direct contact with food. Bag seals shall pass the Heat Sealed Seam test specified below. Grade 1 bags shall have a water vapor transmission rate of not more than $15.5 \text{ g/m}^2/\text{day}$ @ 37° C and 90% relative humidity when tested as specified by ASTM E 96 or ASTM F 1249. Grade 2 bags shall have a water vapor transmission rate of not less than $155 \text{ g/m}^2/\text{day}$ @ 37° C and 90% relative humidity when tested as specified by ASTM E 96 or ASTM F 1249. Bags shall be furnished in the style specified.

B) Dimensions. Dimensions shall be the outside dimensions of fully extended bags, expressed as overall height x face width for Style 1 bags, or as overall height x face width x gusset width for Style 2 bags. Sizes shall be as specified, $\pm 3 \text{ mm}$ ($\pm 1/8 \text{ inch}$).

C) Workmanship. The bags shall be uniformly made, free from pinholes, tears, cuts, creases, dirt, extraneous matter, wrinkles, or other defects which may impair their serviceability or appearance.

2. QUALITY ASSURANCE:

A) Responsibility for Inspection. Unless otherwise specified in the contract, the contractor is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract, the contractor may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the Commercial Item Description where such inspections are deemed necessary to assure that supplies and services conform to prescribed requirements.

B) Sampling. Bags and shipping containers shall be sampled in accordance with MIL-STD-105, as indicated below, for the cited examinations and tests.

C) Examination of the bags for Construction and Workmanship. The lot size shall be expressed in units of bags. The sample unit shall be 1 bag. The Inspection Level shall be S-2, the AQL shall be 4.0 percent defective.

D) Examination of the bags for Dimensions. The lot size shall be expressed in units of bags. The sample unit shall be 1 bag. The Inspection Level shall be S-2, the AQL shall be 4.0 percent defective.

E) Testing of the bags. The lot size shall be expressed in units of bags. The sample unit shall be 4 bags. The Inspection Level shall be S-1, the AQL shall be 2.5 percent defective.

(1) Heat Sealed Seam Test. One bag from each sample unit shall be tested for seam strength in accordance with Method 2024 of FED-STD-101, except that 1 specimen shall be cut from the middle of the seam and tested using a test weight of 100 ± 10 g. The seam shall not rupture or delaminate.

(2) Water Vapor Transmission Rate. Each sample unit shall be tested for water vapor transmission rate as specified by ASTM E 96 or ASTM F 1249 at 37° C and 90% relative humidity. Three specimens per sample unit shall be tested.

E) Examination of Packaging, Packing, Marking and Palletization. The lot size shall be expressed in units of issue for Packaging, Packing, and Marking; and in pallets for Palletization. The sample unit shall be 1 fully prepared shipping container or 1 fully prepared pallet, as applicable. The Inspection Level shall be S-2, the AQL shall be 4.0 percent defective.

3. REGULATORY REQUIREMENTS:

The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

4. PACKAGING, PACKING, MARKING, AND PALLETIZATION:

Packaging, packing, marking, and palletization shall be as specified in the contract or order.

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5. **REFERENCED DOCUMENTS:**

The issues of the referenced documents in effect on the date of the solicitation for offers or request for proposals shall be used to determine conformance with the requirements of this Commercial Item Description.

A) Public Law

Public Law 94-580 - Resource Conservation and Recovery Act,
(Part of U. S. Code, Title 42)

Available from: Congressional Sales Office, U. S. Government
Printing Office, Washington, DC 20402

B) Industry Standards

ASTM E 96 - Standard Test Methods for Water Vapor
Transmission of Materials

ASTM F 1249 - Standard Test Method for Water Vapor
Transmission Rate Through Plastic Film
and Sheeting Using a Modulated Infrared
Sensor

Available from: ASTM, 1916 Race Street, Philadelphia, PA 19103.

C) Military Standard

MIL-STD-105 - Sampling Procedures and Tables for Inspection by
Attributes

Available from: Standardization Documents Order Desk, Building 4D,
700 Robbins Avenue, Philadelphia, PA 19111-5094.

D) Federal Standard

FED-STD-101 - Test Procedures for Packaging Materials

Activities outside the Federal Government may obtain copies of
Federal Specifications, Standards, and Commercial Item Descriptions
from the GSA Specifications Unit (3FBP-W), 7th and D Streets S.W.,
Washington, DC 20407.

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5. NOTES:

A) Purchasers shall specify:

- 1) Style, Size, and grade required
- 2) Packaging, packing, marking, and palletization required

8. Item Identifiers/Reference Part Number System (for cataloging use only)

AA1247 - 1 B 2 This example is a flat style bag, 152 x 102 mm,
with intermediate water vapor permeability.

Grade 1 - Low water vapor permeability
----- Grade 2 - Intermediate water vapor permeability

Size A - 127 x 89 mm
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----- Style 1 - Flat bags
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MILITARY INTERESTS:

PREPARING ACTIVITY:

Military Coordinating Activity:

GSA-FSS

Army - GL

Custodians:

Navy - SA
AF - 99

Review Activities:

Army - MO
AF - 34
DLA - 33