[METRIC]

A-A-1799B
November 7, 1995
SUPERSEDING
A-A-1799A
March 12, 1991

COMMERCIAL ITEM DESCRIPTION

BAG, PLASTIC (INTERLOCKING SEAL CLOSURE)

This Commercial Item Description has been approved by the General Services Administration/Federal Supply Service.

1. Scope. This description covers plastic bags with interlocking seal closures. Type 1 bags are intended to contain small items. Type 2 bags are intended to contain and protect delicate instruments and electronic components.

Bags shall be of the following types and sizes:

Type 1 - Regular
Type 2 - Cushioned

2. SALIENT CHARACTERISTICS:

2.1. Construction. Bags shall be flat style with a ziplock closure. Bags shall be provided with an interlocking seal closure extending the full width of the bag, located not less than 1.3 cm (1/2 “) nor more than 1.9 cm (3/4 “) from the top of the bag when measured to the middle of the seal. The interlocking seal shall close by applying pressure with the fingers to the seal area and shall open by pulling apart each side of the seal with the fingers.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document, should be sent to: General Services Administration, Federal Supply Service, 26 Federal Plaza, New York N.Y. 10278 ATTN: Engineering Branch (2FYEE).

2.2. Physical requirements. Type 1 bags furnished under this description shall be made from plastic sheet which has a Breaking Factor of not less than 0.6 Newton (4.3 lbs) in machine direction and 0.4 Newton (3.0 lbs) in transverse direction, when tested in accordance with ASTM D 882. Type 2 bags shall be made from a composite material formed by laminating 1 layer of cushioning material conforming to Commercial Item Description A-A-549, Nominal thickness, Thin, cell height 32 mm (1/8") to 64 mm (1/4"), between 2 plastic sheets. Plastic sheet used to make the composite material shall have a Breaking Factor of not less than 0.6 Newton (4.3 lbs) in each direction, when tested in accordance with ASTM D 882. All seals along the sides or bottom of the bag shall have a Seal Strength of not less than 0.36 Newton (2.6 lbs) when tested in accordance with ASTM F 88. The closed interlocking seal shall have a Seal Strength of not less than 0.14 Newtons (1.0 lbs), when tested in accordance with ASTM F 88.

2.3. Dimensions. Size (dimensions) of the bag shall be as specified in the contract or purchase order. Type 1 bag dimensions shall be outside dimensions, with height measured from the center of interlocking seal to the bottom of the bag, and width measured as overall width. Type 2 bag dimensions shall be outside dimensions, expressed as overall height x overall width. The tolerance shall be ± 6.4 mm (1/4 ") for each dimension, unless otherwise specified.

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

3. Quality assurance:

3.1. Certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the requirements of this Commercial Item Description/Specification, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices. The government reserves the right to require proof of such conformance prior to the first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

3.2. Suppliers are encouraged to use quality control (QC) techniques that exhibit control over their processes, e.g. (Statistical Process Control SPC techniques), as defined in American National Standards Institute (ANSI) Z1.1, Z1.2 and Z1.3/American Society for Quality Control (ASQC) B.1, B.2 and B.3 that systematically reduce excess variations. Objective evidence shall be available that demonstrates overall measurement adequacy techniques and controls. These techniques shall ensure quality levels equal to, or greater than, those cited in applicable technical document, or, herein.

End item inspection/testing may be used by the offeror or the Government representative, as a means to determine the effectiveness of the in process quality controls. In process controls shall not be substituted for end item performance testing.

For those characteristics for which there are no such controls, or for end item performance test, lot by lot sampling for inspection/test shall be required. Sampling shall be in accordance with (ANSI)/(ASQC) Z1.4. An inspection lot shall consist of all bags manufactured by the same process from the same components at the same time. The sample unit shall be one bag. The inspection level shall be S-2 with an AQL of 2.5 % defective for construction, physical requirements, dimensions, and workmanship.

The supplier must provide objective evidence (tests and inspection records) that the presented material meets the requirements of the sampling plan as indicated above.

4. REGULATORY REQUIREMENTS: The offeror/contractor is encouraged to use recovered materials in accordance Paragraph 23.403 of the Federal Acquisition Regulation.

5. PACKAGING, PACKING, AND MARKING: Packaging, packing, and marking shall be as specified in the contract or order.

6. 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.

Federal Acquisition Regulation. Paragraph 23.403

Copies of the U.S. Code may be obtained through the Congressional Sales Office, U.S. Government Printing Office, Washington, D.C. 20402.

ANSI/ASQC Z1.4 - American National Standards Institute (ANSI)/American Society for Quality Control (ASQC), Sampling Procedures and Tables for Inspection by Attributes.

Available from: American Society for Quality Control, P.O. Box 3005, 611 E. Wisconsin Avenue, Milwaukee, WI 53201-4606.

ASTM D 882 - Standard Test Methods for Tensile Properties of Thin Plastic Sheeting

ASTM F 88 - Standard Test Method for Seal Strength of Flexible Barrier Materials

ASTM test methods are available from ASTM 1916 Race Street, Philadelphia, PA 19103.

A-A-549 - Cushioning Material, Packaging (Flexible Closed Cell Plastic Film for Short Shipping Cycle Applications)

Activities outside the Federal Government may obtain copies of Federal specifications, standards, and commercial item descriptions as outlined under General Information in the Index of Federal Specifications, Standards and Commercial Item Descriptions. The Index, which includes cumulative bimonthly supplements as issued, is for sale on a subscription basis by the Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402.

6. NOTES: The following shall be specified in the contract or purchase order:

(1) Type and size required.
(2) Packaging, packing, and marking required.

MILITARY INTEREST:

Military Coordinating Activity

Army - GL

PREPARING ACTIVITY:

GSA-FSS