

[INCH-POUND]
A-A-52197
15 August 1995

COMMERCIAL ITEM DESCRIPTION

WEIGHT, PARACHUTE PACKING

The General Services Administration has authorized the use of this commercial item description as a replacement for MIL-W-27888B, for all federal agencies.

1. SCOPE.

1.1 This commercial item description describes two types of parachute packing weights for use as packing aids.

1.2 The packing weights are intended for use by parachute riggers for holding-canopy gores in position during the folding of the canopy and stowing of the suspension lines when packing a parachute.

2. CLASSIFICATION . The packing weights shall conform to the following types (see 3.1 and 7.1).

2.1 Type.

Type I - 1 compartment
Type II - 2 compartment

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any other data which may improve this document should be sent to: Commander, U.S. Army Natick Research, Development, and Engineering Center, ATTN: SATNC-UC, Natick, MA 01760--5014.

AMSC N/A

FSC 1670

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

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3. SALIENT CHARACTERISTICS.

3.1 Materials. (see 5.1).

3.1.1 Cover. The Type I packing weight cover shall be constructed of heavy woven tubular textured nylon. The Type II packing weight shall be constructed of a laminated vinyl-nylon cloth that is of high strength and flexible. Materials shall be of the quality normally used by the manufacturer in his standard commercial products, provided that the completed item complies with all provisions of this document.

3.1.2 Lead shot. The pellets will be 0.1 to 0.15 inches in diameter and have a total weight of approximately 5 pounds.

3.1.3 Thread. The thread will be nylon.

3.2 Design and construction. The design and construction of the packing weights shall conform in all respects to the requirements specified herein. (see 5.1).

3.2.1 Shape. The type I packing weight will have a single tubular compartment filled with lead shot (see 3.1.2). The Type II packing weight will have two parallel tubular compartments with the lead shot (see 3.1.2) equally divided into each compartment.

3.2.2 Dimensions. The Type I packing weight will be approximately 19 inches in length and 1 1/2 inches in diameter. The Type II packing weight will be approximately 20 inches in length and 2 3/8 inches wide. The depth or thickness of the weights is determined by the lead shot in the compartments.

3.2.3 Stitching. The stitching will be standard commercial or "zig-zag". Standard stitching seams will have a minimum of 2 rows of stitching.

3.2.4 Seaming. After sewing, the ends of the tubular nylon for the Type I weight will be seared to prevent fraying. There will be no sharp edges or ridges.

3.3 Color. The packing weights will be red, orange, yellow or any of the similarly bright "neon" colors.

3.4 Cleanliness. The packing weights shall be free of dirt, stains, grease or lubricants.

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3.5 Workmanship. The finished packing weights shall conform to the quality of product established by this document. The occurrence of defects shall not exceed the contractor's own quality assurance standards defined by the technical data in the bid package.

3.6 Bid samples. When required, offerors shall submit samples of their intended production. The bid sample will consist of units independently developed. The bid samples will be analyzed and evaluated by the Government. Evaluation criteria and basis of award are contained in the solicitation. The bid samples will be retained by the Government. One (1) bid sample approved by the contracting agency will serve as a manufactured standard for the corresponding production items delivered under the contract. Offerors are advised that the bid sample does not relieve the successful offeror of his responsibility to perform in accordance with the commercial item description specified above.

4. REGULATORY REQUIREMENTS.

4.1 The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

5. QUALITY ASSURANCE PROVISIONS.

5.1 Contractor Certification. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics and requirements of this Commercial Item Description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and is the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract.

5.2 Metric product. Products manufactured to metric dimensions will be considered on an equal basis with those manufactured using inch-pound units, provided they fall within specified tolerances using conversion tables contained in the latest revision of FED-STD-376, and all other requirements of this commercial item description are met. If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch-pound units, a request should be made to the contracting officer to determine if the product is acceptable. The contracting officer has the option of accepting or rejecting the product.

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5.3 Market acceptability criteria. The item offered must have been sold to the commercial market or to the Government, and the contractor shall certify and provide supporting documentation as to the serviceability and the long term (one year) availability of all necessary maintenance and logistics support parts and materials.

5.4 Warranty. The item offered shall include the standard warranty given to the commercial market.

6. PACKAGING.

6.1 Preservation and Packing. Preservation and packing shall be commercial preservation and packing in accordance with ASTM D 3951 or as specified in the contract or purchase order.

6.2 Palletization. When specified (see 7.1) the packing weights shall be palletized in accordance with ASTM D 4649 and ASTM D 4675.

6.3 Marking. In addition to any special marking required by the contract or order, unit packs, shipping containers and palletized unit loads shall be marked in accordance with ASTM D 3951.

7. NOTES .

7.1 Ordering data. Acquisition documents should specify the following:

- Title, number, and date of this document.
- b. Type required (see 2.1).
- c. Selection of applicable packaging and packing (see 6.1).
- d. Palletization when required (see 6.2).

7.2 Sources of documents.

7.2.1 Sources for nongovernment association documents.

ASTM D 3951 - Standard Practice for Commercial Packaging

ASTM D 4649 - Standard Guide for Selection of Stretch. Shrink, and Net Wrap Materials

ASTM D 4675 - Standard Guide for Selection and Use of Flat Strapping Materials

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The above are available from:

The American Society for Testing and Materials (ASTM)
1916 Race Street
Philadelphia, PA 19103-1187

7.2.2 Sources of governmental documents. Copies of Military and Federal documents are available from:

Standardization Documents order Desk
Bldg. 4D
700 Robbins Avenue
Philadelphia, PA 19111-5094

7.3 Known sources for the item(s) described:

Type I

Para-Gear Equipment Co. Inc
3839 West Oakton St.
Skokie, IL 60076-3438
Model No. S7085

Type II

Aerial Machine and Tool Corp
US Highway 58
P.O. BOX 222
Vesta, VA 11101-2716
Model No. 0000000

Pioneer Aerofab Co.
1319 Flightline Road
Burlington, WA 98233-3601

7.4 Part identification number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the offeror/contractor.

This example describes a part numbering system for CID A-A-52197.

