

COMMERCIAL ITEM DESCRIPTION

LINER, HELMET: PARACHUTIST, IMPACT

The General Services Administration has authorized the use of this commercial item description for all Federal agencies.

1. SCOPE. This commercial item description covers the requirements for an impact liner for the parachutists to use with the aramid helmet (MIL-H-44099, Helmet, Group Troops and Parachutist's) to provide impact protection.

2. CLASSIFICATION. The liner for the Front/Back and Middle shall be in the following sizes:

Sizes:	<u>Front/Back</u>	<u>Middle</u>
	Small/Xsml	Small/Xsml
	Medium	Medium
	Large/Xlge	Large/Xlge

3. SALIENT CHARACTERISTICS. The liner shall be 3 individual pads; one is rectangular and the other two are identical v-shaped. The liner is not to have a coating, and shall contain proofing construction in accordance with Figure 1 and 2, and shall contain various markings conforming to drawing to be able to interface with existing aramid helmet (MIL-H-44099, Helmet, Group Troops and Parachutist's) see 7.2.1.

3.1 Coating. The liner shall not have a coating.

3.2 Equivalencies. The material for the liner shall conform to Voltek Company Volara Type A-4pcf; Foam Design/USA Company Plastizote LD70; add: "Rogers Foam Corporation, ROV 261A or equal.

3.3 Marking. The markings shall be in accordance with Figure 1 and 2, and shall be applied with a black marking medium. The marking shall be well defined, clearly legible, and shall not show smearing, bleeding, or offsetting. The marking medium shall not in any way affect the pad material or coating.

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: Defense Personnel Support Center, Clothing and Textiles Directorate, Attn: DPSC-FNS, 2800 South 20th Street, Philadelphia, PA 19145-5099.

AMSC N/A

FSC 8415

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

3.4 Label/tag. Each item shall be individually bar-coded with a paper. The paper tag shall be standard bleached sulfate having a basis weight of 100 pounds. The paper used for the tags shall have a smooth finish to accept thermal transfer and direct printing. The tags shall have a hole and shall be attached to each item by a fastener, clearly legible and readable by a scanner. The bar coding element shall be a 13 digit national stock number (NSN). The bar code type shall be a medium to high code density and shall be located so that it is completely visible on the item when it is folded and/or packaged as specified and so that it causes no damage to the item.

4. REGULATORY REQUIREMENTS. 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 Product conformance. The products provided shall meet the salient characteristics of this commercial item description, conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and be the same product offered for sale in the commercial market. The Government reserves the right to require proof of such conformance.

5.2 Market acceptance criteria. The item offered, or a generic equivalent, must have been sold to the commercial market or to the Government for at least two years.

5.3 Warranty. The item offered shall include the standard warranty given to the commercial market beginning with the date of delivery of the individual items.

5.4 Visual examination. Each liner shall be examined for the defects listed below:

5.4.1 Defects. Any cut, tear, or hole not as specified in Figures 1 and 2; outer edge perforations omitted; any markings omitted, incomplete, illegible, or not black; any grease or oil stains; color not as specified; any distorted parts or poor workmanship; any component part omitted; label missing, incorrect, or illegible; measurement of item not as specified; bar code omitted or not readable by scanner; human-readable interpretation (HRI) omitted or illegible; bar code not visible on folded, packaged item; bar code causes damage to the item; any items not packaged in accordance with the contract or purchase order.

5.5 Acceptance criteria. Acceptance criteria shall be as specified in the contract or purchase order.

6. PACKAGING

6.1 Preservation, packing, and marking. The preservation, packing, and marking shall be as specified in the contract or order.

7. NOTES

7.1 Suggested sources of supply. Competition is not limited to those manufacturers listed below:

Voltek Foam
Lawrence, MA.

Foam Design/USA
Cambridge, MA,.

Rogers Foam Corporation
Somerville, MA. 02145

7.2 Source of Government documents. Copies of military and Federal documents are available from:

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

7.2.1 Source of drawing. Copies of drawing, 8-2-1101 are available from:

Contracting activity issuing the invitation for bids (see 3.).

7.3 Source of non-Government documents

ASTM Test Methods
ASTM D 3575

(Applications for copies should be addressed to American Society For Testing and Materials, 1916 Race Street, Philadelphia, PA 19103-1187.)

MILITARY INTERESTS:

Custodians:

Army - GL
Navy - MC
Air Force - 99

CIVIL AGENCY COORDINATING ACTIVITY:

GSA - FSS

Review Activities:

Army - MD
Air Force 45, 82

PREPARING ACTIVITY:

DLA - CT

Project 8415-0056

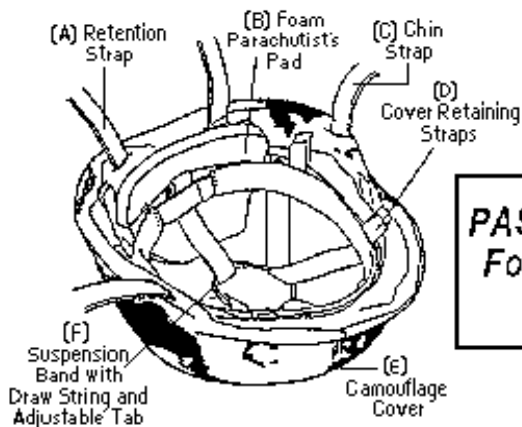


Figure 1 - HELMET

**PASGT Helmet
Foam Impact
Liner**

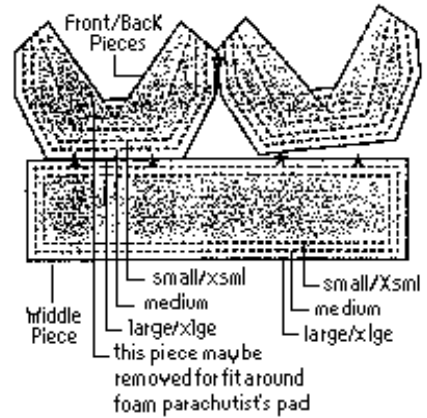


Figure 2 - HELMET LINER

PASGT helmet foam Impact liner is placed in, and removed from the helmet without removal of A, B, C, D, E or F (see Fig. 1)

- 1 Separate the three portions of the helmet liner.
- 2 Size at perforation according to helmet size as shown in Figure 2.
- 3 Place the insert portions into the helmet as shown below.

