

INCH POUND

A-A-50194A  
April 28, 1992

SUPERSEDING  
A-A-50194  
MAY 22, 1989

COMMERCIAL ITEM DESCRIPTION

HOOD, BALACLAVA, EXTENDED COLD WEATHER

The General Services Administration has authorized the use of this Commercial Item Description (CID) as a replacement for MIL-H-44302.

Salient Characteristics. The hood shall be a pull over the head style with an adjustable face opening, allowing it to be worn up over the nose, or down under the chin (see figure 1). The hood shall have two plies of the knitted cloth with a tightly woven nylon material, wind barrier interlining between the plies in the face area and extending over the head. The interlining shall have a cut out in the mouth area. The hood shall extend down the neck and over the shoulders.

NOTE: The figure is furnished solely for guidance and information.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Defense Personnel Support Center, Clothing and Textiles Directorate, Attn: DPSC-FSSD, 2800 South 20th Street, Philadelphia, PA 19101-8419, by using the self-addressed Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

FSC 8415

DISTRIBUTION STATEMENT A.

Approved for public release;  
distribution is unlimited

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Knitted cloth. The finished cloth for the hood shall be washable wool, not lower than 64's U.S Standard, which may be blended with a maximum of 15 percent synthetic fiber, and dyed Black 470. The finished cloth shall be constructed in a 1x1 rib knit and conform to the minimum requirements listed below when tested in accordance with the cited test methods.

<u>Characteristics</u>	<u>Minimum requirement</u>	<u>Method</u>
Weight: oz./sq. yd <u>1/1000</u>	8.0	ASTM D 3887
Wales x courses per inch	5 x 12	ASTM D 3887
Colorfastness to:		
Crocking	Good	FED-STD-191; Method 5651
Perspiration	Good	FED-STD-191; Method 5680
Laundering	Good	FED-STD-191; Method 5614

1/ Requirement for single ply of the base knit material.

Thread. The thread for seaming and edge finishing the hood shall be Black 470, C.A. 66043; polyester or cotton-covered, ticket No.'s 40, 2 or 3 ply or 50, 2 ply.

Interlining. The wind barrier interlining shall be a tightly woven nylon material with a maximum air permeability of 15 cubic feet/minute/square foot when tested in accordance with ASTM D 737.

Seams and stitchings. Seam allowances shall be maintained with seams sewn so that no raw edges, runoffs, pleats, puckers or open seams occur. Thread tension shall be maintained so that no tight or loose stitching will result. Overedge stitching shall be 3/16 to 1/4 inch wide. Type 401 stitching shall be used to seam the upper portion of the hood together. Both ends of the stitching produced with the 401 stitch type shall have a 1/2 inch chain extending beyond each end. Type 504 or 505 stitching shall be used on face opening and bottom edges of hood.

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Labels. Each hood shall have a sewn on commercial combination identification/care label. The label shall contain the following information:

Contract Number  
NSN  
Fiber Content  
Name of Supplier

WASH BY HAND, COOL WATER  
SQUEEZE, DON'T WRING  
LAY FLAT, SHAPE, AIR DRY  
DO NOT MACHINE WASH, DRY, OR BLEACH

Sizes and Measurements. The finished hood shall be one size fits all and conform to the measurements below:

Weight	4 ± 1 ounces
length <u>1/</u>	19 inches ± 1/4"
1/2 Width <u>2/</u>	8 1/4 inches ± 1/4"
1/2 Face opening <u>3/</u>	7 1/4 inches ± 1/4"

1/ Place hood on a flat surface, align bottom edges of front and back, and butt top and bottom edges of face opening. With hood in this position, measure length in a straight line from folded edge of crown at highest point to bottom of hood.

2/ With hood positioned as indicated above, measure across the hood in a straight line from folded edge to folded edge at face opening.

3/ Place hood on a flat surface and fold in half lengthwise, pull hood so the curvature along side edges of face opening is straight. Measure along the edge of face opening from fold at center front to fold at center neck.

Workmanship. The finished hood shall conform to the quality of product established by this document and the occurrence of defects shall not exceed the applicable acceptable quality levels.

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Product Demonstration Model. When required offerers will submit two (2) hoods of their intended production. The Product Demonstration Model will consist of units independently developed. Product Demonstration Models will be analyzed and evaluated by the government. Evaluation criteria and basis for award are contained in the solicitation. Product Demonstration Models will be retained by the government. One (1) Product Demonstration Model approved by DPSC under the resultant contract will serve as a manufacturing standard for the corresponding production items delivered under this contract. Offerers are advised that the Product Demonstration Model does not relieve the successful offerer of his responsibility to perform in accordance with the Commercial Item Description specified above.

#### Quality Assurance

Certification. The contractor shall certify that the product offered meets the salient characteristics of this description and that the product conforms to the producer's own drawings, specifications, standards and quality assurance practices. The government reserves the rights 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.

Visual examination. Lots of hoods shall be inspected in accordance with "Sampling Procedures and Tables for Inspection by Attributes", ANSI Z1.4, published by the American Society for Quality Control. The inspection level shall be II and the AQL 10.0. The sample unit is one hood. The hood shall be inspected for consumer type defects only. Consumer type defects are defined as defects in design, material, construction and workmanship, any component full, tight or twisted, open seam, any size hole, cut, tear, smash, run or loose yarn, visible mend, shade bar, dye streak, or area of no dye penetration. Any spot or stain clearly noticeable.

Dimensional examination. The finished hoods shall conform to the dimensions specified. Any dimension that is not within the established tolerance shall be classified as a defect. The sample unit shall be one hood; the inspection level shall be S-4 and the AQL shall be 4.0.

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Packaging examination. The fully packaged shipping containers shall be examined in accordance with defects listed below. The lot size shall be the number of shipping containers in the inspection lot. The inspection level shall be S-2 and AQL shall be 2.5.

Examination	Defect
Material	Missing, damaged, not as required.
Content	Number of hoods per shipping container is more or less than required.

End Item Performance Testing. The finished hood shall neither shrink nor elongate more than 7 percent maximum in either the length or width direction when laundered in accordance with the care instructions on the label.

#### PACKAGING

##### Overseas:

Packaging. Each hood shall be folded to approximately 8 by 10 inches.

Packing. One hundred hoods shall be packed in a fiberboard box conforming to style RSC-L, grade 275 of PPP-B-636. The inside dimensions of the box shall be approximately 20 inches in length, 16 inches in width and 20 inches in depth. The box shall be closed in accordance with the appendix of PPP-B-636.

Palletization. Boxes shall be palletized on a 4-way entry pallet in accordance with load type Ia of MIL-STD-147. Each prepare load shall be bonded with primary and secondary straps in accordance with bonding means C and D or film bonding means F or G. Pallet pattern shall be number 95 in accordance with the appendix of MIL-STD-147.

Marking. Marking shall be in accordance with MIL-STD-129.

##### Domestic:

Packaging, Packing, Marking and Palletization. Packaging, packing marking and palletization shall be in accordance with ASTM-D 3951.

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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

Source of Nongovernment Association Documents.

ANSI Z1.4 - Sampling Procedures and Tables for inspection by Attributes

(Applications for copies should be addressed to American National Standards Institute, 1430 Broadway, New York, NY 10018-3308)

Civil Agency Coordinating Activity  
GSA - FSS

Custodians:  
Army - GL  
Navy - NU  
Air Force - 99

Preparing Activity:  
DLA - CT

Review Activities:  
Air Force - 45, 82  
Navy - MC

Project No. 8415-0866

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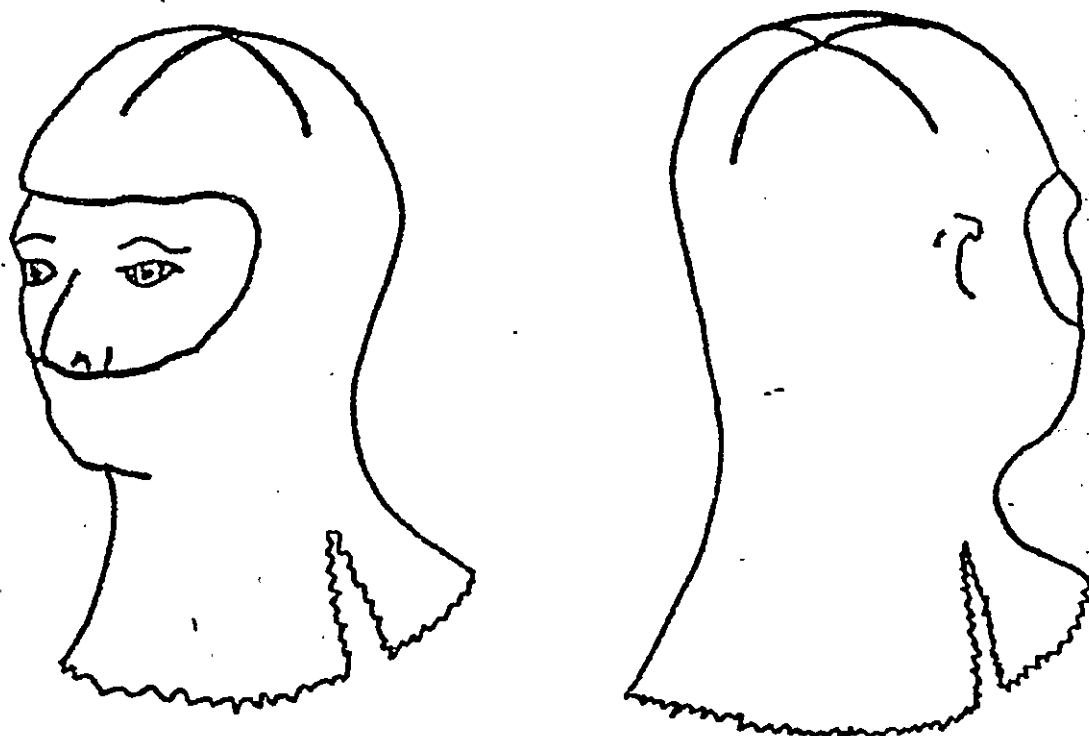


Figure 1: Hood, Balaclava, Cold Weather

## STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

## INSTRUCTIONS

1. The preparing activity must complete blocks 1, 2, 3, and 8. In block 1, both the document number and revision letter should be given.
2. The submitter of this form must complete blocks 4, 5, 6, and 7.
3. The preparing activity must provide a reply within 30 days from receipt of the form.

NOTE: This form may not be used to request copies of documents, nor to request waivers, or clarification of requirements on current contracts. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements.

<b>I RECOMMEND A CHANGE</b>		1. DOCUMENT NUMBER A-A-50194A	2. DOCUMENT DATE (YYMMDD) 920428
3. DOCUMENT TITLE Hood, Balaclava, Extended Cold Weather			
4. NATURE OF CHANGE (Identify paragraph number and include proposed rewrite, if possible. Attach extra sheets as needed.)			
5. REASON FOR RECOMMENDATION			
6. SUBMITTER			
a. NAME (Last, First, Middle Initial)		b. ORGANIZATION	
c. ADDRESS (Include Zip Code)		d. TELEPHONE (Include Area Code) (1) Commercial (2) AUTOVON (If applicable)	7. DATE SUBMITTED (YYMMDD)
8. PREPARING ACTIVITY			
a. NAME DLA-CT		b. TELEPHONE (Include Area Code) (1) Commercial (2) AUTOVON	
c. ADDRESS (Include Zip Code) 2800 South 20th Street Philadelphia, PA 19101-8419		IF YOU DO NOT RECEIVE A REPLY WITHIN 45 DAYS, CONTACT: Defense Quality and Standardization Office 5203 Leesburg Pike, Suite 1403, Falls Church, VA 22041-3466 Telephone (703) 756-2340 AUTOVON 289-2340	