

INCH-POUND

MIL-U-44164A

25 January 1989

SUPERSEDING

MIL-U-44164

19 March 1985

MILITARY SPECIFICATION

UNDERSHIRT, COLD WEATHER, POLYPROPYLENE

This specification is approved for use by all Departments and Agencies of the Department of Defense.

1. SCOPE

1.1 Scope. This specification covers a polypropylene undershirt used as a component of the extended cold weather clothing system.

1.2 Classification. The undershirts shall be of one type in the following sizes as specified (see 6.2).

Schedule of sizes

X-Small
Small
Medium
Large
X-Large

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: U.S. Army Natick Research, Development, and Engineering Center, Natick, MA 01760-5014 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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2. APPLICABLE DOCUMENTS

2.1 Government documents.

2.1.1 Specifications, standards, and handbooks. The following specifications, standards, and handbooks form a part of this document to the extent specified herein. Unless otherwise specified, the issues of these documents are those listed in the issue of the Department of Defense Index of Specifications and Standards (DODISS) and supplement thereto, cited in the solicitation (see 6.2).

SPECIFICATIONS

FEDERAL

- A-A-50083 - Bag, Plastic, Folded Garment
- V-F-106 - Fasteners, Slide, Interlocking
- DDD-L-20 - Label: for Clothing, Equipage, and Tentage
(General Use)
- PPP-B-26 - Bag, Plastic, (General Purpose)
- PPP-B-636 - Boxes, Shipping, Fiberboard

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- MIL-L-35078 - Loads, Unit: Preparation of Semiperishable
Subsistence Items; Clothing, Personal
Equipment, Equipage; General Specification For
- MIL-T-43624 - Thread, Polyester, Spun
- MIL-C-44161 - Cloth, Knitted, Terry, Polypropylene

STANDARDS

FEDERAL

- FED-STD-751 - Stitches, Seams, and Stitchings

MILITARY

- MIL-STD-105 - Sampling Procedures and Tables for Inspection
by Attributes
- MIL-STD-129 - Marking for Shipment and Storage
- MIL-STD-147 - Palletized Unit Loads
- MIL-STD-731 - Quality of Wood Members for Containers and Pallets

(Unless otherwise indicated, copies of federal and military specifications, standards, and handbooks are available from the Naval Publications and Forms Center, (ATTN: NPODS), 5801 Tabor Avenue, Philadelphia, PA 19120-5099.)

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2.2 Non-Government publications. The following documents form a part of this document to the extent specified herein. Unless otherwise specified, the issues of the documents which are DOD adopted are those listed in the issue of the DODISS cited in the solicitation. Unless otherwise specified, the issues of documents not listed in the DODISS are the issues of the documents cited in the solicitation (see 6.2).

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

D 3951 - Standard Practice for Commercial Packaging

(Application for copies should be addressed to the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.)

(Non-Government standards and other publications are normally available from the organizations that prepare or distribute the documents. These documents also may be available in or through libraries or other informational services.)

2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein, the text of this document takes precedence. Nothing in this document, however, supersedes applicable laws and regulations unless a specific exemption has been obtained.

3. REQUIREMENTS

3.1 First article. When specified (See 6.2), a sample shall be subjected to first article inspection (see 6.3) in accordance with 4.3.

3.2 Guide sample. Samples, when furnished, are solely for guidance and information to the contractor (see 6.4). Variation from this specification may appear in the sample, in which case this specification shall govern.

3.3 Materials.

3.3.1 Basic material. The basic material shall be a knitted multifilament 100 percent polypropylene terry-loop fabric conforming to MIL-C-44161. The color shall be Brown 436.

3.3.2 Thread. The thread for seaming and stitching shall be ticket number 100, 2 ply conforming to MIL-T-43624. The ticket number shall be as specified in table II. The color shall be Brown 436 and shall show fastness to laundering (after 3 cycles) and perspiration equal to or better than the standard sample (see 6.4). When no standard sample is available, the dyed thread shall show good fastness to laundering (after 3 cycles) and perspiration.

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3.3.3 Slide fastener. The slide fastener shall be a continuous element coil or ladder configuration and conform to type I, style 3, size LS of V-F-106. The color of the slide fastener shall approximate the color of the undershirt.

3.3.4 Labels. Each undershirt shall have a class 4 combination identification and size label and a class 3 instruction label conforming to type VI of DDD-L-20. The label shall show colorfastness to laundering.

3.3.4.1 Instruction label. The instruction label shall contain the following information:

UNDERSHIRT, COLD WEATHER, POLYPROPYLENE

FIXED LAUNDRY: The polypropylene undershirt should be laundered utilizing "Natick Formula IV". NOTE: DO NOT STARCH, BLEACH OR PRESS.

FIELD LAUNDRY: The polypropylene undershirt should be laundered utilizing "Formula II" of TM 10-280. NOTE: DO NOT STARCH, BLEACH OR PRESS.

DRYING: The polypropylene undershirt should be finished in a tumble-dryer, loaded not more than 2/3 of rated capacity at low heat cycle (do not exceed 100°F). Remove immediately from dryer. Avoid over-drying.

MACHINE/HAND LAUNDERING: Use delicate wash cycle or wash by hand in cold water (85°F) and cold water detergent. Rinse in clean cold water.
DO NOT BLEACH OR STARCH.

DRYING (HOME): Tumble dry permanent press cycle (100°F) for 30 minutes. remove immediately. DO NOT OVER-DRY. DO NOT PRESS."

3.4 Design. The undershirt shall have long sleeves and a collar that converts to a turtleneck when the front opening slide fastener is closed to the top of the collar.

3.5 Patterns. Standard patterns which show size, directional lines, placement marks, notches for assembly and 1/4 inch seam allowance unless otherwise specified will be furnished by the Government. The Government patterns shall not be altered in any way and shall be used as a guide for cutting the working patterns.

3.5.1 Pattern parts. The component parts of the undershirt shall be cut from the materials specified below and in accordance with the pattern parts indicated.

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List of pattern parts

<u>Material</u>	<u>Pattern nomenclature</u>	<u>Cut parts</u>
Cloth, knitted terry polypropylene	Front	1
	Back	1
	Sleeves	2
	Collar	1
	Cuffs	2

3.6 Construction. The construction shall conform in all respects to the requirements specified in table I and herein. Figure 1 is furnished solely for guidance and information. Should variation from the specification appear in figure 1, the specification shall govern.

3.6.1 Stitches, seams, and stitchings. Stitches, seams, and stitching types specified in table I shall conform to FED-STD-751. Whenever two or more methods, seams, or stitches are given for the same part of an operation, any one of them may be used. Ends of all stitching (except ends of type 401 stitching) when not caught in other seams or stitching shall be backstitched not less than 1/2 inch. Thread tension shall be maintained so there will be no loose stitching resulting in a loose bottom or top thread or no excessively tight stitching resulting in puckering of the materials sewn. The minimum and maximum number of stitches per inch shall be as specified in table I.

3.6.2 Repairs of stitching. Repairs of stitching shall be as follows:

a. When thread breaks or bobbin run-outs occur during sewing, the stitching shall be repaired by restarting the stitching a minimum of 1/2 inch back of the end of the stitching.

b. Thread breaks or two or more consecutive skipped or run-off stitches noted during inspection of the item (in-process or end item) shall be repaired by over stitching. The stitching shall start a minimum of 1/2 inch back of the defective area, continue over the defective area, and continue a minimum of 1/2 inch beyond the defective area onto the existing stitching. Loose or tight stitching shall be repaired by removing the defective stitching without damaging the material and restitching in the required manner. 1/

1/ When making the above repairs, the ends of stitching are not required to be backstitched.

3.7 Manufacturing operations requirements. The undershirt shall be manufactured in accordance with all operations specified in table II. The contractor is not required to follow the exact sequence of operations.

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NO.	MANUFACTURING OPERATIONS REQUIREMENTS	STITCH TYPE	SEAM AND STITCHING TYPE	STITCHES PER INCH	THREAD		
					NEEDLE	BOSSIN/ LOOPER	COVER
1.	<p><u>Cut undershirts.</u></p> <p>The undershirts shall be cut in accordance with the patterns. All component parts shall be cut lengthwise in the direction of the wales. The napped side of the fabric shall be on the inside of the shirt.</p>						
2.	<p><u>Replacement of damaged parts.</u></p> <p>Care shall be exercised during the spreading, cutting and manufacturing operations to assure that material defects and damages as specified in 4.4.2 are excluded and replaced with non-defective and properly matched material.</p>						
3.	<p><u>Marking.</u></p> <p>a. Mark, ticket or bundle all cut parts to insure a uniform shade, color and size throughout the undershirt.</p> <p>b. Any method of marking may be used except:</p> <ul style="list-style-type: none"> (1) Metal fastening devices. (2) Sew-on tickets. (3) Adhesive type tickets which leave traces of adhesive on the material after removal of the tickets. 						

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NO.	MANUFACTURING OPERATIONS REQUIREMENTS	STITCH TYPE	SEAM AND STITCHING TYPE	STITCHES PER INCH	T H R E A D	
					NEEDLE	BOBBIN/ LOOPER COVER
4.	<p><u>Make cuffs.</u></p> <p>With right sides together, seam cuffs. Turn to right side, folding cuff in half.</p>	503 or 504	SSa-1	12-16	100	100
5.	<p><u>Attach sleeves to body.</u></p> <p>Seam fronts of sleeves to shirt fronts. Seam backs of sleeves to shirt backs.</p>	503 or 504	SSa-1	12-16	100	100
6.	<p><u>Stitch slide fastener to collar.</u></p> <p>a. With inner and outer right sides of front edge of collar together, and slide fastener placed between both layers, stitch through all layers. Repeat with other front edge of collar.</p> <p>b. Turn collar to right side.</p>	301 or 401	SSa-1	12-16	100	100
7.	<p><u>Join collar to body.</u></p> <p>Stitch collar to sleeves and body, catching identification/size label at center back in stitching.</p>	503 or 504	SSa-1	12-16	100	100
8.	<p><u>Join side and underarm seams.</u></p> <p>Fold instruction label evenly in half crosswise. Stitch side seams and underarm seams in a continuous operation catching both ends of the instruction label at the center of the side seam. The label shall be inside the undershirt.</p>	503 or 504	SSa-1	12-16	100	100

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NO.	TABLE I. (cont'd) MANUFACTURING OPERATIONS REQUIREMENTS	STITCH TYPE	SEAM AND STITCHING TYPE	STITCHES PER INCH	T H R E A D	
					NEEDLE	BOBBIN/ LOOPER COVER
9.	<p><u>Attach cuffs to sleeves.</u></p> <p>Seam folded cuffs to sleeves. The wales of the finished cuffs shall run in the same direction as the wales of the sleeve. The seams of the cuffs and sleeves shall match \pm 1/8 inch.</p>	503 or 504	SSa-1	12-16	100	100
10.	<p><u>Hem undershirt.</u></p> <p>Turn up bottom of undershirt and seam, making $1 \pm 1/8$ inch hem.</p>	406	EFa-2	12-16	100	100
11.	<p><u>Clean undershirt.</u></p> <p>Trim raw edges, ends of thread and stitching, inside and outside the undershirt. Remove all spots and stains.</p>					

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3.8 Finished measurements. The finished measurements shall be as shown in table II.

TABLE II. Finished measurements (inches)

	XS	S	M	L	XL	Tolerance (inches)
One half chest <u>1/</u>	18 3/4	20 3/4	22 3/4	24 3/4	26 3/4	+3/4 -1/2
Back length <u>2/</u>	25	26	27	28	29	+3/4 -1/2
Sleeve length <u>3/</u>	18 3/4	19 3/4	20 3/4	21 3/4	22 3/4	+3/4 -1/2
One half neck <u>4/</u>	7-1/4	7-1/2	7-3/4	8	8-1/4	+3/4 -1/2
One half cuff width <u>5/</u>	3-1/4	3-1/4	3-3/4	3-3/4	4-1/4	+3/4 -1/2
Cuff length <u>6/</u>	2-1/4	2-1/4	2-1/4	2-1/4	2-1/4	+3/4 -1/2

1/ Measure at base of armhole, from folded edge to folded edge.

2/ Measure along center back from collar seam to bottom of undershirt.

3/ Measure along underarm seam from bottom of cuff to armhole seam.

4/ With slide fastener closed, measure from folded edge to folded edge.

5/ Measure cuff width at center of cuff from folded edge to folded edge.

6/ Measure from base of sleeve to bottom of cuff.

NOTE: All measurements shall be taken with the undershirt laid out flat with no smoothing of the fabric and under no tension.

3.9 Workmanship. The finished undershirt shall conform to the quality of product established by this specification. The occurrence of defects shall not exceed the applicable acceptable quality levels.

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4. QUALITY ASSURANCE PROVISIONS

4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the contractor is responsible for the performance of all inspection requirements (examinations and tests) as specified herein. Except as otherwise specified in the contract or purchase order, 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 this specification where such inspections are deemed necessary to ensure supplies and services conform to prescribed requirements.

4.1.1 Responsibility for compliance. All items shall meet all requirements of sections 3 and 5. The inspection set forth in this specification shall become a part of the contractor's overall inspection system or quality program. The absence of any inspection requirements in the specification shall not relieve the contractor of the responsibility of ensuring that all products or supplies submitted to the Government for acceptance comply with all requirements of the contract. Sampling inspection, as part of manufacturing operations, is an acceptable practice to ascertain conformance to the requirements, however, this does not authorize submission of known defective material, either indicated or actual, nor does it commit the Government to accept defective material.

4.2 Classification of inspections. The inspection requirements specified herein are classified as follows:

- a. First article inspection (see 4.3).
- b. Quality conformance inspection (see 4.4).

4.3 First article inspection. When a first article is required (see 3.1 and 6.2), it shall be examined for the visual defects specified in table III and the dimensional requirements specified in table II.

4.4 Quality conformance inspection. Unless otherwise specified, sampling for inspection shall be in accordance with MIL-STD-105.

4.4.1 Component and material inspection. In accordance with 4.1, components and materials shall be inspected in accordance with all the requirements of referenced documents unless otherwise excluded, amended, modified, or qualified in this specification or applicable purchase document.

4.4.2 End item visual examination. The end items shall be examined for the defects listed in table III. The lot size shall be expressed in units of undershirts. The sample unit shall be one undershirt. The inspection level shall be II and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 1.5 for major defects and 6.5 for total (major and minor combined) defects.

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TABLE III. End item visual defects

Examine	Defect	Classification	
		Major	Minor
Material defects	Any hole, cut, tear, dropped stitches or run, thin place, or mend	101	
	Any slub (more than twice the size of the normal diameter of the yarn)		201
	Drop ply		202
	Barre, loose knitting, causing sleasiness in fabric		203
	Burrs	102	
	Uneven, ridgy, or cockled fabric		204
	Birdseye or miss-knit		205
	Color and shade	Wrong color	103
Color or shade not comparable to standard or approved sample			206
Shaded parts clearly visible			207
Streaks clearly visible			208
Cleanness	Any spot or stain		209
	Rancid, bad odor	104	
Seams and stitching	Any seam twisted, puckered, or pulled		210
	Needle chew	105	
	Loose or tight tension resulting in an unsatisfactory seam	106	
	End of stitching, except 401 stitching, when not caught in other seam or stitching, not backstitched or backstitched less than 1/2 inch		211
	Any part of undershirt badly pleated, caught or twisted in any unrelated row of stitching	107	
	Two or more untrimmed ends more than 1 inch in length		212
	Repair of open seam not as specified		213
Seam type	Wrong seam type	108	
Stitch type	Wrong stitch type	109	
Stitches per inch	Number of stitches per inch exceeding minimum or maximum specified		214

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TABLE III. End item visual defects (cont'd)

Examine	Defect	Classification	
		Major	Minor
Open seam (any broken stitch, two or more continuous skipped or runoff stitches, or two or more threads of a stitch broken or skipped)	Up to 1/4 inch		215
	1/4 inch or more	110	
	Any open seam on hems 1/2 inch or more		216
Raw edge	Any up to 1/2 inch		217
	Any 1/2 inch or more in length	111	
	NOTE: Any protrusion more than 1/8 inch long from the stitching line shall be defined as a raw edge.		
Undershirt construction	Any operation omitted or other than specified	112	
Components	Any component part missing, improperly inserted, or other than specified	113	
Hems	Omitted	114	
Label	Missing, misplaced, incorrect, illegible, or not properly stitched		218

4.4.3 End item dimensional examination. The end items shall be examined for conformance to dimensions specified in table II. Any dimension deviating from the specified requirement and tolerance, and pair components uneven in length by 1/2 inch or more shall be classified as defects. The lot size shall be expressed in units of undershirts. The sample unit shall be one undershirt. The inspection level shall be S-3 and the AQL, expressed in terms of defects per hundred units, shall be 4.0.

4.4.4 Packaging examination. The fully packaged end items shall be examined for the defects listed below. The lot size shall be expressed in units of shipping containers. The sample unit shall be one shipping container fully packaged. The inspection level shall be S-2 and the AQL, expressed in terms of defects per hundred units, shall be 2.5.

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<u>Examine</u>	<u>Defect</u>
Marking (exterior)	Omitted; incorrect; illegible; of improper size, location, sequence, or method of application.
Materials	Any component missing, damaged, or not as specified.
Workmanship	Inadequate application of components such as incomplete closure of container flaps, loose strapping, improper taping, or inadequate stapling. Bulged or distorted container.
Contents	Number of undershirts per container more or less than specified. <u>1/</u>

1/ For this defect, one shipping container in the sample shall be examined.

4.4.5 Palletization examination. The fully packaged and palletized end items shall be examined for the defects listed below. The lot size shall be expressed in units of palletized unit loads. The sample unit shall be one palletized unit load, fully packaged. The inspection level shall be S-1 and the AQL, expressed in terms of defects per hundred units, shall be 6.5.

<u>Examine</u>	<u>Defect</u>
Finished dimensions	Length, width, or height, exceeds specified maximum requirements.
Palletization	Pallet pattern not as specified. Interlocking of loads not as specified. Load not bonded with required straps as specified.
Weight	Exceeds maximum load limits.
Marking	Omitted; incorrect; illegible; of improper size, location, sequence, or method of application.

5. PACKAGING

5.1 Preservation. Preservation shall be level A or Commercial (see 6.2).

5.1.1 Level A. Each undershirt shall be folded to the maximum dimensions of 15 inches by 12 inches with the collar centered on top and at one end, then placed in a close-fitting clear polyethylene bag conforming to A-A-50083 or type I or II, style 1 of PPP-B-26. The bag shall have a 1/4 inch hole located near a bottom corner, to allow air to escape.

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5.1.2 Commercial. Undershirts shall be preserved in accordance with ASTM D 3951.

5.2 Packing. Packing shall be level A, B, or Commercial as specified (see 6.2).

5.2.1 Level A packing. Twenty undershirts of one size only, preserved as specified in 5.1, shall be packed within a snug-fitting fiberboard shipping container conforming to style FOL-L or RSC-L, class weather-resistant, grade V2s of PPP-B-636. The shipping container shall be fitted with a box liner conforming to class weather-resistant, variety DW, grade V15c of PPP-B-636. Undershirts shall be packed flat, 2 in length, 1 in width, and 10 in depth. Approximate dimensions of the container are 24 inches in length, 15 inches in width, and 14 inches in depth. Dimensions are furnished as a guide only. Each shipping container shall be closed in accordance with method III, waterproofed in accordance with method V, and reinforced as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.4.4. Shipping containers shall be arranged in unit loads in accordance with MIL-L-35078 for type and class of unit load specified (see 6.2). Strapping shall be limited to nonmetallic strapping except for type II, class F loads.

5.2.2 Level B packing. Twenty undershirts of one size only, preserved as specified in 5.1, shall be packed within a snug-fitting fiberboard shipping container conforming to style FOL-L or RSC-L, class domestic, grade 275, variety SW of PPP-B-636. The shipping container shall be fitted with a box liner conforming to class domestic, variety DW, grade 275 of PPP-B-636. Undershirts shall be packed flat, 2 in length, 1 in width, and 10 in depth. Approximate dimensions of the container are 24 inches in length, 15 inches in width, and 14 inches in depth. Dimensions are furnished as a guide only. Each shipping container shall be closed in accordance with method III, waterproofed in accordance with method V, and reinforced as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.4.4.

5.2.2.1 Weather-resistant fiberboard container. When specified (see 6.2), the shipping container shall be a grade V3c, V3s, or V4s fiberboard box fabricated in accordance with PPP-B-636 and closed in accordance with method III as specified in the appendix of PPP-B-636, except that the inspection shall be in accordance with 4.4.4.

5.2.3 Commercial packing. Undershirts of one size only, preserved as specified in 5.1, shall be packed in accordance with ASTM D 3951.

5.3 Palletization. When specified (see 6.2), undershirts, shirts, packed as specified in 5.2.2 and 5.2.3, shall be palletized on a 4-way entry pallet in accordance with type Ia of MIL-STD-147. Pallet type shall be type I (4-way entry) type IV or type V in accordance with MIL-STD-147. Pallets shall be fabricated from wood groups I, II, III, or IV of MIL-STD-731. Each prepared load shall be bonded with primary and secondary straps in accordance with bonding means K and L or film bonding means O or P. Pallet pattern shall be number 3 in accordance with the appendix of MIL-STD-147. Interlocking of loads shall be effected by reversing the pattern of each course.

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5.4 Marking. In addition to any special marking required by the contract or purchase order, unit packs, shipping containers, and palletized unit loads shall be marked in accordance with MIL-STD-129 or ASTM D 3951, as applicable.

5.4.1 Polyethylene unit packs. Polyethylene bagged unit packs shall have the required information legibly printed or stamped in black directly on the bags across the center face or on a white paper label inserted within the bag so as to permit ready identification. The bag or label shall indicate the following information:

Stock Number
Nomenclature
Size
Quantity

6. NOTES

(This section contains information of a general or explanatory nature that may be helpful, but is not mandatory.)

6.1 Intended use. The undershirts are intended for wear as part of the extended cold weather clothing system.

6.2 Acquisition requirements. Acquisition documents must specify the following:

- a. Title, number, and date of this specification.
- b. Size (see 1.2).
- c. Issue of DODISS to be cited in the solicitation, and if required, the specific issue of individual documents referenced (see 2.1.1 and 2.2).
- d. When a first article is required (see 3.1, 4.3, and 6.3).
- e. Levels of preservation and packing (see 5.1 and 5.2).
- f. Type and class of unit load required (see 5.2.1).
- g. When weather-resistant grade fiberboard shipping containers are required for level B packing (see 5.2.2.1).
- h. When palletization is required (see 5.3).

6.3 First article. When a first article sample is required, it shall be inspected and approved under the appropriate provisions of FAR 52.209. The contracting officer should include specific instructions in all acquisition documents regarding arrangements for inspection and approval of the first article.

6.4 Samples. For access to samples, address the contracting activity issuing the invitation for bids.

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6.5 Subject term (key word) listing

ECWCS

6.6 Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue, due to the extensiveness of the changes.

Custodians:

Army - GL

Navy - NU

Preparing activity:

Army - GL

(Project 8415-0636)

Review activities:

Army - MD

Navy - MC

DLA - CT

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ZIPPERS ALL THE WAY UP THE NECK

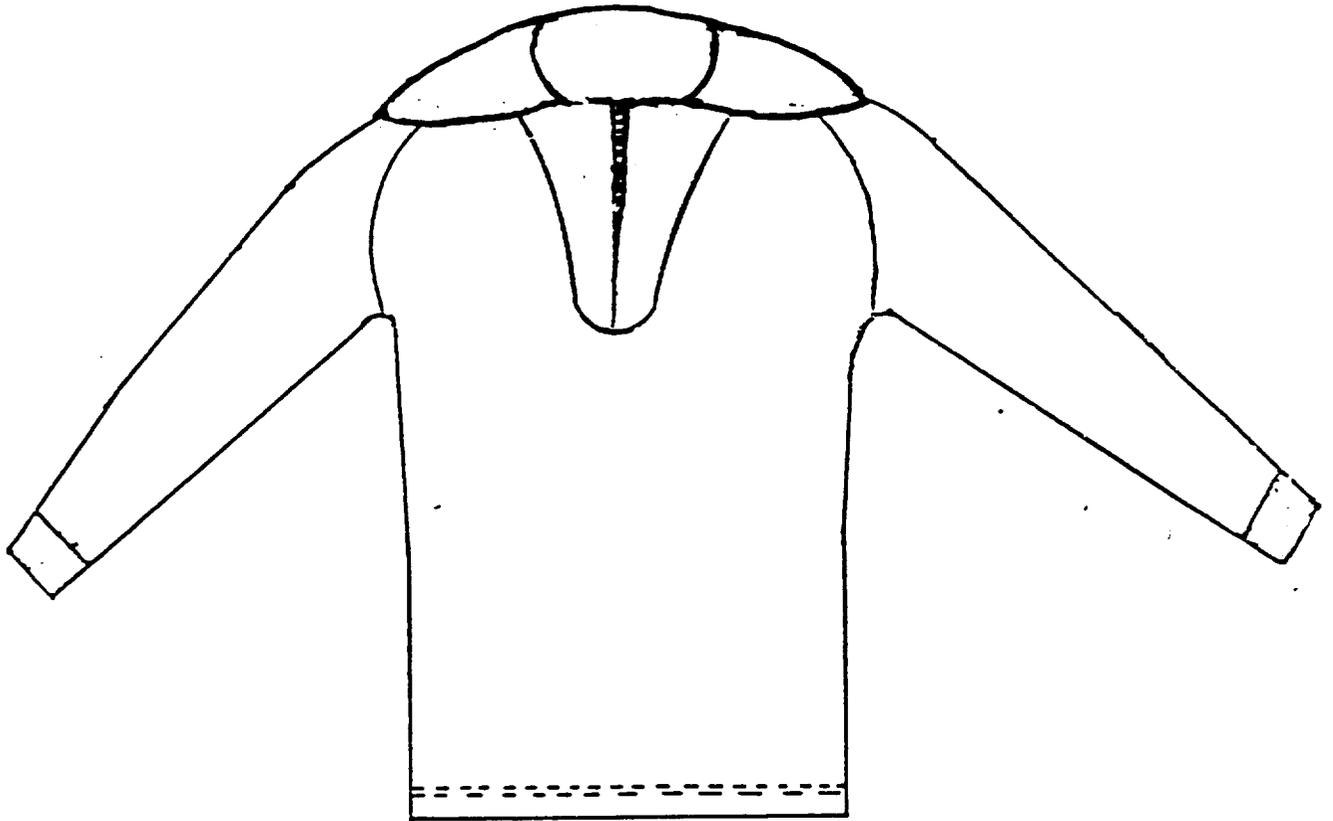


FIG. 1- UNDERSHIRT, COLD WEATHER, POLYPROPYLENE

2-1-1642

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL*(See Instructions - Reverse Side)***1. DOCUMENT NUMBER**

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2. DOCUMENT TITLE

Undershirt, Cold Weather, Polypropylene

3a. NAME OF SUBMITTING ORGANIZATION**4. TYPE OF ORGANIZATION (Mark one)** VENDOR USER MANUFACTURER OTHER (Specify): _____**b. ADDRESS (Street, City, State, ZIP Code)****5. PROBLEM AREAS****a. Paragraph Number and Wording:****b. Recommended Wording:****c. Reason/Rationale for Recommendation:****6. REMARKS****7a. NAME OF SUBMITTER (Last, First, MI) - Optional****b. WORK TELEPHONE NUMBER (include Area Code) - Optional****c. MAILING ADDRESS (Street, City, State, ZIP Code) - Optional****8. DATE OF SUBMISSION (YYMMDD)**

INSTRUCTIONS: In a continuing effort to make our standardization documents better, the DoD provides this form for use in submitting comments and suggestions for improvements. All users of military standardization documents are invited to provide suggestions. This form may be detached, folded along the lines indicated, taped along the loose edge (*DO NOT STAPLE*), and mailed. In block 5, be as specific as possible about particular problem areas such as wording which required interpretation, was too rigid, restrictive, loose, ambiguous, or was incompatible, and give proposed wording changes which would alleviate the problems. Enter in block 6 any remarks not related to a specific paragraph of the document. If block 7 is filled out, an acknowledgement will be mailed to you within 30 days to let you know that your comments were received and are being considered.

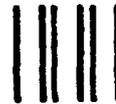
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