

MIL-D-44165
19 March 1985

MILITARY SPECIFICATION

DRAWERS, 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 document covers the requirements for polypropylene drawers used as a component of the extended cold weather clothing system.

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

Schedule of Sizes

X-Small
Small
Medium
Large
X-Large

2. APPLICABLE DOCUMENTS

2.1 Government documents. Unless otherwise specified, the following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this document to the extent specified herein.

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 and Development 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.

FSC 8415

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SPECIFICATIONS

FEDERAL

- JJ-W-155 - Webbing, Textile, (Cotton, Elastic)
- UU-P-268 - Paper, Kraft, Wrapping
- DDD-L-20 - Label for Clothing, Equipage, and Tentage
(General Use)
- PPP-B-26 - Bag, Plastic (General Purpose)
- PPP-B-636 - Boxes, Shipping, Fiberboard

MILITARY

- MIL-C-3735 - Cuffs, Knit, Wrist and Ankle, and Cloth, Knitted
- MIL-T-43624 - Thread, Polyester, Spun
- MIL-C-44161 - Cloth, Knitted, Terry, Polypropylene

STANDARDS

FEDERAL

- FED-STD-191 - Textile Test Methods
- 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

(Copies of documents required by manufacturers in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer.)

2.2 Other publications. Unless otherwise specified, the following documents of the issue in effect on date of invitation for bids or request for proposal, form a part of this document to the extent specified herein.

AMERICAN ASSOCIATION OF TEXTILE CHEMISTS AND COLORISTS (AATCC)

Chromatic Transference Scale

Method 135 - Dimensional Changes in Automatic Home Laundering of Durable Press Woven or Knit Fabrics

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(Application for copies should be addressed to the American Association of Textile Chemists and Colorists, Research Triangle Park, P.O. Box 12215, Durham, NC 27709.)

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 19013.)

(Technical society and technical association documents are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)

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 shall take precedence.

3. REQUIREMENTS

3.1 Guide sample. Samples, when furnished, are solely for guidance and information to the contractor (see 6.3). Variations from the document may appear in the sample, in which case the document shall govern.

3.2 First article. When specified, a sample shall be subjected to first article inspection (see 4.3, 6.2, and 6.4).

3.3 Materials

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

3.3.2 Cuff and waistband material. The cloth for the cuffs and waistband shall be knit from a 140 denier (nominal) texturized multifilament 100 percent polypropylene yarn. The cloth shall conform to the following requirements when tested as specified in 4.4.1.

Knit	-	1 x 1 rib
Wales per inch, minimum	-	19
Courses per inch, minimum	-	32

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3.3.2.1 Color. The color shall be Brown 436 and shall be obtained by solution dyeing.

3.3.2.1.1 Matching. The color and appearance of the dyed cloth shall match the standard sample under daylight having a color temperature of $7000 \pm 500\text{K}$ and shall be a good approximation to the standard sample under incandescent lamplight at $2850 \pm 100\text{K}$.

3.3.2.1.2 Colorfastness. The dyed cloth shall show colorfastness to laundering (after 3 cycles), perspiration and crocking equal to or better than the standard sample. When no standard sample is available, the dyed cloth shall show "fair" fastness to laundering (after 3 cycles), perspiration, and shall show an AATCC Chromatic Transference Scale rating for crocking not lower than 3.5.

3.3.2.1.3 Finish. The material shall be scoured with detergents to remove impurities and no materials having a tendency to cause latent tendering or yellowing of the cloth shall be used in any of the dyeing or finishing operations.

3.3.2.1.4 pH. The finished cloth shall have a pH value between 5.0 to 8.5 when tested as specified in table IV.

3.3.2.1.5 Infrared reflectance. The finished knitted cloth for the cuffs and waistband shall meet the following reflectance values for the wavelengths as specified below.

Wavelength nanometers	Reflectance (percent) (Max)	Reflectance (percent) (Min)	Wavelength nanometers	Reflectance (percent) (Max)	Reflectance (percent) (Min)
600	20	--	760	--	50
620	20	--	780	--	50
640	20	--	800	--	50
660	--	18	820	--	50
680	--	25	840	--	50
700	--	40	860	--	50
720	--	50	880	--	50
740	--	50	900	--	50

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3.3.2.1.6 Shrinkage. The knitted cloth for cuffs and waistband shall not shrink nor elongate more than 3.0 percent when tested as specified in 4.4.1.

3.3.3 Thread. The thread for seaming and stitching shall be ticket number 100, 2 ply conforming to MIL-T-43624. 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 6.3). When no standard sample is available, the dyed thread shall show good fastness to laundering (3 cycles) and perspiration.

3.3.4 Elastic webbing. The elastic webbing for making the waistband shall be 1-1/4 inches wide conforming to type I, class 9 of JJ-W-155. The color of the webbing shall be natural.

3.4 Label. Each pair of drawers shall have a combination identification and size label conforming to type VI, class 4 of DDD-L-20. The label shall show colorfastness to laundering.

3.5 Design. The drawers shall be ankle length with elastic waistband.

3.6 Figure. Figure 1 is furnished for information purposes only. If there are any inconsistencies between the written document and the figure, the written document shall govern.

3.7 Patterns. Standard patterns which show size, directional lines, placement marks, and notches for assembly 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.

3.7.1 List of pattern parts. The component parts of the drawers shall be cut from the materials specified in accordance with the number of parts indicated in table I.

TABLE I. List of pattern parts

Material	Pattern nomenclature	Cut parts
Polypropylene	Leg	2
Terry cloth	Fly	2
Polypropylene	Cuff	2
1 x 1 rib cloth	Waistband	1
Elastic webbing	Waistband	1

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3.8 Construction

3.8.1 Stitches, seams and stitchings. Stitches, seams and stitching types specified in table II 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 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 stitches per inch shall be as specified in table II.

3.8.2 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 overstitching. 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.

3.9 Manufacturing operations requirements. The drawers shall be manufactured in accordance with the operation requirements 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	BOBBIN/ LOOPER COVER
1.	<p><u>Cut drawers.</u></p> <p>The drawers shall be cut in accordance with the patterns. All component parts except the waist-band shall be cut lengthwise in the direction of the wales.</p>					
2.	<p><u>Marking.</u></p> <p>a. Mark, ticket or bundle all cut parts to insure a uniform shade, color and size throughout the drawers.</p> <p>b. Any method of marking may be used except:</p> <p>(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.</p>					
3.	<p><u>Make fly panel.</u></p> <p>a. With right sides together, join right fly piece to right front, and left fly piece to left front, as indicated by marks on pattern.</p> <p>b. Fold back left fly piece and topstitch as indicated by marks on pattern.</p> <p>c. Join all four plies of fronts and fly pieces from waist to notch and below fly opening.</p>	503 or 504 301 503 or 504	SSa-1 SSe-2 SSa-1	12-16 10-12 12-16	100 100 100	

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NO.	MANUFACTURING OPERATIONS REQUIREMENTS	STITCH TYPE	SEAM AND STITCHING TYPE	STITCHES PER INCH	THREAD	
					NEEDLE	BOBBIN/ LOOPER COVER
3.	<p><u>Make fly panel.</u> (cont'd)</p> <p>d. Overedge raw edge of right fly piece.</p> <p>e. With right sides together, join edges of both fly pieces, leaving opening according to marks on pattern, and making sure to overedge completely raw edge of left fly piece.</p>	503 or 504	SSa-1	12-16	100	100
4.	<p><u>Join front and back seams and attach label.</u></p> <p>a. With right sides together, join remainder of front seam.</p> <p>b. With right sides together join back seam, catching label in stitching 6 + 1/4 inches below waist edge.</p>	503 or 504	SSa-1	12-16	100	100
5.	<p><u>Join front and back.</u></p> <p>With right sides together join front and back with one continuous seam.</p>	503 or 504	SSa-1	12-16	100	100
6.	<p><u>Make ankle 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

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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
7.	<p><u>Attach ankle cuffs to legs.</u></p> <p>Seam folded cuffs to legs. The wales of the finished cuffs shall run in the same direction as the leg wales. The seams of cuffs and legs shall match $\pm 1/8$ inch.</p>	503 or 504	SSa-1	12-16	100	100
8.	<p><u>Make waistband.</u></p> <p>a. With right sides together seam ends of waistband.</p> <p>b. Turn to right side, folding waistband in half.</p> <p>c. Seam ends of elastic webbing and insert in folded waistband.</p> <p>d. Attach waistband to body of drawers making sure not to catch elastic webbing in stitching.</p>	503 or 504	SSa-1	12-16	100	100
9.	<p><u>Bartacking.</u></p> <p>Bartack at top and bottom of fly perpendicular to crotch joining seam. Bartacks shall measure 3/8 to 1/2 inch long and shall not extend beyond front edge.</p>	503 or 504	SSa-1	12-16	100	100
10.	<p><u>Clean drawers.</u></p> <p>Trim raw edges, ends of thread and stitching, inside and outside the drawers. Remove all spots and stains.</p>					

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3.10 Finished measurements. The finished measurements shall be as shown in table III.

TABLE III. Finished measurement (inches)

	XS	S	M	L	XL	Tolerance (inches)
Relaxed waist	11-1/2	12-1/2	13-1/2	14-1/2	15-1/2	+ 1/2 - 1/2
Inseam	28-1/2	29-1/2	30-1/2	31-1/2	32-1/2	+ 1/2 - 1/2
Cuff width	3-1/2	3-1/2	4	4	4-1/2	+ 1/2 - 1/2
Cuff length	3	3	3	3	3	+ 1/2 - 1/2

3.11 Workmanship. The finished drawers shall conform to the quality of product established by this document. The occurrence of defects shall not exceed the applicable acceptable point values.

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 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 the document where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements.

4.1.1 Certificate of compliance. When certificates of compliance are submitted, the Government reserves the right to check test such items to determine the validity of the certification.

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

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

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4.3 First article. When a first article is required (see 6.2), it shall be examined for the defects specified in 4.4.2 and 4.4.3. The presence of any defect shall be cause for rejection of the first article.

4.4 Quality conformance inspection. Unless otherwise specified, sampling for inspection shall be performed 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 requirements of referenced documents unless otherwise excluded, amended, modified, or qualified in this document or applicable purchase document. In addition, testing shall be performed on components listed in table IV for characteristics noted. The methods of testing specified in FED-STD-191 wherever applicable and as listed in table IV shall be followed. All requirements are applicable to the sample unit. All test reports shall contain the individual values used in expressing the final result. The sample unit shall be 3 yards full width of the 1 x 1 rib cloth. The component lot shall be unacceptable if one or more sample units fail to meet any of the test requirements specified. The lot size and sample size shall be in accordance with the following:

<u>Lot size (yards)</u>	<u>Sample size (sample units)</u>
800 or less	2
801 to 22,000 inclusive	3
22,001 and over	5

TABLE IV. Component tests

<u>Component</u>	<u>Characteristic</u>	<u>Requirements paragraph</u>	<u>Test method</u>
1 x 1 Rib	Material identification	3.3.2	1/
Polypropylene cloth	Weight	3.3.2	5041
	Wales and courses	3.3.2	5070
	Infrared	3.3.2.1.5	4.5
	Colorfastness to		
	Laundering (after 3 cycles)	3.3.2.1.2	5610
	Crocking	3.3.2.1.2	5651
	Perspiration	3.3.2.1.2	5680
	pH	3.3.2.1.4	2811
	Dimensional stability	3.3.2.1.6	135 2/

1/ Unless otherwise specified, a certificate of compliance shall be submitted and will be acceptable for the stated requirements.

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2/ AATCC Method 135, Dimensional Changes in Automatic Home Laundering of Durable Press Woven or Knit Fabrics - Machine Wash Condition II (120° ± 50°F) Drying Procedure B (Tumble) except that the drying temperature shall not exceed 120°F.

4.4.2 End item visual examination. The end item shall be examined for the defects listed in table V. The lot size shall be expressed in units of one pair of drawers. The sample unit shall be one pair of drawers. 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.

TABLE V. End item visual defects

Examine	Defect	Classification	
		Major	Minor
Material defects	Any hole, cut, tear, drop stitch, thin place, or mend.	X	
	Slubby yarn (more than twice the size of normal yarn diameter).		X
	Drop ply.	X	
	Tiger stripes, loose knitting, causing sleasiness.		X
	Burrs.	X	
	Uneven, ridgy, or cockled fabric.		X
	Barre		X
Color and shade	Wrong color.	X	
	Color or shade not comparable to standard sample.		X
	Shaded parts clearly visible. <u>1/</u>		X
	Streaks clearly visible. <u>1/</u>		X
Cleanness	Any spots and stains.		X
	Rancid, bad odor.	X	
Seam and stitchings	Any seam twisted, puckered, or pulled.		X
	Needle chew.	X	
	Loose or tight tension resulting in an unsatisfactory seam.	X	
	End of stitching not caught in other seam or stitching, not backstitched or backstitched less than 1/2 inch.	X	
			X

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

Examine	Defect	Classification	
		Major	Minor
Seam and stitchings (cont'd)	Any part of drawers badly pleated, caught or twisted in any unrelated row of stitching.	X	
	Two or more untrimmed ends more than 1 inch in length.		X
	Repair of open seam not as specified.		X
Seam type	Wrong seam type.	X	
Stitch type	Wrong stitch type.	X	
Stitches per inch	Number of stitches per inch exceeding minimum or maximum specified.		X
Open seams (any broken stitch or two or more continuous skipped stitches)	Up to 1/4 inch inclusive.		X
	More than 1/4 inch.	X	
Raw edge	Any raw edge protruding more than 1/4 inch or protruding more than 1/8 inch along 1/2 inch or more of seam.		X
Garment construction	Any operation omitted or other than specified.	X	
Components	Any component part missing, improperly inserted, or other than specified.	X	
Bartack	Missing or not as specified.	X	
Labeling or markings	Missing, misplaced, incorrect, illegible, or not properly stitched.		X

1/ At normal inspection distance (approximately 3 feet).

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4.4.3 End item dimensional examination. The end item shall be examined for conformance to dimensions specified in table III. Any dimension deviating from the specified requirement and tolerance, and legs uneven in length by 1/2 inch or more shall be classified as defects. The lot size shall be expressed in units of one pair of drawers. The sample unit shall be one pair of drawers. 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 inspection. An examination shall be made to determine that the preservation, packing, and marking comply with the section 5 requirements. Defects shall be scored in accordance with the list below. The sample unit shall be one shipping container. The lot size shall be the number of shipping containers in the inspection lot. The inspection level shall be S-2 and the AQL, expressed in terms of defects per hundred units, shall be 2.5.

<u>Examine</u>	<u>Defect</u>
Marking (exterior and interior)	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, inadequate stapling, improper taping. Bulged or distorted container.
Content	Number of drawers per container is more or less than required. Size shown on one or more drawers not as specified on shipping container. <u>1/</u>

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

4.4.5 Palletization examination. An examination shall be made to determine that the palletization complies with the section 5 requirements. Defects shall be scored in accordance with the list below. The sample unit shall be one palletized unit load fully packaged. The lot size shall be the number of palletized unit loads in the inspection lot. The inspection level shall be S-1 and the AQL, expressed in terms of defects per hundred units, shall be 6.5.

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<u>Examine</u>	<u>Defects</u>
Finished dimension	Length, width, or height exceeds specified maximum requirement.
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.

4.5 Methods of inspection.

4.5.1 Infrared reflectance test. Reflectance data shall be obtained from 600 to 900 nanometers (nm) relative to barium sulfate using a spectrophotometer. The spiral band width at 900 nm shall not exceed 50 nm. The specimen shall be illuminated by a diffuse polychromatic source simulating CIR Source A and viewed at an angle near normal to the specimen surface using a minimum of four layers of fabric in the measurement.

5. PACKAGING

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

5.1.1 Level A. Each pair of drawers shall be folded to the maximum dimensions of 15 inches by 11 inches with the waistband on top and at one end, then placed in a close-fitting clear polyethylene bag conforming to 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.

5.1.2 Commercial. Drawers 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. Thirty drawers 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, 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. Level A unit packs shall be packed flat, 2 in length, 1 in width, and 15 in depth. Approximate dimensions of the container are 22 inches in length, 15 inches in

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width, and 17 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 Level B packing. Thirty drawers 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, 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. Level A unit packs shall be packed flat, 2 in length, 1 in width and 15 in depth. Approximate dimensions of the container are 22 inches in length, 15 inches in width, and 17 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. Drawers 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) drawers, packed as specified in 5.2, shall be palletized on a 4-way entry pallet in accordance with load type Ia of MIL-STD-147. Each prepared load shall be bonded with primary and secondary straps in accordance with the bonding means K or L or film bonding means O or P. Pallet patterns shall be number 95 in accordance with the appendix of MIL-STD-147.

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 bag across the center face or on a white paper label inserted within the bag so as to permit ready identification.

6. NOTES

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

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6.2 Ordering data. Acquisition documents should specify the following:

- a. Title, number, and date of this document.
- b. Size required (see 1.2).
- c. When a first article is required. (see 3.2)
- d. Selection of applicable levels of preservation and packing (see 5.1 and 5.2).
- e. When weather-resistant grade fiberboard shipping containers are required for level B packing (see 5.2.2.1).
- f. When palletization is required (see 5.3).

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

6.4 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.

Custodians:

Army - GL
Navy - NU

Preparing activity:

Army - GL
Project No. 8415-0429

Review activities:

Army - MD
Navy - MC
DLA - CT

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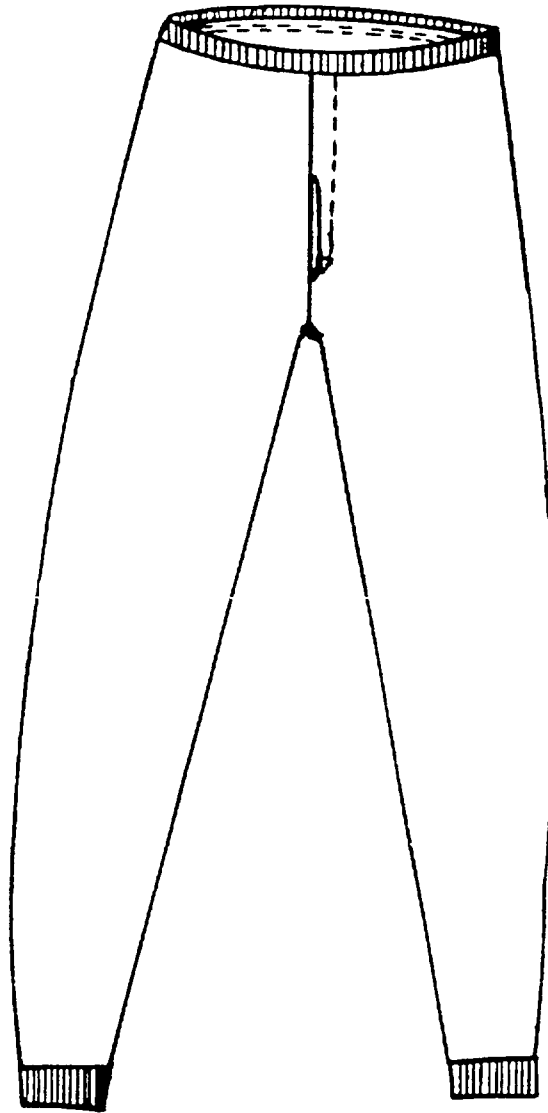


FIG. 1- DRAWERS, COLD WEATHER, POLYPROPYLENE

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.

NOTE: This form may not be used to request copies of documents, nor to request waivers, deviations, or clarification of specification 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.

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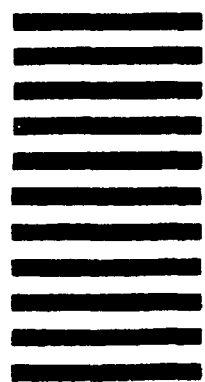


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STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSAL

(See Instructions - Reverse Side)

1. DOCUMENT NUMBER MIL-D-44165		2. DOCUMENT TITLE Drawers, Cold Weather, Polypropylene	
3a. NAME OF SUBMITTING ORGANIZATION		4. TYPE OF ORGANIZATION (Mark one)	
b. ADDRESS (Street, City, State, ZIP Code)		<input type="checkbox"/> VENDOR	
		<input type="checkbox"/> USER	
		<input type="checkbox"/> MANUFACTURER	
		<input type="checkbox"/> OTHER (Specify): _____	
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)	