

INCH-POUND

A-A-55176A

January 23, 2020

SUPERSEDING

A-A-55176

05 March 1993**COMMERCIAL ITEM DESCRIPTION****BAG, LAUNDRY, NYLON**

1. **SCOPE.** This description covers the requirements for one type of laundry bag fabricated from nylon duck material. The bags are intended for use by Naval personnel serving aboard ship for storing bedding, linens and clothing to be laundered.

2. **SALIENT CHARACTERISTICS.** The laundry bag shall be cylindrical in shape with a draw-string closure, and two carry handles, one on the side wall and the other on the bottom of the bag. Handles shall be cut from a piece of nylon cloth 12 inches (30.6 cm) \pm $\frac{1}{4}$ inch (6.4 mm) long by 5 inches (12.7 cm) \pm $\frac{1}{4}$ inch (6.4 mm) wide for one bag handle. Fold piece in half lengthwise turning under raw edges and stitching lengthwise, $\frac{1}{8}$ inch (3.2 mm) \pm $\frac{1}{16}$ inch (1.6 mm) from edge. When handles are attached to the bag the handle free opening shall be 6 inches (15.24 cm) \pm $\frac{1}{2}$ inch (12 mm) square crossbox stitches 1 to 1- $\frac{1}{4}$ inches, located $\frac{1}{4}$ to $\frac{3}{8}$ inches from edges, are to be used to secure the handles to the body & bottom. All other stitches are to either chain or lock stitch, 6 to 8 stitches per inch.

2.1 **Finished dimension.** The finished dimensions for the laundry bag shall be as follows:

- a. Length - 48 inches (121.9 cm) minimum (inclusive of bottom seam).
- b. Bottom diameter - 16 inches (40.6 cm) minimum (exclusive of bottom seam).
- c. Width - 25 inches (63.5 cm) minimum (at top opening with bag laid flat).

2.2 **Figure.** The figure is furnished for information purposes only. To the extent of any inconsistencies between the written commercial item description and the figure, the written commercial item description shall govern.

2.3 **Materials**

2.3.1 **Cloth, nylon.** The nylon cloth shall be natural color, plain weave, 1 up and 1 down and shall conform to the physical requirements and test methods in Table I.

A-A-55176A

TABLE I
Physical requirements and test methods

Characteristics	Requirements	Test methods
Weight, oz. per sq/yd. (max)	7.25	ASTM-D 3776 Option C
Yarns per inch (min)		ASTM-D 3775
Warp	60	
Filling	45	
Yarn ply ^{2/}		Visual
Warp	2	
Filling	2	
Breaking strength, lbs (min)		ASTM-D 5034
Warp	325	
Filling	275	
Tearing strength, lbs (min)		ASTM-D 1424
Warp	20	
Filling	20	
Colorfastness to:		
Light	Good	AATCC 16
Laundering	Good	AATCC 61
Dry cleaning	Good	AATCC 132
Crocking	3.5 (min)	AATCC 8

2/ A single multifilament yarn of equivalent denier may be used.

2.3.1 Grommets. The grommets shall be rolled rim with spur washer, brass with bright finish size 2 or 3. Size 2 grommet, diameter after insertion (inches) shall be .375. Size 3 grommet, diameter after insertion (inches) shall be .438. Attach 8 grommets with washers, each shall be centered on hem and equally spaced round circumference. The grommet washer shall finish on the inside of bag. Holes punched to receive the grommets shall be smaller than the outside diameter barrel and shall be securely clinched without cutting the materials.

2.3.4 Thread. The thread shall be a twisted multiple cord (ply) construction with a bonded or a soft finish size E. The color shall be natural white AG, Cable No. 66049.

2.3.5 Draw-String. The draw-string shall be 1/4 inch (0.6 cm) diameter and 8 ft. (2.44 meters) length (min). The nylon rope shall be seared and knotted at each end, and installed by threading through 8 grommets. The color of draw-string shall be natural white.

2.3.6 Label/markings. The label/markings shall be heat transfer (decalcomania) or direct printing, stamping, or stenciling. The bags shall be marked approximately 3 inches (7.6 cm) below top edges of bags. The printing shall bear the following inscription:

A-A-55176A

BAG, LAUNDRY (100% NYLON)

NAME OF CONTRACTOR:

CONTRACT NO.: DLA-100-00-0-0000 (Example)

STOCK NO.: 8465-00-000-0000 (Example)

2.3.7 Label/Tag. Each item shall be individually bar-coded with the Type VII, Class 17 label/tag of MIL-DTL-32075. This label/tag shall be located so that it is completely visible on the item when it is folded and/or packaged as specified and causes no damage to the item.

2.3.8 Workmanship. The finished bags shall conform to the quality established by this commercial item description.

3. QUALITY ASSURANCE PROVISIONS

3.1 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 right 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. Reliance on contractor QA systems 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.

3.2 Examination. Bag Lots shall be inspected in accordance with "Sampling Procedures and Tables for Inspection by Attributes", ANSI/ASQC Z1.4, published by the American Society for Quality Control.

3.3 Visual Defects. Each bag shall be examined for the defects listed below. Defects: any hole, cut or tear; color not as specified; any part shaded; any spot or stain (outside); raw edges; thread ends not removed or loose tension resulting in loose seams; any material defects, distorted parts or poor workmanship; any component part omitted. Label missing, incorrect, or illegible; measurement of items not as specified. Open seams 1/4 inch or less or more than 1/4 inch; wrong seam or stitch type; two or more stitches less than minimum specified; raw edge more than 1 inch; chain portion of chain stitch on outside of bag; one or more cross box stitch missing, loose or misplaced or not size specified. Handles missing or misplaced, free opening less than 5-1/2 inches (14.0 cm) or more than 6-1/2 inches (16.5 cm). Grommets omitted, malformed, damaged, misplaced, clinched too tight cutting fabric, insecurely attached, not size, style or finish specified. Rope ends not seared or knotted; rope omitted, not as specified, not minimum length 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; markings omitted; item not packaged in accordance with the contract or purchase order.

4. PACKAGING

4.1 Preservation, Packing, and Marking. The preservation, packing, and marking shall be as

A-A-55176A

specified in the contract or purchase order. Preservation and packaging shall be in accordance with ASTM-D-3951 except the exterior container shall contain thirty-six bags. Marking shall be in accordance with MIL-STD-129. MIL-STD-147 is applicable.

5. NOTES

5.1 Regulatory Requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

5.2 Source of Government Documents. Copies of Military and Federal documents are available from: <https://assist.dla.mil>.

5.3 Sources of Nongovernment Documents.

ANSI/ASQC 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.)

ASTM-D 1424 - Tearing strength
ASTM-D 3775 - Yarns per inch
ASTM-D 3776 - Weight
ASTM-D 5034 - Breaking strength

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

AATCC 8 - Colorfastness to Crocking: AATCC Crockmeter Method
AATCC 16 - Colorfastness to Light
AATCC 61 - Colorfastness to Laundering, Home, and Commercial: Accelerated
AATCC 132 - Colorfastness to Dry-cleaning

(Applications for copies should be addressed to American Association of Textile Chemists and Colorists (AATCC), P.O. Box 12215, Triangle Park, NC 27709-2215)

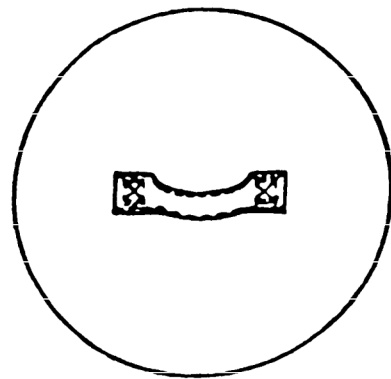
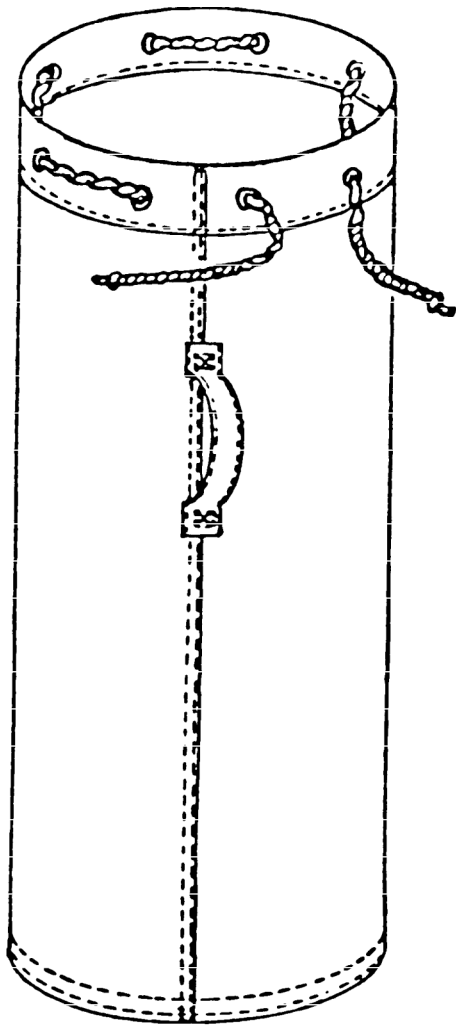
MILITARY INTERESTS:

Custodian:
Navy - SA

Civil Agency Coordinating Activity:
GSA - FSS

Preparing Activity:
DLA - CT
Project No. 8465-2019-001

A-A-55176A



BOTTOM VIEW

FIGURE 1
Bag, Laundry, Nylon