

INCH-POUND

A-A-55176  
5 March 1993

## COMMERCIAL ITEM DESCRIPTION

## BAG, LAUNDRY, NYLON

The General Services Administration has authorized the use of this Commercial Item Description in preference to MIL-B-21332.

Abstract. 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.

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)  $\pm$  1/4 inch (6.4 mm) long by 5 inches (12.7 cm)  $\pm$  1/4 inch (6.4 mm) wide for one bag handle. Fold piece in half lengthwise turning under raw edges and stitching lengthwise, 1/8 inch (3.2 mm)  $\pm$  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)  $\pm$  1/2 inch (12 mm).

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 Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

AMSC N/A

FSC 8465

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

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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).

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.

### Materials

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.

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 <u>2</u> / Warp	2	Visual
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.

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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.

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.

Draw-string. The draw-string shall be 1/4 inch (0.6 cm) diameter nylon rope conforming to MIL-R-17343. The draw-string shall be 8 foot (2.44 meters) length of rope (minimum) that has been seared and knotted at each end and shall be installed by threading through 8 grommets.

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:

BAG, LAUNDRY (100% NYLON)  
NAME OF CONTRACTOR:  
CONTRACT NO.: DLA-100-00-0-0000 (Example)  
STOCK NO.: 8465-00-000-0000 (Example)

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

Product Demonstration Model. When required, offerers shall submit samples 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.

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## 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 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.

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.

Visual Examination. The bag shall be examined for the defects listed below. The lot size shall be expressed in units of bags. The sample unit is one bag. The inspection level shall be II and the acceptable quality level (AQL), expressed in terms of defects per hundred units, shall be 2.5.

Defects. The bag shall be examined for the following defects: any hole, cut, tear, smash, float, needle chew, mend, burn, drill hole, color not as specified; any spot or stain (outside); thread ends not removed; seams twisted, puckered or pleated; marking missing, incorrect, or illegible; measurement of item not as 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 end not seared or knotted; component missing, open seams, rope omitted, not as specified, not minimum length specified.

Dimensional Examination. The finished bag 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 bag; the inspection level shall be S-3 and the AQL, expressed in terms of defects per hundred units, shall be 2.5.

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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, expressed in terms of defects per hundred units, shall be 2.5.

EXAMINE	DEFECT
Marking (exterior and interior)	Omitted; incorrect; illegible; of improper size, location, 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
Content	Number of items in container is more or less than required  NSN shown on one or more items not as specified on shipping container
Palletization	Length, width, or height exceeds specified maximum requirements  Pallet type not as specified  Load not bonded as specified

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

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

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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

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.)

Sources of Nongovernment Documents - cont..

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)

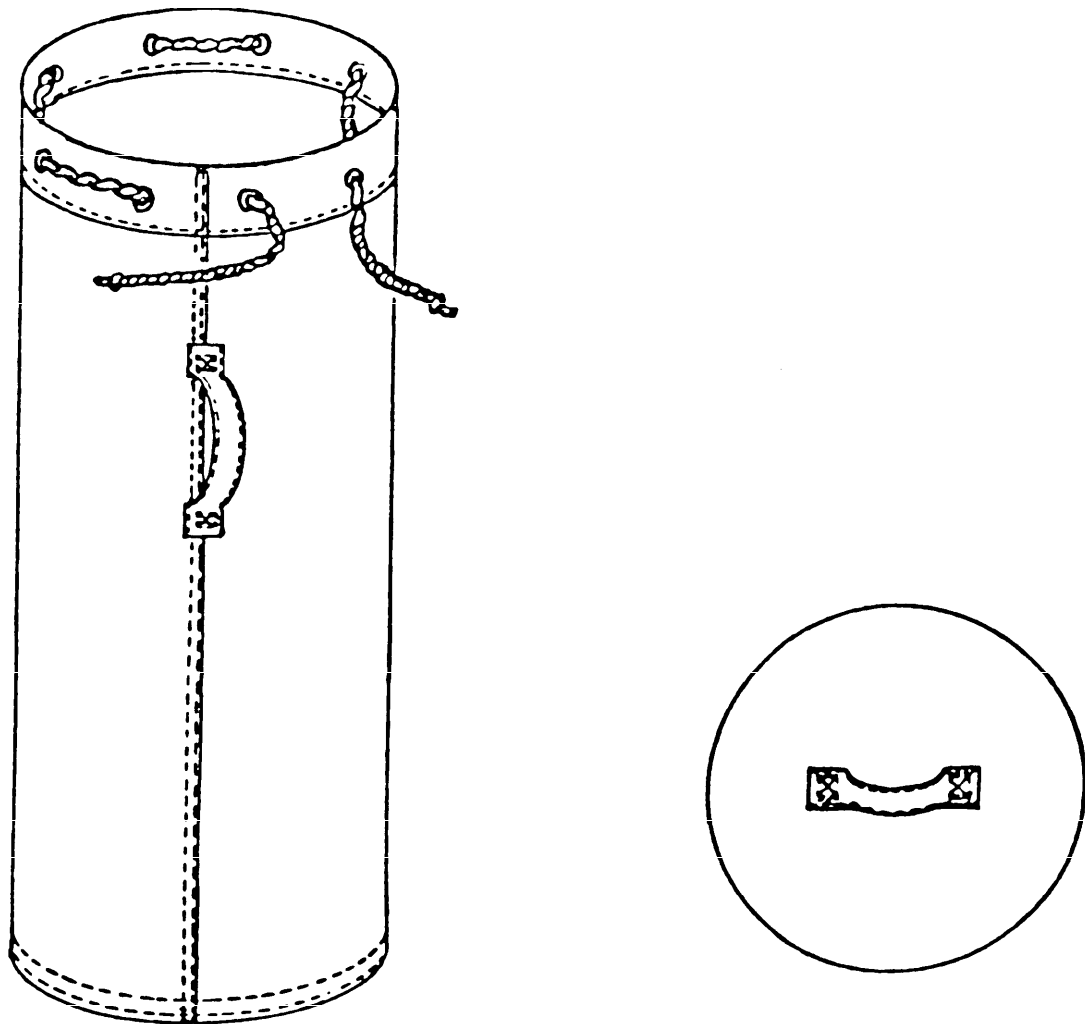
Custodian:  
Navy - SA

Civil Agency Coordinating  
Activity:  
GSA - FSS

Preparing Activity:  
DLA - CT

Project No. 8465-0154

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BOTTOM VIEW

FIGURE 1 - Bag, Laundry, Nylon