

MIL-C-17584(SHIPS)
20 May 1953
~~SUPERSEDING~~
27H4(SHIPS)
15 May 1949

MILITARY SPECIFICATION

CLOTH, HOLLAND

1. SCOPE

1.1 This specification covers holland cloth for use as a backing for rubber gum stock.

2. APPLICABLE SPECIFICATIONS, STANDARDS, DRAWINGS, AND PUBLICATIONS

2.1 The following specifications and standards, of the issue in effect on date of invitation for bids, form a part of this specification:

SPECIFICATIONS

FEDERAL

CCC-T-191 - Textile Test Methods.

PPP-P-0051 - Packaging, Packing and Marking of Textiles (Woolens, Worstedes, Cotton, Silk and Synthetic Fabrics).

NAVY DEPARTMENT

General Specifications for Inspection of Material.

STANDARDS

MILITARY

MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes.

MIL-STD-129 - Marking of Shipments.

(Copies of specifications, standards, and drawings required by contractors in connection with specific procurement functions should be obtained from the procuring agency or as directed by the contracting officer.)

2.2 Other publications. - The following publications, of the issue in effect on date of invitation for bids, unless otherwise stated, form a part of this specification:

AMERICAN TRUCKING ASSOCIATION, INC.

Motor Freight Classification Rules.

(Application for copies should be addressed to the Issuing Officer, American Trucking Association, Inc. 1424 16th St. N. W., Washington 6, D. C.)

CONSOLIDATED FREIGHT CLASSIFICATION COMMITTEE

Consolidated Freight Classification - Ratings, Rules and Regulations.

(Application for copies should be addressed to the Consolidated Freight Classification Committee, 202 Chicago Union Station, Chicago 6, Ill.)

3. REQUIREMENTS

3.1 Material. - Material used in the holland cloth shall be as specified herein, and shall be of the quality best suited for the purpose intended.

MIL-C-17564(SHIPS)**3.2 Physical properties.** - Holland cloth shall conform to the following:

Weight, ounces per square yard	4.8 ± 0.2
Threads per inch:	
Warp	74 ± 4
Filling	64 ± 4
Thickness, inch	0.005 ± 0.0005

3.3 Edges. - Holland cloth shall be trimmed on both edges so that no selvage is present.**3.4 Width (trimmed).** - The width shall be as specified (see 6.1).**3.5 Finish.** - Holland cloth shall be impregnated with starch or similar material so that the surfaces are smooth.**3.6 Defects.** - Holland cloth shall not bag in the center, shall not have loose or wavy edges, and shall not be wrinkled.**3.7 Splices.** - Splices shall be not more than 4 inches wide, and shall be strong enough to resist pulling apart at any point.**3.8 Rolls.** - Holland cloth shall be furnished in rolls. Each roll shall contain not more than 3 splices, and no piece shall be less than 15 yards in length.**3.9 Workmanship.** - The workmanship shall be first class in every respect. Holland cloth shall be free from all imperfections affecting the appearance or which may affect the serviceability.**4. SAMPLING, INSPECTION, AND TEST PROCEDURES****4.1 Sampling for lot acceptance.** -**4.1.1 Inspection lot.** - All rolls of holland cloth presented at one time shall be considered a lot for purposes of acceptance inspection and tests.**4.1.2 Sampling for inspection.** - A random sample of rolls of holland cloth shall be selected from each inspection lot by the Government inspector in accordance with table I and from the sampled rolls the Government inspector shall visually and dimensionally inspect the number of yards of cloth indicated in table I for determination of lot acceptance in accordance with the sampling inspection requirements of Standard MIL-STD-105.

Table I - Sampling for visual and dimensional inspection
AQL (approx.) = 2.5 percent defective.

Number of yards of cloth in inspection lot	Number of rolls to be sampled	Total number of yards from sampled rolls	Acceptance number	Rejection number
110 and under	1	15	1	2
111 to 300	2	25	1	2
301 to 500	3	35	2	3
501 to 800	4	50	3	4
801 to 1300	5	75	4	5
1301 to 3200	7	110	6	7
3201 and over	10	150	8	9

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4.1.3 Sampling for tests. - The Government Inspector shall select sample specimens, 1 yard by the full width of the fabric, from the number of rolls specified in table II for the various tests specified in 4.3.

Table II - Sampling for tests.

Number of rolls of cloth in inspection lot	Number of sample specimens for tests
8 and under	2
9 to 15	3
16 to 40	4
41 and over	5

4.2 Inspection. - Each of the sample rolls selected in accordance with table I shall be unrolled. From the sampled rolls the required number of yards of cloth as specified in table I shall be subjected to a visual and dimensional inspection by the Government Inspector to determine conformance with this specification. If the number of defective yards in the total sample number of yards inspected exceeds the acceptance number for that sample, the lot represented by the sample shall be rejected. A rejected lot may be resubmitted for Government inspection provided the contractor, after having been informed of the reasons for rejection, has inspected each roll in the lot for the deficiency noted and has removed or replaced all nonconforming pieces of fabric.

4.3 Test procedures. - The holland cloth shall be tested by the methods specified in table III.

Table III - Test procedures.

Test	Method	Specification
Weight	5040	CCC-T-191
Yards per inch	5050	CCC-T-191
Width	5660	CCC-T-191

4.4 Inspection procedures. - For Naval purchases, the general inspection procedures shall be in accordance with General Specifications for Inspection of Material.

5. PREPARATION FOR DELIVERY

5.1 Packaging and packing. -

5.1.1 For domestic shipment and storage and overseas shipment. - The holland cloth shall be packaged and packed in accordance with Specification PPP-P-0051.

5.2 Marking. - In addition to any special marking required by the contract or order, unit packages and shipping containers shall be marked in accordance with Standard MIL-STD-129 and Specification PPP-P-0051.

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6. NOTES

6.1 Ordering data. - Procurement documents should specify the following:

- (a) Title, number, and date of this specification.
- (b) Width of holland-cloth required (see 3.4).
- (c) Whether for domestic shipment; domestic shipment and storage; or overseas shipment (see 5.1).

Notice. - When Government drawings, specifications, or other data are used for any purpose other than in connection with a definitely related Government procurement operation, the United States Government thereby incurs no responsibility nor any obligation whatsoever; and the fact that the Government may have formulated, furnished, or in any way supplied the said drawings, specifications, or other data is not to be regarded by implication or otherwise as in any manner licensing the holder or any other person or corporation, or conveying any rights or permission to manufacture, use, or sell any patented invention that may in any way be related thereto.

Custodian:
Bureau of Ships

SPECIFICATION ANALYSIS SHEET		Form Approved Budget Bureau No. 119-R004
<p style="text-align: center;">INSTRUCTIONS</p> <p>This sheet is to be filled out by personnel either Government or contractor, involved in the use of the specification in procurement of products for ultimate use by the Department of Defense. This sheet is provided for obtaining information on the use of this specification which will insure that suitable products can be procured with a minimum amount of delay and at the least cost. Comments and the return of this form will be appreciated. Fold on lines on reverse side, staple in corner, and send to preparing activity (as indicated on reverse hereof).</p>		
SPECIFICATION		
ORGANIZATION (of submitter)		CITY AND STATE
CONTRACT NO.	QUANTITY OF ITEMS PROCURED	DOLLAR AMOUNT \$
MATERIAL PROCURED UNDER A		
<input type="checkbox"/> DIRECT GOVERNMENT CONTRACT <input type="checkbox"/> SUBCONTRACT		
1. HAS ANY PART OF THE SPECIFICATION CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE? A. GIVE PARAGRAPH NUMBER AND WORDING		
B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES.		
2. COMMENTS ON ANY SPECIFICATION REQUIREMENT CONSIDERED TOO RIGID		
3. IS THE SPECIFICATION RESTRICTIVE? <input type="checkbox"/> YES <input type="checkbox"/> NO IF "YES", IN WHAT WAY?		
4. REMARKS (Attach any pertinent data which may be of use in improving this specification. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity)		
SUBMITTED BY (Printed or typed name and activity)		DATE

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