

INCH-POUND

A-A-50198A
June 21, 2000

Superseding
A-A-50198
June 30, 1989

COMMERCIAL ITEM DESCRIPTION

THREAD, GIMP, COTTON, BUTTONHOLE

The General Services Administration has authorized the use of this commercial item description in preference to Federal Specification V-T-280.

1 SCOPE. This document covers thread intended for use as the reinforcing cord for eyelet-end buttonholes.

2. CLASSIFICATION The thread shall be in the following types.

2.1 Type.

Soft Finish - The thread shall have no consistency or luster not inherent to the cotton fiber.

Glazed Finish - The thread shall be polished and lustrous, with a smooth surface having no protruding fibers.

3 SALIENT CHARACTERISTICS

3.1 General description. The thread shall be made from cotton and shall have a soft or a glazed finish as specified in the applicable end item specification or procurement document. The direction of the final twist shall be "S", unless otherwise specified. The thread shall have an average of not more than one thread knot or splice per 500 yards.

Beneficial comments (recommendations, additions, deletions) and any pertinent data which may be of use in improving this document should be addressed to: Defense Supply Center Philadelphia, Clothing and Textiles Directorate, Attn.: DSCP-COCT, 700 Robbins Ave., Philadelphia PA., 19111-5092.

AMSC N/A

FSC 8310

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

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3.2 Physical requirements of thread. The thread shall conform to the physical requirements specified in Table I.

TABLE I Physical requirements

| Tex | Breaking Strength lbs. min | Test Method |
|--------|----------------------------|-------------------------|
| Soft | | |
| 210 | 6.5 | ASTM-D-204 <u>1/ 2/</u> |
| 270 | 9.0 | ASTM-D-204 <u>1/ 2/</u> |
| 350 | 11.3 | ASTM-D-204 <u>1/ 2/</u> |
| Glazed | | |
| 180 | 6.8 | ASTM-D-204 <u>1/ 2/</u> |
| 210 | 6.8 | ASTM-D-204 <u>1/ 2/</u> |
| 300 | 9.4 | ASTM-D-204 <u>1/ 2/</u> |
| 350 | 11.8 | ASTM-D-204 <u>1/ 2/</u> |

1/ Testing speed shall be 12 ± 0.5 in./min., and a 10 inch gauge length shall be used.

2/ Five determinations per sample unit.

3.3 Color. The color shall be as specified in the applicable end item specification or in the contract order, or will be a good (good is defined as a perceptible not appreciable difference in color) match to the base cloth of the end item. The color of the thread may be an acceptable commercial component if it is not matched to the base cloth of the end item.

3.4 Colorfastness. The colorfastness of dyed finished thread shall be as specified in the applicable end item specification or as set forth in the contract except that when requirements are not stated or referenced to a standard sample for colorfastness, the thread shall be in accordance with commercial practices. When a standard is referenced, the thread shall be “equal to or better than the standard sample” for the specified requirement.

3.5 Finishing materials. No chemical finishes or treatments shall be applied for the purpose of increasing the breaking strength. The finished thread shall have no chemical finishes or treatments other than those commonly used on commercial threads which have been demonstrated to have no deleterious effects on the cotton fiber, including effects in prolonged storage. The soft thread have a soft or natural finish having no consistency or luster other than that inherent to the cotton material. The glazed thread shall be glazed and lustrous with a smooth surface having no protruding fibers.

3.6 Put-up. Unless otherwise specified, the thread shall be put—up on holders such as commercial spools, cones, or tubes as specified in the contract. The thread shall be wound around the specified holder in one continuous piece, so that each turn and layer is free of entanglement. The outside ending of the thread shall be secured to prevent unwinding, loosening or slippage during handling, shipping or storage.

3.7 Labeling. Each holder shall have a label, adhered securely so as to remain in place and be clearly legible until all thread has been removed. The label shall be printed and include information related to length in yards, direction of twist, color, Tex, size, name of thread manufacturer, and nomenclature specifying either soft or glazed

4. REGULATORY REQUIREMENTS.

4.1 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible in accordance with paragraph 23.403 of the Federal Acquisition Regulation Act (FAR), provided that the material meets or exceeds the operational and maintenance requirements and promotes economically advantageous life cycle costs.

5. QUALITY ASSURANCE PROVISIONS

5.1 Product conformance. The products provided shall meet the salient characteristics of this commercial item description and conform to the producer's own drawings, specifications, standards and quality assurance practices. The Government reserves the right to require proof of such conformance.

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

6. NOTES

6.1 Sources of Nongovernment Documents.

AMERICAN SOCIETY FOR TESTING AND MATERIALS

ASTM -D-204 - Tensile Properties of Yarns by the Single Strand Method.

(Applications for copies should be addressed to the American Society for Testing and Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19426-2959.)

THE COLOR ASSOCIATION OF THE UNITED STATES, INC.

Standard Color Card of America

(Color cards are available from The color association of the United States. 589 Eight Avenue, 12th floor, New York, NY 10018. The web site is www.colorassociation.com)

(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)

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6.2 Ordering data.

- a. Title, number, and date of this document.
- b. Type (Soft or Glazed) and size of thread required (see 2.1).
- c. Color required (see 3.3).

6.3 Replacement data The types and classes of cotton gimp thread covered by this commercial item description replace the items covered by A-A-50198A as indicated below:

A-A-50198A

A-A-50198B

Type I

Soft Finish

Type II

Glazed Finish

MILITARY INTERESTS:

Custodians:

Army – GL
Navy – NU
Air Force — 11

CIVIL AGENCY COORDINATING ACTIVITY:

GSA-FSS
HHS-NIH
VA-OSS

Review Activities:

Army - MD
Navy - MC
Air Force — 82, 99

PREPARING ACTIVITY:

DLA-CT
(Project 8310-0214)