

METRIC

A-A-59840

29 October 2009

COMMERCIAL ITEM DESCRIPTION

WEBBING, MOUNTAINEERING

This commercial item description is approved for use by the Defense Supply Center, Philadelphia and is available for use by all Departments and Agencies of the Department of Defense.

1. SCOPE. This commercial item description covers the requirements for mountaineering webbing and sewn slings which are generally used to connect rock and ice protection to the climber's rope for safety.

2. CLASSIFICATION. The webbing will be furnished in the following types and sizes:

2.1 Types

Type I – Sewn Sling

Type II – Webbing, Textile, 1- inch

Type III – Sewn Sling, Load Limiting

2.2 Sizing. The webbing Type I will be available in three sizes as described in Table I. Types II and Types III will be available in one size only.

3. SALIENT CHARACTERISTICS. The sewn sling shall be as light-weight as possible, while meeting the standards described in 3.1.1, 3.1.2 and 3.1.3 and the physical characteristics of Table I.

Comments, suggestions, or questions on this document should be addressed to: Defense Supply Center Philadelphia, Clothing and Textiles Directorate, Attn: DSCP Standardization Team, 700 Robbins Avenue, Philadelphia, PA 19111-5096. Since contact information can change, you may want to verify the currency of this address information using Acquisition Streamlining and Standardization Information System (ASSIST) online database at http://assist.daps.dla.mil/ .

AMSC N/A

FSC 8305

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TABLE I. Physical characteristics (Types I and Type III)

Type & Size	Length, cm	Width, mm
Type I – Size I	30	18
Type I – Size II	60	18
Type I – Size III	120	18
Type III	228	25

3.1 Types.

3.1.1 Type I. The Type I sewn sling shall be constructed of nylon and conform to the dimensions of Table II and the requirements in drawing 3-3-0132. All ends of the sewn sling shall be cut with a hot knife to prevent fraying. The sewn sling design shall provide ease of use with typical combat gloves while meeting the standards in this description.

3.1.2 Type II. The Type II webbing shall be nylon and conform to MIL-W-5625, 1-inch (see 7.3) and the requirements of drawing 3-3-0140. The color shall be a good match to Foliage Green 502/504.

3.1.3 Type III. The Type III sewn sling shall be constructed of nylon and conform to the dimensions of Table I and the requirements in drawing 3-3-0130. All ends of the sewn sling shall be cut with a hot knife to prevent fraying. The sewn sling design shall provide ease of use with typical combat gloves. The sewn sling shall be of an energy absorbing design. It shall be designed to begin extending after 2 kiloNewtons of force is placed on it. Energy absorption shall be accomplished during the extension of the webbing and tearing of internal stitching not integral to the overall strength of the sewn sling. The sewn sling shall have fixed clip in points at the top and bottom that will fit any typical carabiner in accordance with A-A-59836.

3.2 Color (Types I and Types III only). The sewn slings shall provide low contrast with typical use terrain and be a good match to the colors in Table II.

TABLE II. Color for sewn slings (Types I and Type III)

Type	Size	Color
I	I	Desert Sand 500/503
I	II	Gray 26270
I	III	Foliage Green 502/504
III	N/A	Foliage Green 502/504

3.3 End Item Testing. The webbing shall meet the following standards for the International Mountaineering and Climbing Federation Union Internationale des Associations d'Alpinisme - (UIAA) as listed below in Table III.

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TABLE III. End item testing (All Types)

Types	UIAA Standard
Type I	104
Type II	103
Type III	104

3.4 Labels Each webbing for all types shall have identification label (Class 1) a size label (Class 2) and instruction label (Class 3) or a combination size, identification and instruction label (Class 14) conforming to Type VI of MIL-DTL-32075. The color of the labels shall be white. Size and instruction information details will be in accordance with Union Internationale des Associations d'Alpinisme (UIAA) standards 103 and 104. The following identification information shall be included in the printing for the labels for the webbing.

WEBBING, MOUNTAINEERING

TYPE (I, II, or III)

NSN: 8465-00-268-2455

3.5 Workmanship. The finished webbing (all types), mountaineering shall conform to the quality of product established by this document. The occurrence of defects shall not exceed the contractors own quality assurance standards and the quality assurance standards defined in the technical data in the solicitation and/or contract.

3.6 Service life. The webbing and sewn slings shall have no unexpected material or component failures during a continuous one-year cycle. The webbing sewn slings shall have no unexpected material or component failures during periodic use over a five year period.

3.7 Labels/barcoding/instruction slip. If applicable, all labeling, barcoding and instruction slip requirements shall be as specified in the solicitation or contract (see 7.2).

4. REGULATORY REQUIREMENTS. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR).

4.1 Recycled, recovered, or environmentally preferable materials. Recycled, recovered, or environmentally preferable materials should be used to the maximum extent possible, provided that the material meets or exceeds the operational and maintenance requirements and promotes economically advantageous life cycle costs.

5. PRODUCT CONFORMANCE PROVISIONS.

5.1 Product conformance. The products provided shall meet the salient characteristics of this commercial item description, conform to the producer's own drawings, specifications, standards,

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and quality assurance practices, and be the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance.

5.2 Visual examination. Each webbing shall be examined for the following defects as listed in Table IV.

TABLE IV. End item examination

Examine	Defect Description
Finish	Not smooth and adherent
	Not low reflectance matte finish
	Does not provide low contrast with typical use terrain
Color	Not as specified
Size	Not as specified
Labels/barcoding/instruction slip (if applicable)	Incorrect, illegible, omitted or misplaced
Marking	Omitted, missing information or illegible

5.3 Acceptance criteria. Acceptance criteria shall be as specified in the contract or purchase order (see 7.2).

6. PACKAGING.

6.1 Preservation, packing and marking. The preservation, packing and marking shall be as specified in the contract or order (see 7.2).

7. NOTES.

7.1 Sources of documents.

7.1.1 Government documents. Copies of Government documents are available online at <http://assist.daps.dla.mil/quicksearch/> or from the Standardization Documents Order Desk, Building 4D, 700 Robbins Avenue, Philadelphia, PA 19111-5094.

DRAWINGS

U.S. ARMY NATICK SOLDIER CENTER

- 3-3-0132 Webbing, Mountaineering, Type I
- 3-3-0140 Webbing, Mountaineering, Type II
- 3-3-0130 Webbing, Mountaineering, Type III

(Copies of drawings are available from the U.S. Army Natick Research Development and Engineering Center, Natick Soldier Center, ATTN: NSRDEC-RDNS-WPW-C, Natick, MA 01760)

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7.1.2 Federal Acquisition Regulations are available online at <http://acquisition.gov/far/index.html> or by contacting the Superintendent of Documents at 202-512-1800.

7.1.3 Non-Government documents. Non-Government standards and other publications are normally available from the organizations that prepare or distribute the documents. These documents may be available in or through libraries or other informational services.

INTERNATIONAL MOUNTAINEERING AND CLIMBING FEDERATION
UNION INTERNATIONALE DES ASSOCIATIONS D'ALPINISME (UIAA)

UIAA Safety Standard 103 Mountaineering and Climbing Equipment, Tape
UIAA Safety Standard 104 Mountaineering and Climbing Equipment, Slings

(Copies are available online at <http://www.theuiaa.org> or from the Union Internationale Des Associations D'Alpinisme (UIAA) Monbijoustrasse 61 Postfach CH-3000 Bern 23 Switzerland)

7.2 Ordering data. The contract or order should specify the following:

- a. Title, number, and date of this Commercial Item Description.
- b. Type, size and color required (see 2.1, 2.2 and 3.2).
- c. When required, labeling, barcoding, and instruction slip (see 3.7)
- d. Acceptance criteria (see 5.3).
- e. Packaging (see 6.1).

7.2 National stock numbers (NSN):

Webbing Textile Nylon 1-inch: NSN 8305-00-268-2455

MILITARY INTERESTS:

CIVIL AGENCY COORDINATING ACTIVITY:
GSA-FSS

Custodian:

Army-GL
Marine Corp-MC

PREPARING ACTIVITY:
DLA-CT

Project 8305-2009-004

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using ASSIST Online database at <http://assist.daps.dla.mil/>