

INCH-POUND**A-A-50118B****October 10, 2000****SUPERSEDING****A-A-50118A****February 21, 1990****COMMERCIAL ITEM DESCRIPTION****STRAPS, CRAMPONS**

The General Services Administration has authorized the use of this Commercial Item Description for all Federal agencies.

1. **SCOPE.** This commercial item description covers the requirements for the crampon straps, which are intended to keep the crampon firmly affixed to the soldier's footwear.

2. **CLASSIFICATION.** The crampon straps shall be of one type and size.

3. **SALIENT CHARACTERISTICS.**

3.1 **Design and construction.** The crampon straps when used with A-A-50117; Crampons, Hinged, shall be neoprene coated nylon webbing with brass center bar buckles, copper or brass rivets, and corrosive resisting steel or brass slide buckles. The buckle frame shall have a minimum breaking strength of 350 pounds when tested as specified in paragraph 3.2. The strap widths shall be $\frac{1}{2} \pm 0.008$ inch. Straps for one pair of crampons shall consist of the following pieces:

<u>Quantity</u>	<u>Description</u>
2	Center bar buckles riveted to a strap 5 +1, -0 inches in length as measured from the center of the center bar buckle to the tip of the strap.
2	Center bar buckles riveted to a strap 7 +1, -0 inches in length as measured from the center of the center bar buckle to the tip of the strap.

<p>Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any data which may improve this document should be sent to: Defense Personnel Support Center, Clothing and Textiles Directorate, Attn: DSCP-COET, 700 Robbins Ave, Philadelphia, PA 19111-5096.</p>
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<u>Quantity</u>	<u>Description</u>
4	Straps 36 +1, -0 inches in length with 12 holes no larger than 1/8 inch and large enough to be compatible with the center bar buckles. The holes shall start within 1 ¼ to 1 ¾ inches from the end of the straps and be evenly spaced a distance of 5 ½ ± 3/16 inches from the first hole.
8	Slide buckles with an inside width of 5/8 ± 1/16 inch.

The crampon straps shall also be furnished with assembly and lacing instructions.

3.2 Testing. Randomly select two sets of crampon straps from the end item lot and test each of the buckles for breaking strength by placing a loop of the strap material around each end of the buckle, fastening the loops in the jaws of a tensile testing machine with a capacity greater than 700 pounds and pulling the entire assembly. The jaws of the tensile testing machine shall be set at a separation of 5 inches and shall separate at a rate of 0.5 inches per minute. Failure of the buckle at a strength less than 350 pounds constitutes failure of the test. Crampon straps shall be compatible with A-A-50117; Crampons, Hinged. Any failure shall be cause for rejection of the end item lot from which the sample was selected.

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).

5. **QUALITY ASSURANCE 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, and quality assurance practices, and to be the same product offered for sale in the commercial market. The government reserves the right to require proof of such conformance.

5.2 Visual examination. Each item shall be examined for the defects listed below.

Defects. Finish not smooth and adherent; not free of burrs, rough spots, sharp edges, slivers, flat areas or projections; any component missing or not specified type; any component fractured, split, dented, bowed, malformed, damaged or loose; rivets not properly peened; nylon webbing has cuts and/or nicks; not compatible with A-A-50117; Crampons, Hinged; markings in wrong location, incomplete, illegible, or not as specified.

5.3 Dimensional examination. The crampon straps shall be examined without damaging or disassembling the item. Any dimension not within the specified tolerances shall be classified as a defect. The lot size shall be expressed in units of straps. The sample unit shall be one set of straps.

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5.4 Acceptance criteria. Acceptance criteria shall be as specified in the contract or purchase order.

6. PACKAGING.

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

7. NOTES

7.1 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

7.2 Ordering data. Acquisition documents should specify the following:

- a. Title, number, and date of this document.
- b. Type required (see paragraph 2)

7.3 Sources of products known to meet this CID. Below is only a sampling of known suppliers and not an all-inclusive list. Similar items may be considered acceptable.

1. Adventure Tech, Inc
4124 N. Burns Road
Spokane, WA 99216

2. Climb High
1861 Shelburne Road
Shelburne, Vermont 05482

3. REI (Recreational Equipment Incorporated)
www.rei.com
Sumner, WA 98352

MILITARY INTERESTS:

Custodians
Army – GL
Air Force – 11
Navy - NU

Review Activities
Navy – MC

CIVIL AGENCY COORDINATING ACTIVITY
GSA - FSS

PREPARING ACTIVITY:
DLA-CT

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