

INCH-POUND

A-A-59850

November 30, 2009

## COMMERCIAL ITEM DESCRIPTION

## LADDER, ESCAPE

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 escape ladders which are used to assist personnel moving up steep rock, snow and ice.
2. CLASSIFICATION. The escape ladder will be furnished in one type and size.
3. SALIENT CHARACTERISTICS. The escape ladder design shall provide ease of use with typical combat gloves and shall be as lightweight as possible while meeting the standards described in the description. The flexible ladder shall be provided with attachment points at the top and bottom of each ladder. The attachment points shall be compatible with all Carabiners in A-A-59836. The ladder rungs shall be a rigid step design with a non-slip surface. The ladder shall include a means to provide standoff at the top and bottom of the ladder to ease movement. The wire sides shall ease storage by allowing the ladder to roll up for storage.

### 3.1 Physical requirements.

3.1.1 Physical characteristics. The escape ladder shall conform to the sizes and characteristics as specified in Table I.

TABLE I. Physical characteristics

Weight kg/foot	Tensile Strength kiloNewtons	Length feet	Width of Rungs inches	Distance between Rungs centimeters
0.04	5.88	30	6 ( $\pm 0.5$ )	30

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/>.

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3.2 Color. The escape ladder shall be provided in a low reflectance, matte finish and provide low contrast with typical use terrain unless otherwise specified in the solicitation or contract order.

3.3 Materials.

3.3.1 Basic material ( All types). The escape ladder shall be constructed of stainless steel.

3.4 End item testing. The escape ladder shall have a minimum tensile strength of 5.88 kiloNewtons.

3.5 Workmanship. The finished escape ladder 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 escape ladder shall have no unexpected material or component failures during a continuous one-year cycle. The ladder 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, 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. The escape ladder shall be examined for the following defects as listed in Table II.

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TABLE II. 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
Construction	Not free of burrs, rough spots, slivers, flat areas or projections
	Any component missing or not specified type
	Any component fractured, slit, punctured, dented, bowed, malformed or damaged.
	Marking etched or indented, contains rough or sharp edges
	Any component loose
Steps	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

3-3-0104	Carabiner, Type D
3-3-0105	Carabiner, Type X
3-3-0106	Carabiner, Type H (1)
3-3-0107	Carabiner, H (2)

(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.

7.2 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 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).

7.3 Key words.

Ascending  
Ascent, wire  
Climbing

MILITARY INTERESTS:

CIVIL AGENCY COORDINATION ACTIVITY:  
GSA – FSS

Custodian:  
Army - GL  
Marine Corps – MC

PREPARING ACTIVITY:  
DLA-CT

Project 4240-2010-005

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