

METRIC

A-A-59859

11 January, 2010

COMMERCIAL ITEM DESCRIPTION

ROPE CUTTER, ELECTRIC

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 an electric rope cutter which is used to cut and seal the ends of a rope.
2. **CLASSIFICATION.** The rope cutter will be furnished in one type and size.
3. **SALIENT CHARACTERISTICS.** The rope cutter shall use an electrically heated blade to cut rope and simultaneously seal both cut ends. The rope cutter shall be the bench mountable type. The rope cutter shall operate on 120 volts A.C. The rope cutter shall have an on/off switch and a light that shall indicate when the unit is on. The rope cutter shall be capable of cutting and sealing up to 11 millimeters nylon/polyester rope kernmantle (A-A-59835) in one easy movement. The rope cutter shall provide ease of use with typical combat gloves and be as lightweight as possible, while meeting the standards in this description. The rope cutter blade shall be easily removable for replacement. The rope cutter shall come with one replacement blade (two blades total).
 - 3.1 **Testing.** The cutter shall be Underwriter's Laboratory (UL) 499 certified.
 - 3.2 **Workmanship.** The finished rope cutter 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.

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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3.3 Service life. The rope cutter shall have no unexpected material or component failures during a continuous one-year cycle. The rope cutter shall have no unexpected material or component failures during periodic use over a five year period.

3.4 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).

3.4.1 Labels. Each rope cutter electric shall have identification label Class 5 conforming to Type VI of MIL-DTL-32075. The color of the label shall be white. The following information shall be included in the printing for the identification label for the rope cutter.

ROPE CUTTER, ELECTRIC
NSN: XXXX-XX-XXX-XXXX

The following instruction information shall be supplied:

- a. the name or trademark of the manufacturer, importer or supplier
- b. the meaning of any markings on the product
- c. the use of the product
- d. how to choose other components for use in the system
- e. how to maintain and service the product
- f. the lifespan of the product or how to assess it
- g. the effects of chemical reagents and temperature on the product
- h. the effects of storage and aging
- i. identification of the model, if more than one model is available

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. Each rope cutter shall be examined for the following defects as listed in Table I.

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TABLE I. End item examination

Examine	Defect Description
Finish	Not smooth and adherent
Construction	Any component missing or not specified type
	Any component fractured, slit, punctured, dented, bowed, malformed, loose or damaged
Certification	Does not meet section 3 requirements
Label, barcoding and instruction slip (if applicable)	Incorrect, illegible, omitted or misplaced

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

3-3-0159 Rope Cutter, Electric

(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).

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.

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UNDERWRITER'S LABORATORY

UL 499 Electrical Heating Appliances

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

- a. Title, number, and date of this Commercial Item Description.
- b. Type and size required (see 2).
- c. When required, labeling, barcoding, and instruction slip (see 3.4)
- d. Acceptance criteria (see 5.3).
- e. Packaging (see 6.1).

7.3 Key words.

Blade
Hot knife

MILITARY INTERESTS:

CIVIL AGENCY COORDINATION ACTIVITY:
GSA – FSS

Custodian:
Army - GL
Marine Corps – MC

PREPARING ACTIVITY:
DLA-CT

Project 5130-2010-001

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/>.