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SUPERSEDING  
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The following commercial specification is originally adopted from the military document. Revision A includes all known accepted revisions, amendments, notices, and Department of Defense (DoD) engineering changes previously developed for this item. Revisions B and forward include changes adopted by DoD and industry to reflect technology and design evolution.

Note: Although many military quality and inspection specifications, drawings and standards have been discontinued or deleted, most have been replaced by industry and commercial documents. When the specification refers to a discontinued or deleted document, you should refer to the procurement document or your contracting officer for guidance.

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## **MILITARY SPECIFICATION**

### **TAPE, PRESSURE SENSITIVE, FOR MENDING NYLON PARACHUTE CANOPIES**

#### **1. SCOPE**

1.1 Scope. This document covers one type of mending tape for repairing small tears in nylon cargo parachute canopies. The tape is rip-stop nylon fabric, coated on one side with pressure sensitive adhesive which is protected with a removable liner.

#### **2. APPLICABLE DOCUMENTS**

2.1 Government documents. Unless otherwise specified, the following documents of the issue in effect on date of invitation for bids or request for proposal form a part of this document to the extent specified herein.

#### **SPECIFICATIONS**

##### **FEDERAL**

PPP-B-601 Boxes, Wood, Cleated - Plywood  
 PPP-B-636 Boxes, Shipping, Fiberboard

##### **MILITARY**

MIL-C-7020 Cloth, Parachute, Nylon

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## STANDARDS

### FEDERAL

#### FED-STD-191 Textile Test Methods

### MILITARY

MIL-STD-105 - Sampling Procedures and Tables for Inspection by Attributes MTL-STD-129 - Marking for Shipment and Storage

MIL-STD-147 - Palletized Unit Loads

(Copies of documents required by manufacturers in connection with specific acquisition functions should be obtained from the contracting activity or as directed by the contracting officer.)

2.2 Other publications. Unless otherwise specified, the following documents of the Issue in effect on date of invitation for bids or request for proposal form a part of this document to the extent specified herein.

### AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

D 3611 - Accelerated Aging of Pressure - Sensitive Tapes

D 3951 - Standard Practice for Commercial Packaging

(Application for copies should be addressed to the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.)

(Technical society and technical association documents are generally available for reference from libraries. They are also distributed among technical groups and using Federal agencies.)

2.3 Order of precedence. In the event of a conflict between the text of this document and the references cited herein the text of this document shall take precedence.

## 3. REQUIREMENTS

### 3.1 Materials.

3.1.1 Cloth. The base cloth for the tape backing shall be made of polyamide multi-filament yarns prepared from hexamethylene diamine and adipic acid or Its derivatives. The yarns shall have a melting point of not less than 472°F and shall not be bleached in any manner or process. The cloth shall be of a color suitable for assuring conformance to the color requirement for the tape (see 3.2.1). The cloth shall show good colorfastness to cold water and light.

3.1.1.1 Weave. The rip-stop cloth shall be plain weave, except that it shall have reinforcing ribs in both directions, made by pairing two warp yarns and two filling yarns to weave as one at uniform intervals. There shall be not less than 4.5 repeats of the pattern per inch in both directions.