



**PIA-T-38377**  
**20 May 1999**

**Renamed from**  
**MIL-T-38377A(USAF)**  
**28 September 1978**

The following commercial specification is adopted from the military document referenced without change to the content.

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military quality and inspection specifications, drawings and standards have been discontinued or deleted, most have been replaced by industry and commercial documents.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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## **TAPE, TEXTILE, ARAMID**

The Parachute Industry Association makes this document available for use by Industry and Government organizations that wish to apply this specification to their products.

### **1. SCOPE**

1.1 **Scope.** This specification establishes requirements for three types of aromatic polyamide tape (ribbon).

1.2 **Classification.** The tape shall be of the following types, as specified (see 6.2).

Type I - Breaking strength, 300 pounds.

Type II - Breaking strength, 1,000 pounds.

Type III - Breaking strength, 3,000 pounds.

### **2. APPLICABLE DOCUMENTS**

2.1 **Issues of documents.** The following documents of the issue in effect on date of invitation for bids or request for proposal form a part of this specification to the extent specified herein.

#### **SPECIFICATIONS**

##### **MILITARY**

MIL-W-43334      Webbing and Tape, Textile, Packaging and Packing Of

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## PIA-T-38377

### STANDARDS

FEDERAL  
FED-STD-191

Textile Test Methods

MILITARY  
MIL-STD-105

Sampling Procedures and Tables for  
Inspection by Attributes

(Copies of specifications and standards required by contractors in connection with specific procurement functions should be obtained from the procuring activity or as directed by the contracting officer.)

2.2 **Other publications** The following documents form a part of this specification to the extent specified herein. Unless otherwise indicated, the issue in effect on date of invitation for bids or request for proposal shall apply.

### FEDERAL TRADE COMMISSION

Textile Fiber Products Identification Act, Effective 3 March 1960

(Application for copies should be addressed to the Federal Trade Commission, Washington, D.C. 20580.)

## 3. REQUIREMENTS

3.1 **Yarn**. The yarn shall be a nonmelting, aromatic polyamide. The yarn shall not begin to char at a temperature below 6750F when tested as specified in Table I.

### 3.2 **Weave**.

3.2.1 **Body**. The body weave shall be a conventional 2-up and 2-down right-hand twill.

3.2.2 **Selvage**. Unless otherwise specified, the selvage weave for Type I shall be a double plain weave of a conventional hatband type. Types II and III shall have no additional selvage ends.

3.3 **Color**. The tape shall be Olive Green,

3.4 **Construction and physical properties**. The tape shall conform to the properties specified in Table II.