



PIA-T-38328
20 May 1999

Renamed from
MIL-T-38328B
Amendment I
9 August 1982

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military quality and inspection specifications, drawings and standards have been discontinued or deleted, most have been replaced by industry and commercial documents.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

TAPE, TEXTILE, NYLON, AROMATIC, NONMELTING, REINFORCING

1. SCOPE

1.1 **Scope.** This specification establishes requirements for nine types of aromatic polyamide reinforcing tape.

1.2 Classification.

The tape shall be of the following types, as specified (see 6.2):

Type I	Unaged breaking strength of 400 lbs.
Type II	Unaged breaking strength of 500 lbs.
Type III	Unaged breaking strength of 1,000 lbs.
Type IV	Unaged breaking strength of 1,500 lbs.
Type V	Unaged breaking strength of 525 lbs.
Type VI	Unaged breaking strength of 350 lbs.
Type VII	Unaged breaking strength of 1,500 lbs.
Type VIII	Unaged breaking strength of 2,000 lbs.
Type IX	Unaged breaking strength of 3,000 lbs.

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.

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SPECIFICATIONS

MILITARY

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

MIL-T-38328B

STANDARDS

FEDERAL

FED-STD-191 Textile Test Methods

FED-STD-595 Colors

MILITARY

MIL-STD-105 Sampling Procedures and Tables for Inspection by Attributes

(Copies of specifications, standards, drawings and publications required by suppliers 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 document forms 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.

Rules and Regulations Under the Textile Fiber Products Identification Act

(Copies may be obtained without charge from the Federal Trade Commission, Washington, DC 20580.)

3. REQUIREMENTS

3.1 **Yarn.** The yarn shall be a nonmelting, aromatic, polyamide. The yarn shall not begin to char at a temperature less than 675°F when tested as specified in 4.2.1.

3.2 Weave

3.2.1 **Types I and V.** The weave of types I and V shall be plain (1-up and 1-down).

3.2.2 **Types II and VII.** The weave of types II and VII shall be 2-up and 2-down herringbone twill with I reversal in the center.

3.2.3 **Types III and IV.** The weave of types III and IV shall be composed of 2 ground warps (face and back), 1 binder warp, and 1 filling. The face warp shall weave plain with the picks that show on the face and the back warp shall weave plain, with the picks that show on the back. The binder warp shall weave plain throughout.

3.2.4 **Type VI.** The weave of type VI shall be as shown in Figure 1.

