



PIA-W-38283
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Renamed from
MIL-W-38283A(USAF)
15 December 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military quality and inspection specifications, drawings and standards have been discontinued or deleted, most have been replaced by industry and commercial documents.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.

WEBBING, TEXTILE, ARAMID

1. SCOPE

1.1 This specification covers 14 types of aromatic polyamide webbing as specified in table I.

2. APPLICABLE DOCUMENTS

2.1 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

STANDARDS

Federal

FED-STD-191 Textile Test Methods

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.)

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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 shall apply.

FEDERAL TRADE COMMISSION,

Textile Fiber Products Identification Act, effective March 3 1960.

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

3. **REQUIREMENTS**

3.1 **Preproduction.** This specification makes provisions for preproduction inspection.

3.2 **Materials**

3.2.1 **Yarn.** The yarn shall be a nonmelting, aromatic polyamide. The yarn shall not char at a temperature less than 675°F, when tested as specified in 4.5.

3.2.2 **Twist.** The final ply of the warp and filling yarns shall have a minimum of 2-1/2 turns per inch. The denier and number of single yarns specified in table I shall be twisted together (plied) in one operation

3.3 **Construction and physical properties.** The finished webbing shall conform to table I and 3.3.1 through 3.6.

3.3.1 **Weave**

3.3.1.1 **Types I, II, IIa, IV, VII, XIII and XIV.** The weave for types I, IV, VII, XIII and XIV shall be a 2-up 2-down herringbone twill with one reversal at the center of the webbing.

3.3.1.2 **Types III, V and VI.** The weave for types III, V and VI shall be a double plain weave with a single filling. Separate binder warp ends shall weave 2-up and 2-down, I end as 1. All other warp yarns shall weave 2 ends as I except that the edge warp yarns shall weave I end as I not exceeding 8 ends on one selvage and 9 on the other selvage.

3.3.1.3 **Types VIII, IX and X.** The weave for types VIII, IX, and X shall be a 5-up, 1-down, 1-up, 5-down herringbone twill with I reversal at the center of the webbing. The weave is shown in figure.