

MIL-C-83429A
AMENDMENT 1
31 March 1986

MILITARY SPECIFICATION

CLOTH, PLAIN AND BASKET WEAVE, ARAMID

This amendment forms a part of Military Specification MIL-C-83429A, dated 12 April 1982, and is approved for use by all Departments and Agencies of the Department of Defense.

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Paragraph 1.2: Add "Class 4 - Type 459 Fiber, Type II only"

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Paragraph 2.1.1: Delete "and Packing" in the title of "PPP-P-1133."

Paragraph 2.1.2, line 10: Delete "Number 76-1978" and substitute "Number 76."

Add the following paragraph:

"2.2 Other publications. The following document forms a part of this specification to the extent specified herein. Unless otherwise specified, the issue of the document which is DOD adopted shall be that listed in the issue of the DODISS specified in the solicitation.

AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D 1424 - Tear Resistance of Woven Fabrics by Falling Pendulum (Elmendorf) Apparatus.

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

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Paragraph 3.3.3: Delete the identifier "Fabric-Class 1" and substitute "Flammability-classes 1, 3, and 4."

Paragraph 3.4: Delete the first sentence and substitute "The color of the class 1, 2, 3, and 4 cloths shall be sage green 1590, sage green 1565, olive green 106, and blue 3374 respectively."

Paragraph 3.4.1: Delete and substitute as follows:

"3.4.1 Matching. The color of the finished cloth shall match the standard sample when viewed under filtered tungsten lamps which approximate artificial daylight having a correlated color temperature of $7000 \pm 500K$, with illumination of 100 ± 20 foot candles and shall be a good match to the standard sample under incandescent lamplight at $2300 \pm 100K$."

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Paragraph 3.5.2: Add to the end of the first sentence "for type I and type II classes 1, 2, and 3. The width shall be 63 inches inclusive of selvage for class 4."

Table I: Delete "Weight per sq. yd. (ounces) (minimum) 5.0 4.3" and substitute: "Weight per sq. yd. (ounces) 5.0 (min.) 4.3-5.0"
Also delete "Air permeability (minimum) cu. ft./min./sq. ft. at 1/2 inch water pressure 100 25" and substitute: "Air permeability, cu. ft./min./sq. ft. 100 (min.) 25-160"

Paragraph 3.6.1, lines 2 and 4: Delete "maximum resistivity" and substitute "maximum surface resistivity."

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Paragraph 4.5.2: Add ", 3, and 4" to the identifier.

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Table II: For "Tearing strength: Warp and Filling," in the "Test method" column, delete "5132" and substitute "ASTM D 1424" in two places.

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Table II, footnote 4/: Delete and substitute as follows:

"4/ When the apparatus incorporates a circular test fixture, three specimens shall be tested. When the apparatus incorporates a parallel plate test fixture, six specimens shall be tested, three each in the warp and filling directions. Both surfaces of each specimen shall be tested, the average results for each specimen recorded, and the average of the results from all specimens reported."

Table II, footnote 7/: Delete "Number 76-1978" and substitute "Number 76."

Section 5: Delete and substitute as follows:

"5. PACKAGING

5.1 Put-up and preservation. Put-up and preservation shall be level A or Commercial as specified (see 6.2).

5.1.1 Levels A and Commercial. The cloth shall be put-up and preserved in accordance with the applicable requirements of PPP-P-1133.

5.2 Packing. Packing shall be level A, B or Commercial as specified (see 6.2).

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5.2.1 Levels A, B and Commercial. The cloth shall be packed in accordance with the applicable requirements of PPP-P-1133.

5.3 Marking. In addition to any special marking required by the contract or purchase order, shipments shall be marked in accordance with the applicable requirements of PPP-P-1133."

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Paragraph 6.2g.: Delete "packaging" and substitute "preservation."

Custodians:

Army - GL

Navy - AS

Air Force - 20

Preparing activity:

Air Force - 20

(Project 8305-0039)

Review activities:

Navy - NU

DLA - CT

User activity:

Air Force - 45