

AEROSPACE
MATERIAL
SPECIFICATION

AMS 3909/3

Issued 7-1-85
Revised

CLOTH, PARACHUTE, ARAMID

2.0 oz per sq yd (68 g/m²), 230 lb per in. (40,275 N/m)
and 220 lb per in. (38,525 N/m)

1. SCOPE:

1.1 Form: This specification covers one weight and strength of intermediate modulus aramid cloth.

1.2 Application: Primarily for use in construction of parachutes.

1.3 Classification: 2.0 oz per sq yd (68 g/m²) cloth with breaking strength not lower than 230 lb per in. (40,275 N/m) in the warp direction and 220 lb per in. (38,525 N/m) in the filling direction.

2. APPLICABLE DOCUMENTS: See AMS 3909.

3. TECHNICAL REQUIREMENTS:

3.1 Basic Specification: The complete requirements for procuring the cloth described herein shall consist of this document and the latest issue of the basic specification, AMS 3909.

3.3 Properties: Shall conform to the requirements of Table I and the following:

3.2.1 Weave: Shall be a plain weave.

3.2.2 Color: Shall be as specified by purchaser.

3.2.3 Width: Shall be 36.5 in. $\pm$ 0.5 (925 mm $\pm$ 12).

3.2.4 Age: Shall be not more than 2 yr from date of manufacture of the yarn to date of delivery of the cloth.

4. QUALITY ASSURANCE PROVISIONS: See AMS 3909.

5. PREPARATION FOR DELIVERY: See AMS 3909.

6. ACKNOWLEDGMENT: See AMS 3909.

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