

AERONAUTICAL MATERIAL SPECIFICATION

Society of Automotive Engineers, Inc.
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AMS 3664

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Revised

FABRIC, GLASS, VINYL COATED

1. ACKNOWLEDGMENT: A vendor shall mention this specification number in all quotations and when acknowledging purchase orders.
2. FORM: Glass cloth coated on both sides with a flexible vinyl copolymer resin.
3. APPLICATION: Primarily for use as a non-porous, abrasion and fire resistant trim cloth or as a covering for thermal and acoustic insulation blankets, at temperatures up to 180 F.

4. TECHNICAL REQUIREMENTS:

4.1 General:

- 4.1.1 Color: Unless otherwise specified, color shall be optional with vendor, except that aluminum color shall not be furnished unless so specified.
- 4.1.2 Weathering: When specified, the product shall have weather resistance acceptable to the purchaser as determined by a procedure agreed upon by purchaser and vendor.
- 4.1.3 Corrosion: The product shall not have a corrosive effect on other materials when exposed to conditions normally encountered in service. When in contact with MIL-L-7178 lacquer the coated fabric shall not cause tackiness of the finish. Discoloration of metal shall not be considered objectionable.
- 4.1.4 Coating: Shall be thoroughly bonded to the fabric. Unless otherwise specified, the coating shall be uniform in thickness on both sides.
- 4.1.5 Finish: Shall be non-glossy, unless otherwise specified.

4.2 Construction:

Fabric Type, Standard Glass Cloth Designation Finished Weight, oz per sq yd	Nominal Thickness, Inch			
	0.0045	0.005	0.007	0.011
108		119	118	126
4.5 ± 0.5	5.0 ± 0.5	8.0 ± 0.5	11.0 ± 1.0	

- 4.3 Properties: The product shall conform to the following requirements; tests shall be performed on the product supplied and in accordance with listed ASTM methods insofar as practicable.

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