



AEROSPACE MATERIAL SPECIFICATION	AMS3716™	REV. C
	Issued 1979-10 Revised 1998-08 Reaffirmed 2022-08	
Superseding AMS3716B		
Core, Honeycomb, Glass/Phenolic Bias Weave Fiber Construction		

RATIONALE

AMS3716C has been reaffirmed to comply with the SAE Five-Year Review policy.

1. SCOPE:

1.1 Form:

This specification covers expanded honeycomb core made from glass fabric impregnated with phenolic resin and oriented so the fabric weave is on the 45-degree bias with the ribbon direction and supplied in the form of blocks, slices, and ordered shapes.

1.2 Application:

These products have been typically used for bonded sandwich structures requiring high strength and corrosion resistance for service up to 177 °C (350 °F), but usage is not limited to such applications. Each application should be considered individually.

1.3 Safety - Hazardous Materials:

While the materials, methods, applications and processes described or referenced in this specification may involve the use of hazardous materials, this specification does not address the hazards which may be involved in such use. It is the sole responsibility of the user to ensure familiarity with the safe and proper use of any hazardous materials and to take necessary precautionary measures to ensure the health and safety of all personnel involved.

2. APPLICABLE DOCUMENTS

The following publications form a part of this specification to the extent specified herein. The latest issue of SAE publications shall apply. The applicable issue of other publications shall be the issue in effect on the date of the purchase order.

2.1 SAE Publications:

Available from SAE, 400 Commonwealth Drive, Warrendale, PA 15096-0001.

AMS 3698 Adhesive Film, Hot Melt, Addition - Type Polyimide, For Foam Sandwich

AMS 3824 Cloth, Glass, Finished for Resin Laminates

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