



PRODUCT DATA SHEET

Gilliner® 1567A

DESCRIPTION

Gilliner® 1567A is a general purpose liner constructed from woven E-glass cloth with a polyester resin system. This product has good mechanical strength for use in the cargo compartment areas, bulkhead facings and blowout panels for commercial aircraft.

APPLICATIONS

Cargo liners for cargo compartment, bulkhead facings and blowout panels for aircraft.

FEATURES

- Good strength to weight ratio
- Corrosion resistant
- Fire resistant

AVAILABILITY

	Sheet Form	Roll Form
Thickness, inch (mm)	0.013 (0.28)	0.013 (0.28)
	0.023 (0.58)	0.023 (0.58)
	0.035 (0.89)	0.035 (0.89)
	0.045 (1.14)	0.045 (1.14)
	0.059 (1.50)	0.059 (1.50)
	0.070 (1.78)	0.070 (1.78)
Length	Typical 144 inch (3,658 mm)	Typical 150 feet (45,720 mm)
Width	Typical 48 inch (1,219 mm) Maximum 72 inch (1,829 mm)	Typical 48 inch (1,219 mm) Maximum 60 inch (1,524 mm)
Color	Natural	



CONSTRUCTION

Resin: Polyester
Reinforcement: Woven E-glass fiber cloth
Surface: Glossy

SPECIFICATIONS

- BMS8-2, Class 1 Grade A
- FAR Part 25 Appendix F Parts I and III (burn through)

HEALTH PRECAUTIONS

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Safety Data Sheet (SDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. A SDS is available at <https://www.thegillcorp.com/msds.php>.

For industrial use only. Keep away from children. Additional information can be found at: www.thegillcorp.com. For sales and order information call 1-626-443-6094.



PERFORMANCE PROPERTIES, TYPICAL

TGC Part Number		1567A013	1567A023	1567A035	1567A045	1567A059	1567A070
Thickness, inch (mm)		0.01 (0.25)	0.021 (0.53)	0.033 (0.84)	0.043 (1.09)	0.055 (1.40)	0.066 (1.78)
Weight, psf (kg/m ²)		0.09 (0.44)	0.21 (1.03)	0.32 (1.56)	0.45 (2.20)	0.55 (2.68)	0.64 (3.12)
Tensile Strength ¹ , ksi (MPa)	Warp	74 (510)	69 (476)	66 (455)	83 (572)	72 (496)	70 (483)
	Fill	64 (441)	63 (434)	57 (393)	62 (427)	52 (359)	54 (372)
Water Absorption ² , % Increase		0.5					
Flexural Strength ³ , ksi (MPa)	Warp	N/A			60 (414)	55 (379)	50 (344)
	Fill	N/A			55 (379)	54 (372)	47 (324)
Flexural Tangent Modulus ³ , Msi (GPa)	Warp	N/A			2.5 (17)	2.7 (18.6)	2.8 (19.3)
	Fill	N/A			2.5 (17)	2.7 (18.6)	2.8 (19.3)
Flammability		Meets FAR 25.853 & 855 Appendix F Part I & III					

Table shown reflects typical values and should not be used as design specifications.

¹ Tensile Strength was tested and calculated per ASTM D638.

² Water Absorption was tested and calculated per ASTM D570.

³ Flexural Strength and Modulus were tested and calculated per ASTM D790.

Updated: 04/22/22

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