



PRODUCT DATA SHEET

Gillfab® 1368A/E

DESCRIPTION

Gillfab® 1368A is a high strength, low FST grade liner constructed using a combination of woven E and/or S-glass cloth with a modified phenolic resin system and a 1 mil white Tedlar® overlay on the face side for surface reflectivity and uniform appearance. 1368E uses Tedlar® on both the face and back side.

APPLICATIONS

Cargo liners for cargo compartment, bulkhead facings and blowout panels for aircraft. Also used as backing material for non-textile floor mats used in wet areas of cabin interior (without Tedlar® overlay).

FEATURES

- High impact strength
- Fire resistant
- Corrosion resistant
- Low moisture absorption
- Low smoke and toxicity generation
- Service temperature -40°F to 220°F (-40°C to 110°C)

AVAILABILITY

	Gillfab®1368A 1-Sided Tedlar®
Thickness inch (mm)	0.013 (0.330) 0.020 (0.508) 0.030 (0.762) 0.040 (1.016) 0.050 (1.270) 0.070 (1.778)
Length	Standard 144 inch (3,658 mm) Maximum 168 inch (4,267 mm)
Width	Standard 48 inch (1,219 mm) Maximum 72 inch (1,829 mm)



	Sides	Standard	Gillfab® 1368E	DMS 2419, CL 2	Available Upon Request
Color	Face side	1 mil White Tedlar®	1 mil White Tedlar®	Amber	Granite Grey Desert Sand
	Back side	Amber	1 mil White Tedlar®	Amber	Amber

CONSTRUCTION

- Reinforcement:** Woven fiberglass cloth
Resin System: Phenolic
Surface Finish: 1 mil white Tedlar® overlay for standard applications



ALTERNATIVE GILLFAB® 1368 PRODUCTS

Gillfab® 1368 series are high strength, high impact and fire resistant fiberglass reinforced phenolic laminates for aircraft cargo liner applications.

TGC Product No.	Difference
Gillfab® 1368	Slightly higher impact values than 1368A, and offering additional thickness.
Gillfab® 1368A	Economical alternative to 1368 with standard weight and thickness requirements.
Gillfab® 1368B	Thinner and lighter than 1368A.
Gillfab® 1368C	1368A in roll form.
Gillfab® 1368E	1368A with 1mil white Tedlar® bonded to both faces of the laminate.
Gillfab® 1368F	1368A molded to a "Z" shape for wire spacing in cargo bay.
Gillfab® 1368G	Extremely thin, lightweight and superior impact strength to corresponding types.
Gillfab® 1368M	1367B in roll form.
Gillpatch® 1368P	Patch laminate intend for repairing facings of 1368A.

SPECIFICATIONS

Gillfab® 1368A

- Boeing BMS 8-223, Class 2, Grade B, Types 13 through 40
- McDonnell Douglas DMS 2419 Classes 1 and 2, Types 13 through 40
- FAR 25.853 and 25.855

Gillfab® 1368C

- Similar to 1368A but produced in roll stock

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 ordering information call 1-626-443-6094.

PERFORMANCE PROPERTIES, TYPICAL

The following tests are run in accordance with BMS 8-223, and DMS2419 specification requirements.

TGC Part Number	1367A013 1367C013	1367A020 1367C020	1367A025 N/A	1367A030 1367C030	1367A040 1367C040	1367A045 N/A	1367A060 N/A
Thickness, inch (mm)	0.013 (0.33)	0.020 (0.51)	0.025 (0.64)	0.030 (0.76)	0.040 (1.02)	0.045 (1.14)	0.060 (1.52)
Weight, psf (kg/m ²)	0.12 (0.59)	0.20 (0.98)	0.25 (1.22)	0.29 (1.42)	0.38 (1.86)	0.44 (2.15)	0.56 (2.73)
Impact Strength, ft-lbs (N-m)	11 (15) ¹	15 (20) ¹	18 (24) ²	19 (26) ¹	25 (34) ¹	25 (34) ²	32 (44) ²
Bolted Joint Strength, lbs (N)	Warp	225 (1,003)	254 (1,131)	N/A	312 (1,388)	385 (1,713)	N/A
	Fill	233 (1,038)	261 (1,163)	N/A	314 (1,397)	390 (1,736)	N/A
Double Point Edge Bearing, lbs (N)	Warp	315 (1,401)	N/A	N/A	N/A	N/A	N/A
	Fill	310 (1,379)	N/A	N/A	N/A	N/A	N/A
Flammability	Meets FAR 25.853 & 855 Appendix F Part I & III						
Tedlar® Peel Separation, inch	No Tedlar® Peel Separation						

¹BSS 7326; ²ASTM D 5420 Figures shown reflect typical values and should not be used as design specifications.

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