



PRODUCT DATA SHEET

Gillfab® 1367A/C (refer to the Specification section below for current qualifications)

DESCRIPTION

Gillfab®1367A 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 Polyvinyl Fluoride (PVF) film overlay on the face side for surface reflectivity and uniform appearance. 1367C is the designation supplied in roll stock.

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 PVF film 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® 1367A (Sheet form)	Gillfab® 1367C (Roll form)
Thickness inch (mm)	0.013 (0.330)	0.013 (0.330)
	0.020 (0.508)	0.020 (0.508)
	0.025 (0.635)	0.030 (0.762)
	0.030 (0.762)	
	0.040 (1.016)	
	0.045 (1.143)	
	0.060 (1.524)	
Length	Standard 144 inch (3,658 mm) Maximum 168 inch (4,267 mm)	Standard 150 feet (45,720 mm) Maximum 150 feet (45,720 mm)
	Standard 48 inch (1,219 mm) Maximum 72 inch (1,829 mm)	Standard 48 inch (1,219 mm) Maximum 60 inch (1,524 mm)



	Sides	Standard	BMS 8-223, GR C	DMS 2419, CL 2	Available Upon Request
Color	Face side	1 mil White PVF Film	2 mil Beige PVF Film	Amber	Granite Grey Desert Sand
	Back side	Amber	Amber	Amber	Amber

CONSTRUCTION

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



ALTERNATIVE GILLFAB® 1367 PRODUCTS

Gillfab® 1367 series are high strength, high impact and fire resistant fiberglass reinforced phenolic laminates for aircraft cargo liner applications.

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

SPECIFICATIONS

Gillfab® 1367A

- FAR 25.853 and 25.855 Appendix Parts I and III

Gillfab® 1367C

- Similar to 1367A but produced in roll stock

Specification Name	Previous Qualifications	Current Qualifications
Boeing BMS 8-223 Class 2 Grade B Type 13, 20, 30, 40 Class 2 Grade C Type 40	1367A 1367A	1368A 1368A
Airbus AI 2550 M1M 000800 Types 13, 25, 40, 45, 60	1367A	1369A
McDonnell Douglas DMS 2419 Class 1 Types 13 - 90 Class 2 Types 13 - 90	1367A 1367A	1368A 1368A

Refer to the PDS of the current qualifications for the most recent data sheet.

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. An 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, DMS2419, AI2250 MIM000800 and HMS E2-001 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 Parts I & III						
Polyvinyl Fluoride Film Peel Separation, inch	No PVF Film Peel Separation						

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

Updated: 08/29/24

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