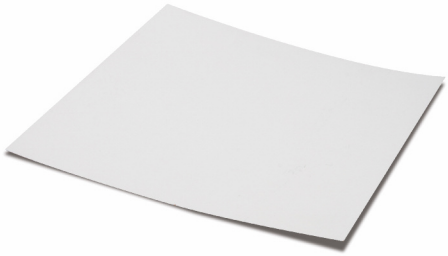
THE GILL CORPORATION

PRODUCT DATA SHEET

Gillfab™ 1367B/M



DESCRIPTION

Gillfab™ 1367B is a thin, light weight, high impact and fire resistant fiberglass reinforced phenolic laminate. Gillfab™ 1367M is the product designation for Gillfab 1367B supplied in roll stock. Gillfab™ 1367B is a thinner and lighter alternative to other Gillfab™ 1367 series for aircraft cargo liners.

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)
- Offers 15-20% weight savings as compared to Gillfab™ 1367/1367A

AVAILABILITY

	Gillfab™ 1367B (Sheet form)	Gillfab™ 1367M (Roll form)
Thickness	0.011 inch (0.280 mm) 0.018 inch (0.460 mm) 0.026 inch (0.660 mm) 0.035 inch (0.889 mm) 0.045 inch (1.140 mm)	0.011 inch (0.280 mm) 0.018 inch (0.460 mm) 0.026 inch (0.660 mm) 0.035 inch (0.889 mm)
Length	Standard 144 inch (3,658 mm) Maximum 168 inch (4,267 mm)	Standard 150 feet (45,720 mm) Maximum 626 feet (2,090,923 mm)
Width	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	Available Upon Request
Color	Face side	1 mil White Tedlar®	Amber Beige Charcoal Gray Granite Gray
	Back side	Amber	Amber

CONSTRUCTION

Reinforcement: Woven fiberglass cloth

Resin System: Phenolic

Surface Finish: 1 mil white Tedlar® overlay for standard applications

4056 Easy Street, El Monte, CA 91731-1087, USA
626-443-4022
info@thegillcorp.com
www.thegillcorp.com

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 Tedlar® bonding on 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 1367B

- Boeing BMS 8-223, Class 4, Grade B, all types
- FAR Part 25 Appendix F Parts I and III (Burn Through)
- ATS 1000.001

Gillfab 1367M

- Meets Boeing BMS 8-223, Class 4
- FAR 25.853 and 25.855 (a-1), Appendix F, Part III
- Oil Burner - burn-through resistance
- ATS 1000.001

HEALTH PRECAUTIONS

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

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 Cl 4 Gr B specification requirements.

TGC Part Number		1367B011 1367M011	1367B018 1367M018	1367B026 1367M026	1367B035 1367M035	1367B045 N/A
Thickness, inch (mm)		0.011 (0.28)	0.018 (0.46)	0.026 (0.66)	0.033 (0.84)	0.045 (1.14)
Weight, psf (kg/m^2)		0.10 (0.49)	0.16 (0.76)	0.24 (1.15)	0.30 (1.46)	0.44 (2.17)
Impact Strength, ft-lbs (N-m)		17 (23)	23 (31)	31 (42)	34 (46)	43 (58)
Double Point Edge	Warp	273 (1,054)	N/A	N/A	N/A	N/A
Bearing, lbs (N), max	Fill	259 (1,152)	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				

Figures shown reflect typical values and should not be used as design specifications.

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.

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