



PRODUCT DATA SHEET

Gillfab™ 1367

DESCRIPTION

Gillfab™ 1367 is a rigid, high impact resistant and fire resistant fiberglass reinforced phenolic laminate.

APPLICATIONS

The cargo liner is designed for use in the cargo compartment, bulkhead facings, and blowout panels for aircraft.

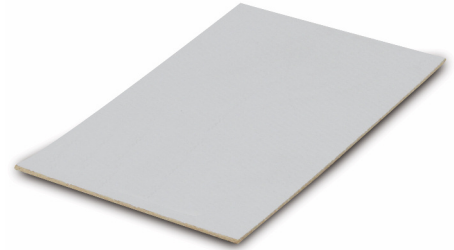
Also used as backing material for non-textile floor mats used in wet areas of cabin interior (without Tedlar® overlay).

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

Thickness, inch (mm)	0.050 (1.27) 0.070 (1.78)
Length, inch (mm)	Standard 144 (3,658) Maximum 168 (4,267)
Width, inch (mm)	Standard 48 (1,219) Maximum 72 (1,829)
Color	Face side White Tedlar® Back side Amber



CONSTRUCTION

Reinforcement: Woven fiberglass cloth

Resin System: Phenolic

Surface Finish: 1 mil white Tedlar® overlay

ALTERNATIVE GILLFAB™ 1367 PRODUCTS

Gillfab™ 1367 series are 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 1 mil white Tedlar® 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, light weight and superior impact strength to corresponding types.
Gillfab™ 1367M	1367B in roll form.
Gillpatch™ 1367P	Patch laminate intended for repairing facings of 1367A.



SPECIFICATIONS

- Boeing BMS 8-223 Cl 2 Gr B, all types
- McDonnell Douglas specification DMS 2419 Ty 50-90
- LAC-C-22-1249 Cl 3
- FAR Part 25 Appendix F Parts I and III (Burn Through)
- 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 specification requirements.

TGC Part Number		1367-050	1367-070
Thickness, inch (mm)		0.051 (1.30)	0.066 (1.67)
Weight, psf (kg/m ²)		0.47 (2.30)	0.64 (3.12)
Impact Strength, ft-lbs (N-m)		53 (71)	59 (79)
Water Absorption, %		1.3	1.0
Edge Bearing, ksi (MPa)	Warp	42,000 (290)	47,000 (324)
	Fill	40,000 (275)	45,000 (310)
Flammability		Meets FAR 25.853 & 855 Appendix F Part I & III	
Tedlar® Peel Separation, inch (mm)		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.