



## PRODUCT DATA SHEET

# Gillfab® 1367G (refer to the Specification section below for current qualifications)

### DESCRIPTION

Gillfab® 1367G is an ultra-light weight, high strength, low FST liner constructed from woven S-glass cloth with a modified phenolic resin system and a 1 mil white Polyvinyl Fluoride (PVF) film overlay overlay on the face side. Gillfab® 1367G is an alternative to other Gillfab® 1367 series for aircraft cargo liners which maximizes weight savings.

### APPLICATIONS

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

### FEATURES

- Superior 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 30-40% weight savings as compared to Gillfab® 1367/1367A

### AVAILABILITY

Thickness, inch (mm)	0.007 (0.178) 0.027 (0.686)
Length, inch (mm)	Standard 144 (3,658) Maximum 168 (4,267)
Width, inch (mm)	Standard 48 (1,219) Maximum 60 (1,524)

	Sides	Standard
Color	Face side	1 mil White PVF Film
	Back side	Amber

### CONSTRUCTION

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





**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 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**

- FAR Part 25 Appendix F Parts I and III (Burn Through)

Specification Name	Previous Qualifications	Current Qualifications
Boeing BMS 8-223 Class 5 Grade B Types 7, 27	1367G	1368G

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](http://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	1367G007	1367G027
Thickness, inch (mm)	0.007 (0.18)	0.026 (0.69)
Weight, psf (kg/m <sup>2</sup> )	0.067 (0.33)	0.247 (1.20)
Impact Strength, ft-lbs (N-m)	18 (24)	39 (53)
Double Point Edge Bearing, lbs (N), max	Warp	202 (898)
	Fill	200 (890)
Flammability	Meet FAR 25.853 Appendix F Part I	
Polyvinyl Fluoride Film Peel Separation, inch	No PVF Film Peel Separation	

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

Updated: 09/24/24

All recommendations, statements, values and technical data herein are based on tests The Gill Corporation believes 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. Users shall rely on their own information and tests to determine suitability of the product for the intended use and assume all risks and liability resulting from their use of the product. The Gill Corporation's sole responsibility shall be to replace that portion of the product that proves to be defective. The Gill Corporation will not 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 not contained in a written agreement signed by an officer of The Gill Corporation shall not be binding upon The Gill Corporation.