



## PRODUCT DATA SHEET

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

### DESCRIPTION

Gillfab® 1367 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.

### 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 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

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 PVF film 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 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, 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**

- LAC-C-22-1249 CI 3
- FAR Part 25 Appendix F Parts I and III (Burn Through)
- ATS 1000.001

Specification Name	Previous Qualifications	Current Qualifications
Boeing BMS 8-223		
Class 2 Grade B Type 13	1367	1368A
Class 2 Grade B Type 20	1367	1368A
Class 2 Grade B Type 30	1367	1368A
Class 2 Grade B Type 40	1367	1368A
Class 2 Grade B Type 50	1367	1368A
Class 2 Grade B Type 70	1367	1368A
McDonnell Douglas DMS 2419		
Class 1 Type 50	1367	1368A
Class 1 Type 70	1367	1368A
Class 1 Type 90	1367	1368A

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

**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		1367-050	1367-070
Thickness, inch (mm)		0.051 (1.30)	0.066 (1.67)
Weight, psf (kg/m <sup>2</sup> )		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	
Polyvinyl Fluoride Film Peel Separation, inch (mm)		No PVF Film Peel Separation	

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

Updated: 09/06/24

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. Gillfab® and Gillpatch® are registered trademarks of The Gill Corporation.