



PRODUCT DATA SHEET

# Gillfab® 1368G

## DESCRIPTION

Gillfab® 1368G series laminates are ultra-light weight, high strength, low FST grade liners constructed using S-glass cloth with a modified phenolic resin system and an optional 1 mil white Polyvinyl Fluoride (PVF) film overlay on the face side for surface reflectivity and uniform appearance. Gillfab® 1368G is an alternative to other Gillfab® 1368 series for aircraft cargo liners which maximizes weight savings.

## APPLICATIONS

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

## 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 30-40% weight savings as compared to Gillfab® 1368A

## AVAILABILITY

	Gillfab® 1368G 1-Sided PVF Film
Thickness inch (mm)	0.007 (0.178) 0.027 (0.686)
Length	Standard 144 inch (3,658 mm) Maximum 168 inch (4,267 mm)
Width	Standard 48 inch (1,219 mm) Maximum 72 inch (1,829 mm)

	Sides	Gillfab® 1368G	Available Upon Request
Color	Face side	1 mil White PVF Film	Amber Granite Grey Misty Beige
	Face side	Amber	Amber

## CONSTRUCTION

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





ALTERNATIVE GILLFAB® 1368 PRODUCTS

Gillfab® 1368 series are high strength, high impact and fire resistant fiberglass reinforced phenolic laminates for aircraft cargo liner applications.

Table with 2 columns: TGC Product No., Difference. Rows include Gillfab® 1368A, 1368B, 1367C, 1368E, 1368G, and 1367M.

SPECIFICATIONS

Gillfab® 1368G

- Boeing BMS 8-223, Class 5, Grade B, All Types
FAR Part 25 Appendix F Parts I and III (Burn Through)

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.

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

Table with 3 columns: TGC Part Number, 1368G007, 1368G027. Rows include Thickness, Weight, Impact Strength, Edge Bearing, Climbing Drum Peel, Double Point Edge Bearing, Overlay Film Peel, and Flammability.

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

- 1 - Calculated per ASTM D5420 using a modified dart and specimen test frame.
2 - Tested per ASTM D953 using a modified test fixture.
3 - Tested per ASTM D1781.
4 - Tested using a modified ASTM D3330 using a standard tape to peel PVF film overlay.

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.