



## PRODUCT DATA SHEET

# Gillfab® 1370A

### DESCRIPTION

Gillfab® 1370 series laminates are a high strength, low FST grade liners constructed using a combination of woven E and/or S-glass cloth with a modified phenolic resin system and an optional 1 mil white Polyvinyl Fluoride (PVF) film overlay on the face and/or back side for surface reflectivity and uniform appearance.

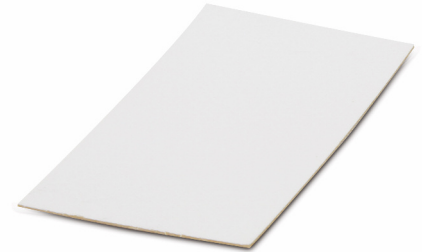
### APPLICATIONS

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 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



	Gillfab® 1370A 1-Sided PVF Film
Thickness inch (mm)	0.013 (0.330) 0.020 (0.508) 0.030 (0.762) 0.040 (1.016) 0.050 (1.270) 0.070 (1.778)
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® 1370A	Gillfab® 1370A-NT
Color	Face side	1 mil White PVF Film	Amber
	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® 1370 PRODUCTS**

Gillfab® 1370 series are high strength, high impact and fire resistant fiberglass reinforced phenolic laminates for aircraft cargo liner applications.

TGC Product No.	Difference
Gillfab® 1370A	High strength, high impact, low FST, fiberglass reinforced phenolic laminate for aircraft cargo liner applications.
Gillfab® 1370A-NT	Bare 1370A with no PVF film

**Specifications**

Gillfab® 1370A

- COMAC CMS-CP-503, Class 2, Grade B, Types 13 and 20
- AVIC ZMS2419, Class 1, Types 13 through 70
- FAR 25.853 and 25.855

Gillfab® 1370A-NT

- AVIC ZMS2419, Class 2, Types 13 through 70

**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. A 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**

TGC Part Number	1370A013 1367A013-NT	1370A020 1367A020-NT	1370A030 1367A030-NT	1370A040 1367A040-NT	1370A050 1367A050-NT	1370A070 1367A070-NT
Thickness, inch (mm)	0.013 (0.33)	0.020 (0.51)	0.030 (0.76)	0.040 (1.02)	0.050 (1.27)	0.070 (1.78)
Weight, psf (kg/m <sup>2</sup> )	0.12 (0.59)	0.20 (0.98)	0.29 (1.42)	0.37 (1.80)	0.44 (2.15)	0.65 (3.17)
Impact Strength <sup>1</sup> , ft-lbf (N·m)	10 (14)	17 (23)	19 (26)	24 (33)	27 (37)	36 (49)
Edge Bearing <sup>2</sup> , kpsi (mpa)	Warp	40 (276)				
	Fill	42 (290)				
Climbing Drum Peel <sup>3</sup> , lbf/3 inch width (N/76 mm width)	Warp	30 (133)				
	Fill	33 (147)				
Double Point Edge Bearing <sup>2</sup> , lbf (N)	Warp	345 (1530)	N/A			
	Fill	338 (1500)	N/A			
Overlay Film Peel <sup>4</sup> , lb/in (N/mm)	2.9 (0.51) – No PVF Film Separation					
Flammability	Meets requirements of FAR 25.853 & 855 Appendix F Part I & III					

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

<sup>1</sup> - Calculated per ASTM D5420 using a modified dart and specimen test frame.

<sup>2</sup> - Tested per ASTM D953 using a modified test fixture.

<sup>3</sup> - Tested per ASTM D1781.

<sup>4</sup> - 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. 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.