



PRODUCT DATA SHEET

Gillfab® 1370A

DESCRIPTION

Gillfab® 1370 series laminates are high strength, low FST grade liners constructed using 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 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
- ZMS2419, Class 1, Types 30, 40, 50, and 70
- FAR 25.853 and 25.855 Appendix F Parts I, III, IV, and V

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. For sales and ordering information call 1-626-443-6094.

PERFORMANCE PROPERTIES, TYPICAL

TGC Part Number	1370A013	1370A020	1370A030	1370A040	1370A050	1370A070
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 ²)	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 ¹ , ft-lbf (N·m)	10 (14)	17 (23)	19 (26)	24 (33)	27 (37)	36 (49)
Edge Bearing ² , kpsi (mpa)	Warp	40 (276)				
	Fill	42 (290)				
Climbing Drum Peel ³ , lbf/3 inch width (N/76 mm width)	Warp	30 (133)				
	Fill	33 (147)				
Double Point Edge Bearing ² , lbf (N)	Warp	345 (1530)	N/A			
	Fill	338 (1500)	N/A			
Overlay Film Peel ⁴ , 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.

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.