



PRODUCT DATA SHEET

Gilliner™ 1366/1366A/1366T/1366C/1366F

DESCRIPTION

Gilliner™ 1366 is a high impact resistant liner made from fiberglass cloth reinforced polyester laminate for general-purpose use. 1 mil white Tedlar® overlay can be optionally added on the face side of the laminate.

Gilliner™ 1366 and all types can be supplied in sheet or roll stocks for thickness under 0.050".



APPLICATIONS

Aircraft cargo compartment liner for general purpose use.

FEATURES

- High impact strength
- Impact resistant
- Abrasion resistant
- Corrosion resistant
- Service temperature up to 180°F (80°C)



AVAILABILITY

	Gilliner™ 1366 and all types (Sheet form)	Gilliner™ 1366 and all types (Roll form)
Thickness, inch (mm)	0.011 (0.28)	0.011 (0.28)
	0.020 (0.51)	0.020 (0.51)
	0.030 (0.76)	0.030 (0.76)
	0.040 (1.02)	0.040 (1.02)
	0.045 (1.14)	0.045 (1.14)
	0.050 (1.27)	0.050 (1.27)
	0.060 (1.52)	
	0.070 (1.78)	
Length	Typical 144 in (3,658 mm) Maximum 168 in (4,267 mm)	Typical 150 LF (45,720 mm)
	Typical 48 in (1,219 mm) Maximum 72 in (1,829 mm)	Typical 48 in (1,219 mm) Maximum 60 in (1,524 mm)

CONSTRUCTION

- Facings Reinforcement:** Woven fiberglass
- Facings Resin System:** Fire resistant polyester
- Surface:** Glossy
- Color:** Natural



SPECIFICATIONS

Gilliner™ 1366/1366T

- Boeing specification BMS 8-2 Cl 2 Gr A - 1366
- De Havilland DHMS P1.42 Cl B - 1366, 1366T
- Lockheed LAC-C-22-1249 Cl 3 - 1366
- Airbus 2550 M1M 0014 01 - 1366
- 1366T - Boeing specification BMS 8-2 Cl 2 Gr B - 1366T
- Airbus 2550M1M000703 - 1366T
- FAR Part 25, Appendix, F Parts I and III (burn through) - ALL

Gilliner™ 1366C/1366F

- Boeing specification BMS 8-2 Cl 2 Gr A - 1366C
- 1366T - Boeing specification BMS 8-2 Cl 2 Gr B - 1366F
- FAR Part 25, Appendix, F Parts I and III (burn through). - ALL

HEALTH PRECAUTIONS

This product is safe to use and apply when recommended precautions are followed. Before using this product, read and understand the Material Safety Data Sheet (MSDS), which provides information on health, physical and environmental hazards, handling precautions and first aid recommendations. A MSDS is available at www.thegillcorp.com/products/msds/html.

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

The following tests are run in accordance with BMS 8-2 specification requirements.

TGC Part Number		1366-011	1366-020	1366-030	1366-045	1366-070
Weight, psf (kg/m ²)		0.12 (0.59)	0.18 (0.88)	0.30 (1.46)	0.43 (2.10)	0.71 (3.47)
Tensile Strength, ksi (MPa)	Warp	66 (455)	68 (469)	61 (421)	57 (393)	63 (434)
	Fill	66 (455)	56 (386)	51 (352)	53 (365)	60 (414)
Water Absorption, %		0.3	0.8	0.8	0.5	0.6
Bond Strength, lbs (N)		671 (2,985)	848 (3,772)	1,018 (4,528)	1,003 (4,462)	982 (4,368)
Abrasion, grams (oz)		0.03 (0.0010)	0.06 (0.002)	0.03 (0.0010)	0.02 (0.0007)	0.01 (0.0004)
Impact Strength, ft-lbs (N-m)		13 (18)	16 (22)	20 (27)	32 (43)	47 (64)
Edge Bearing Strength, lbs (N)	Warp	47 (209)	53 (236)	45 (200)	51 (227)	47 (209)
	Fill	44 (196)	49 (218)	44 (196)	46 (205)	43 (191)
Flexural Strength, ksi (MPa)	Warp	N/A	N/A	N/A	32 (221)	35 (241)
	Fill	N/A	N/A	N/A	30 (207)	32 (221)
Flexural Modulus, msi (GPa)	Warp	N/A	N/A	N/A	2.9 (20)	3.4 (23)
	Fill	N/A	N/A	N/A	2.5 (17)	3.3 (23)
Flammability	Meets FAR 25.853 & 855 Appendix F Part I & III					
Tedlar® Peel Separation, inch (mm)	No Tedlar® Peel Separation					

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

All recommendations, statements and technical data herein are based on tests we believe 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. User shall rely on his own information and tests to determine suitability of the product for the intended use and assumes all risks and liability resulting from his use of the product. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. Neither seller nor manufacturer shall 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 other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding upon the manufacturer or seller.