



PRODUCT DATA SHEET

Gillfab® 1050

DESCRIPTION

Gillfab® 1050 is a general purpose laminate made from fiberglass cloth reinforced epoxy resin. Gillfab® 1050 is available with a peel ply on both sides for ensuring a bondable surface. Gillfab® 1050 comes in sheet form.

APPLICATIONS

The laminate is designed for general aircraft purposes.

FEATURES

- Good impact strength
- Remove peel ply just prior to use to ensure best surface bonding
- Service temperature to: 180°F (82°C)

AVAILABILITY

	Gillfab® 1050 (Sheet form)
Thickness, inch (mm)	0.020 (0.51) Other thicknesses available upon request
Length, inch (mm)	Standard 144 (3,658) Maximum 168 (4,267)
Width, inch (mm)	Standard 48 (1,219) Maximum 60 (1,524)

CONSTRUCTION

Resin: Epoxy resin

Reinforcement: Woven fiberglass cloth

ALTERNATIVE GILL PRODUCTS

TGC Product No.	Difference
Gilliner® 1366	Fiberglass/polyester laminate with high impact strength and puncture resistance.
Gilliner® 1368	Fiberglass/phenolic laminate with high impact and excellent flammability.

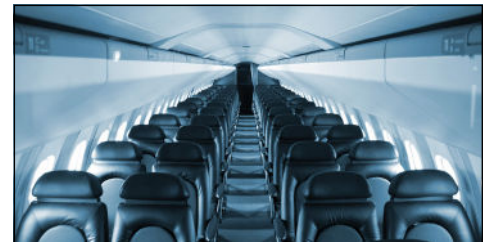
SPECIFICATIONS

- Proprietary - FAR 25.853 Flammability

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





PERFORMANCE PROPERTIES, TYPICAL

The following tests are run in accordance with the ASTMs shown.

TGC Part Number	1050	
Weight, psf (kg/m ²)	0.24 (1.2)	
Tensile Strength, ksi (MPa)	Warp	55 (380)
	Fill	55 (380)
Water Absorption, %	< 1	
60 Second Vertical Flammability	Pass	

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

Tension testing per ASTM D-638, Type 1

Water Absorption per ASTM D570, dried one hour at 225°F followed by a 24 hour water soak.

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