



PRODUCT DATA SHEET

Gillfab® 1137

DESCRIPTION

Gillfab® 1137 is a light weight and flexible liner made from nylon cloth reinforced nylon and epoxy resin.

APPLICATIONS

The liner is designed for use as the support and protection of non-self-sealing fuel cells in certain military aircraft.

FEATURES

- Light weight
- High flexibility and formability
- Tear resistant
- Low moisture absorption

AVAILABILITY

Thickness, inch (mm)	0.030 (0.762) and 0.045 (1.143)
Length, inch (mm)	Typical 78 (1,981), Maximum 160 (4,064)
Width, inch (mm)	Typical 16 (406), Maximum 60 (1,524)
Color	Natural

CONSTRUCTION

Resin: Nylon-epoxy resin
Reinforcement: Nylon cloth
Surface: Glossy

SPECIFICATIONS

- Boeing BMS 8-13E

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 ordering information call 1-626-443-6094.





PERFORMANCE PROPERTIES, TYPICAL

The following tests are run in accordance with BMS 8-13 specification requirements.

TGC Part Number		1137-045
Weight, psf (kg/m ²)		0.28 (1.37)
Tensile Strength	Warp direction, psi (mpa)	1,282 (8.84)
	Fill direction, psi (mpa)	1,196 (8.25)
Tensile Elongation	Warp direction, %	30
	Fill direction, %	30
Dimensional Stability	Warp direction	Meet BMS 8-13
	Fill direction	
Flammability	Warp direction	Meet FAR 25.855 App F Part I
	Fill direction	

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

Updated: 10/01/18

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® is a registered trademark of The Gill Corporation.