



PRODUCT DATA SHEET

Gillpatch® 6006

DESCRIPTION

Gillpatch® 6006 System is a fiberglass reinforced polyester laminate with a pressure sensitive adhesive applied to the back side.

APPLICATIONS

Gillpatch® 6006 is designed as a patch for repairing holes and tears in cargo compartment liners. Gillpatch® 6006 is approved for use in Class B and E cargo compartment as defined in FAR 25.857.

FEATURES

- Light weight and high impact strength.
• Made with Gilliner 1066 cargo liner
• Self stick adhesive with easy peel backing paper

AVAILABILITY

Table with 2 columns: Property (Thickness, Size, Sheet Stock) and Value (0.026, various sizes, Maximum 36 x 72).

CONSTRUCTION

- Adhesive: Pressure sensitive adhesive
Resin: Polyester resin
Reinforcement: Woven fiberglass cloth

ALTERNATIVE GILL PRODUCTS

Table with 2 columns: TGC Product No. and Difference. Compares Gillpatch® III 6306 to Gillpatch® 6006.

SPECIFICATIONS

- FAR 25.855, except Appendix F, Part III (burn through resistance) Fire resistance

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)...



**PERFORMANCE PROPERTIES, TYPICAL**

The following tests are run in accordance with ASTM standard methods.

TGC Part Number	6006¹
Weight, psf (kg/m ²)	0.60 (2.93)
Flexural Strength ² , ksi (Mpa)	18 (124)
After 2 hr boiling	12 (83)
Flexural Modulus ² , msi (Gpa)	0.8 (5.52)
After 2 hr boiling	0.5 (3.4)
Tensile Strength ³ , ksi (Mpa)	38 (262)
After 2 hr boiling	30 (207)
Tensile Modulus ³ , msi (Gpa)	0.8 (5.52)
After 2 hr boiling	0.5 (3.4)
Compressive Strength ⁴ , ksi (Mpa)	9 (62)
After 2 hr boiling	6 (41)
Bearing Strength ⁵ , ksi (Mpa)	12 (83)
Shearing Strength ⁶ , ksi (Mpa)	18 (124)
Resin Content, %	38
Barcol Hardness ⁷	30
Water absorption ⁸ , %	2.5
Flammability	Meet FAR 25.853 App F Part I (a)(1)(ii)

¹ Test on a 0.015 laminate without adhesive on the back side.

² ASTM D790, warp direction

³ ASTM D638, warp direction

⁴ ASTM D695

⁵ ASTM D953

⁶ ASTM D732

⁷ Barcol is a relative hardness measurement without unit

⁸ ASTM D570

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. Gillpatch® is a registered trademark of The Gill Corporation.