THE GILL CORPORATION

PRODUCT DATA SHEET

Gillpatch™ 1367P

DESCRIPTION

Gillpatch™ 1367P System is a low smoke and toxicity, fiberglass reinforced, phenolic laminate patch for repair of minimal damage to cargo liner sandwich panels in Airbus aircraft.

APPLICATIONS

Approved for repair of Airbus cargo liner sandwich panel sidewalls with damage on one face only. FAA approved for repair of cargo liner laminates in classes A, B, and E of non-Airbus aircraft.

FEATURES

- High mechanical strength, puncture resistance and corrosion resistance
- White Tedlar® overlay on face side for surface reflectivity
- Peel and stick application
- Service temperature range: up to 220°F (104°C)

AVAILABILITY

Thickness, inch (mm)	0.013 (0.33)
Patch Size, inch x inch (mm x mm)	5 x 5 (127 x127), 8 x 8 (203 x 203), 12 x 12 (305 x 305)
Sheet Stock, inch x inch (mm x mm)	Maximum 48 x 144 (1,219 x 3,658)

CONSTRUCTION

Reinforcement: Woven fiberglass cloth

Resin System: Phenolic

Surface Finish: 1 mil white Tedlar®

ALTERNATIVE GILL PRODUCTS

TGC Product No.	Difference
Gillpatch™ 6006	Fiberglass/polyester laminate with a pressure sensitive adhesive on the back side. Thinner, more economical laminate. FAA approved for repair of cargo liner laminates in class B and E cargo compartments and side panels as defined FAR 25.857.
Gillpatch™ III 6306	Fiberglass/phenolic laminate with adhesive on the back side. Superior impact strength comparing to 6006 and 1367P. FAA approved for use only in class B, C and E cargo compartment as defined FAR 25.857.

SPECIFICATIONS

- FAR 25.853 – Part 25, Appendix F, Part I, IV, and V
- FAR 25.855 – Part 25, Appendix F, Part I
- Airbus Individual Product Specification IPS 08-07-002-02; Qualified on the Basis of AIMS 08-07-000, AIMS 08-07-002, and ABS 5666
- The Gill Corporation Airline Instruction Manual MCG-AIM-2001 for Airbus Aircraft

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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 8-223, DMS2419 and AI2250 MIM000800 specifications.

TGC Part Number		**1367P**
Thickness, inch (mm)		0.013 (0.33)
Weight, psf (kg/m^2)		0.125 (0.61)
Impact Strength[1], ft-lbs (N-m)		12 (17)
Climbing Drum Peel[2], warp, in-lbs/3in (N-m/76mm)		56 (6.3)
Water Absorption[1], maximum, %		0.67
Tensile Strength[1], psi (Mpa)	Warp	55 (379)
	Fill	53(365)
Edge Bearing[2], ksi (Mpa)	Warp	37 (254)
	Fill	34 (235)
Bolted Joint Strength[2], lbs (N)	Warp	225 (1,001)
	Fill	223 (992)
Double Point Edge Bearing[2], lb (N)	Warp	331 (1,472)
	Fill	310 (1,379)
Smoke Density[3], D_s		21.7
Flammability		Meets FAR 25.853 & 855 Appendix F Part I & III
Tedlar Peel[1]		No Tedlar Separation

[1]AI2250M1M000800
[2]BMS 8-223
[3]AITM 2.0007

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.

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