

Gilfab ® Products Available from PROFESSIONAL PLASTICS, INC.

Product	Description
<hr/> <u>Gillcore HA Honeycomb</u>	Commercial grade aramid paper reinforced phenolic (Nomex®) honeycomb core.
<hr/> <u>Gillcore HD Honeycomb</u>	Aramid paper reinforced phenolic (Nomex®) honeycomb core. Qualified to Boeing BMS 8-124 CI IV, McDonnell Douglas DMS 1974 Gr A, Lockheed STM 28-105/C28-105/LCM 28-1041, Northrop Grumman GC101 and Mil C 81986.
<hr/> <u>Gillcore HK Honeycomb</u>	Kevlar® N636 reinforced phenolic honeycomb core. High strength characteristics offer weight savings over Nomex. Qualified to BMS 8-124 CI VI.
<hr/> <u>Gillcore OXHD Honeycomb</u>	Aramid paper reinforced phenolic (Nomex®) honeycomb core whose cells are overexpanded to a rectangular shape to provide flexibility in curving or forming the honeycomb in the "W" direction.
<hr/> <u>Gillab 990C Table Top</u>	Fiberglass mat reinforced, chemical resistant polyester lab table top overlay.
<hr/> <u>Gillfab 1000 Laminate</u>	Woven fiberglass cloth reinforced acrylic laminate for aircraft windshield edge.
<hr/> <u>Gillfab 1002 Laminate</u>	Woven fiberglass cloth reinforced phenolic laminate. Service temperature range: 350 degrees F continuous, intermittent to 500 degrees F. Qualified to McDonnell Douglas specification DMS 1556.
<hr/> <u>Gillfab 1042 Laminate</u>	Woven fiberglass cloth reinforced phenolic laminate. Service temperature range: Up to 300 degrees F. Qualified to McDonnell Douglas specification DMS 1558, Type 2.
<hr/> <u>Gilliner 1066 Laminate</u>	Woven fiberglass cloth reinforced polyester, general purpose cargo liner. M.C. Gill proprietary product.
<hr/> <u>Gilliner 1076A Laminate</u>	Woven fiberglass cloth reinforced polyester, general purpose cargo liner. Qualified to Boeing specification BMS 8-2 Class 1.
<hr/> <u>Gilliner 1076B Laminate</u>	Woven fiberglass cloth reinforced polyester, high abrasion/wear resistant cargo liner. Qualified to Boeing specification BMS 8-2 Class 3.
<hr/> <u>Gillfab 1094 Laminate</u>	Woven fiberglass roving reinforced polyester general purpose ballistic laminate.

Gillfab 1100 Laminate

Woven fiberglass cloth reinforced polyester with white Tedlar® overlay face side, high impact resistant cargo liner. Qualified to McDonnell Douglas specification DMS 1946 Type 1.

Gillfab 1100G Laminate

Same as Gillfab 1100 Laminate, but no Tedlar® and green in color. Qualified to McDonnell Douglas specification DMS 1946 Type 2.

Gillfab 1102 Laminate

Woven fiberglass cloth reinforced phenolic, high impact resistant, low smoke and toxicity cargo liner with gray Tedlar® face side. Meets Fokker specification FON 1-4621.

Gillfab 1108 Laminate

Unidirectional fiberglass reinforced epoxy with White Tedlar® both sides, high impact resistant cargo liner. Qualified to Boeing specification BMS 8-100 Gr A.

Gillfab 1137 Laminate

Nylon cloth reinforced nylon fuel cell liner.

Gilliner 1166/1266 Laminate

Woven fiberglass cloth reinforced polyester cargo liner with glossy white .004" thick resin coating of Gillcoat on the face side for improved wear resistance, rigidity. M.C. Gill proprietary product.

Gillfab 1167 Laminate

Woven fiberglass cloth reinforced phenolic, very high impact resistant, low smoke and toxicity cargo liner with white Tedlar® on the face side. Qualified to McDonnell Douglas specification DMS 2226 Ty 1 CI 1.

Gilliner 1266/1166 Laminate

Woven fiberglass cloth reinforced polyester cargo liner with glossy white .004" thick resin coating of Gillcoat on the face side for improved wear resistance, rigidity. M.C. Gill proprietary product.

Gillfab 1342 Laminate

Gillfab 1042 Laminate with removable peel ply for bondability. Qualified to McDonnell Douglas specification DMS 1558, Type 4.

Gillfab 1360A Laminate

Woven Kevlar® 29 fabric reinforced phenolic, high performance ballistic laminate.

Gillfab 1360B Laminate

Woven aramid fabric reinforced phenolic, high performance ballistic laminate.

Gilliner 1366/1366T Laminate

Woven fiberglass cloth reinforced polyester, high impact resistant cargo liner. Qualified to Boeing specification BMS 8-2 CI 2 Gr A, De Havilland DHMS P1.42 CI B, Lockheed LAC-C-22-1249 CI 3, and Airbus 2550 M1M 0014 01. 1366T is same as 1366 but with a 1 mil white Tedlar® face side. Qualified to Boeing specification BMS 8-2 CI 2 Gr B.

Gillfab 1367 Laminate

Woven fiberglass cloth reinforced phenolic, very high impact resistant, low smoke and toxicity cargo liner with white Tedlar® on the face side for reflectivity. Qualified to Boeing specification BMS 8-223 CI 2 Gr B, all types, McDonnell Douglas

specification DMS 2419 Ty 50-90 and LAC-C-22-1249 CI 3.

Gillfab 1367A Laminate

Woven fiberglass cloth reinforced phenolic, high impact resistant, low smoke and toxicity cargo liner with white Tedlar® on the face side. Qualified to Boeing specification BMS 8-223 CI 2 Gr B Types 13 thru 40, McDonnell Douglas DMS 2419 CI 1 (Ty 13-40), and Airbus 2550 M1M 000800.

Gillfab 1367B Laminate

Woven fiberglass cloth reinforced phenolic, high impact resistant, low smoke and toxicity cargo liner with white Tedlar® on the face side. 20-25% lighter in weight than 1367A with no sacrifice to mechanical properties. Qualified to Boeing specification BMS 8-223 CI 4 Gr B, all types.

Gillfab 1367G Laminate

Gillfab 1367G is a high impact resistant, low smoke and toxicity, fiberglass reinforced phenolic laminate

Gillfab 1367M Laminate

Product designation for Gillfab 1367B Laminate manufactured in roll stock form.

Gillpatch 1367P Laminate

Gillpatch™ 1367P System is a low smoke and toxicity, fiberglass reinforced, phenolic laminate patch for repair of limited damage to cargo liner sandwich panels in Airbus aircraft – refer to specific Airbus AMM for application and limitations.

Gillfab 1394 Laminate

S-2 Glass® roving reinforced phenolic, high performance ballistic laminate.

Gillite 1401 Laminate

Gillite™ 1401 Transparent Laminate is a fiberglass cloth reinforced polyester sheet. It is designed for use in any applications, where transparency combined with high strength and flammability characteristics are of primary concern.

Gillfab 1566 Laminate

Aramid (Kevlar®) cloth reinforced polyester lightweight cargo liner with white Tedlar® on the face side. Qualified to de Haviland specification DHMS P1.42 CI A.

Gillfab 1694 Laminate

Gillfab 1694 is a high performance laminate made from e-glass woven roving reinforced phenolic resin.

Gillfab 3072 Profile

Woven fiberglass reinforced phenolic "h" profile used for the installation of cargo decompression panels. Qualified to Airbus technical specification 2550 M1M 0004 00.

Gillfab 4004 Panel

Unidirectional S-2 Glass® reinforced phenolic facings/aramid honeycomb core floor panel. Qualified to McDonnell Douglas specification 7954401, Ty 1.

Gillfab 4004A Panel

Unidirectional S-2 glass® reinforced phenolic facings/Nomex® honeycomb core floor panel. Qualified to BAe specification BAER 3232.

Gillfab 4004B Panel

Unidirectional S-2 glass reinforced phenolic facings/Nomex® honeycomb core floor

panel. Qualified to BAe specification MAT 006.

Gillfab 4009 Panel

Unidirectional graphite reinforced epoxy facings/Nomex® honeycomb core floor panel. Qualified to Embraer specification MEP 15-030.

Gillfab 4014 Panel

Aluminum facings/aluminum honeycomb core sandwich panel.

Gillfloor 4017T Panel

Unidirectional S-2 glass reinforced epoxy facings/Nomex® honeycomb core floor panel. Qualified to McDonnell Douglas specification BZZ 7002 Types 1 thru 3, Embraer MEP 15-031 and BAe MAT 003.

Gillfab 4018/S/T Panel

Unidirectional fiberglass reinforced phenolic facings/Nomex® honeycomb core floor panel. Qualified to Fokker specification FoN 1.4350.

Gillfab 4019 Panel

Unidirectional graphite/ woven fiberglass reinforced phenolic facings/Nomex® honeycomb core floor panel. Qualified to Fokker specification FoN 1.4354.

Gillfab 4022A/B Panel

Woven fiberglass reinforced phenolic facings/ Nomex® honeycomb core sandwich panel. Qualified to McDonnell Douglas specifications 9100059, S3933941, S3933942.

Gillfab 4030 Panel

Aluminum facings/aluminum honeycomb core sandwich panel. Qualified to Lockheed specification LAC-C-28-1145 Ty 5, 7, 9 and 10.

Gillfab 4034 Panel

Gillfab™ 4034 panel is a high performance sandwich panel with epoxy resin pre-impregnated carbon facings and aluminum core.

Gillfab 4088 Panel

Unidirectional glass reinforced epoxy facings/aluminum honeycomb, high strength sandwich panel. Qualified to Lockheed specification LAC-C-28-1147 Ty 11A.

Gillfab 4101 Panel

Aluminum facings/aluminum honeycomb core semi structural sandwich panel. Qualified to Learjet specification LES 1247.

Gillfab 4105A/B Panel

Woven fiberglass cloth reinforced epoxy facings/Nomex® honeycomb core floor panel. Qualified to Airbus technical specification TL53/500/79 Ty 1 and 2.

Gillfab 4105C Panel

Woven fiberglass cloth reinforced epoxy facings/Nomex® honeycomb core floor panel.

Gillfab 4106A/B Panel

Aluminum facings/Nomex® honeycomb core floor panel. Qualified to McDonnell Douglas specification no. S3932194.

Gillfab 4109 Panel

Unidirectional carbon reinforced phenolic/Nomex® honeycomb core, low smoke floor panel. Qualified to McDonnell Douglas specification 9D0207 Ty 1 and 2, and BAe specification BAeR 3247.

Gillfab 4122A Panel

Woven fiberglass cloth reinforced phenolic facings/Nomex® honeycomb core, low smoke and toxicity, sandwich panel. Qualified to McDonnell Douglas specification 3962952 and Embraer specification MEP15-029.

Gillfab 4122B

A light weight sandwich panel constructed of woven glass reinforced phenolic facings bonded to Nomex® honeycomb core. Face side features a 2 mil white Tedlar® overlay.

Gillfab 4123 Panel

Woven fiberglass cloth reinforced phenolic facings/ Nomex® honeycomb core floor panel.

Gillfab 4201 Panel

Data on this product is available by contacting M.C. Gill Corporation. Phone: 626-443-4022; Fax: 626-350-5880; Email: info@mcgillcorp.com

Gillfab 4205 Panel

Unidirectional carbon reinforced phenolic facings/Nomex® honeycomb core floor panel. Qualified to Airbus technical specification no. 5360 M1B 000100.

Gillfab 4223 Panel

Woven fiberglass cloth reinforced phenolic facings/Nomex® honeycomb core floor panel. Qualified to Airbus technical specification 5360 M1B 000500, (BCC2).

Gillfab 4230 Panel

Gillfab 4230 is an aircraft structural sandwich panel composed of aluminum skins bonded to an aluminum honeycomb core, and qualified to Raytheon Specification TMS 11-903.

Gillfab 4322 Panel

S-2 glass reinforced phenolic facings//Nomex® honeycomb core floor panel. Qualified to Airbus technical specification 5360 M1B 000100.

Gillfab 4323 Panel

S-2 glass reinforced phenolic facings/Nomex® honeycomb core floor panel. Qualified to Airbus technical specification 5360 M1B 000100.

Gillfab 4405A/B Panel

Type 1 - Woven fiberglass cloth reinforced epoxy facings/Nomex® honeycomb core floor panel. Type 2 identical except for a sheet of aluminum foil bonded to the bottom facing. Qualified to Airbus technical specification TL53/5000/79, Annex A Types 1 and 2.

Gillfloor 4417 Panel

Unidirectional fiberglass reinforced epoxy facings/Nomex® honeycomb core floor panel. Qualified to Boeing specification BMS 4-17, Ty I thru V, IX and Drawing 69B15779 (Ty V).

Gillfloor 4417A Panel

Unidirectional fiberglass reinforced epoxy facings/Nomex® honeycomb core floor panel. Qualified to Boeing specification BMS 4-17, Ty VI.

Gillfab 4422 Panel

Woven fiberglass cloth reinforced phenolic laminate with 1 mil Tedlar® overlay/Nomex® honeycomb core, high-impact resistant cargo liner panel. Qualified to Airbus technical specification 2550 M1M 0008 00.

Gillfab 4505 Panel

Unidirectional carbon/woven glass reinforced phenolic facings/Nomex® honeycomb core floor panel.

Gillfloor 4509 Panel

Unidirectional carbon reinforced phenolic facings/Nomex® honeycomb core, low smoke and toxicity, light-weight floor panel. Qualified to McDonnell Douglas drawing 7954400, all types.

Gillfab 4522 Panel

Woven fiberglass cloth reinforced phenolic facings/Nomex® honeycomb core floor panel. Qualified to Airbus technical specification 5360 M1M 000500, (CCC1).

Gillfab 4605 Panel

Unidirectional carbon/woven fiberglass reinforced phenolic facings/Nomex® honeycomb core, low smoke and toxicity floor panel. Qualified to Airbus technical specification 5360 M1M 000600, (PC1).

Gillfloor 4609 Panel

Unidirectional carbon reinforced phenolic facings/Nomex® honeycomb core, low smoke and toxicity, light-weight floor panel. Qualified to BAe specification AVN 3-005.

Gillfloor 4709 Panel

Unidirectional carbon reinforced epoxy facings/Nomex® honeycomb core floor panel. Qualified to Boeing specification BMS 4-20, Types II and III.

Gillfloor 4809 Panel

Unidirectional carbon reinforced epoxy facings/Kevlar® N636 honeycomb core floor panel. Qualified to Boeing specification BMS 4-20, Types VI, VII, VIII and IX.

Gillfab 4909 Panel

Gillfab™ 4909 is a family of low smoke aircraft sandwich panels with facings made from epoxy resin reinforced with cross-plyed unidirectional carbon and woven fiberglass fabric bonded to Kevlar® honeycomb core.

Gillfloor 5007A Panel

Woven fiberglass cloth reinforced polyester facings/9.0 pcf avg.end grain balsa wood core floor panel. M.C. Gill proprietary.

Gillfloor 5007B Panel

Similar to Gillfloor 5007A Panel, but with higher climbing drum peel strength. M.C. Gill proprietary.

Gillfloor 5007C Panel

Same as Gillfloor 5007B Panel, but with mat overlay for enhanced abrasion/wear resistance and increased durability. M.C. Gill proprietary.

Gillfloor 5007D Panel

The Gillfloor 5007D cargo floor panel was developed in response to freight carriers' requests for a more durable, impact resistant panel for use in areas subjected to high abuse. It is constructed of heavy, uni-directional fiberglass reinforced, vinyl

ester facings bonded to an end-grain balsawood core. An abrasion resistant top surface is integrally bonded to the panel.

Gillfab 5017 Panel

Woven fiberglass cloth reinforced epoxy facings/Nomex® honeycomb core sandwich panel. Qualified to Lockheed specification LAC-C-28-1247.

Gillfab 5019 Panel

Woven fiberglass reinforced epoxy facings/fire retardant urethane foam sandwich panel.

Gillfab 5020 Panel

Aluminum facings/crushed aluminum honeycomb core, thin, lightweight sandwich panel. It is as rigid as sheet aluminum, but weighs half as much. Qualified to Lockheed specification LCM 28-1033, and Learjet specification LES 1070.

Gillfab 5030 Panel

Aluminum facings/aluminum honeycomb commercial grade sandwich panel.

Gillfab 5040 Panel

Aluminum facings/9.0 pcf avg. end grain balsa wood core sandwich panel.

Gillfab 5042 Panel

Aluminum facings/9.0 pcf avg. end grain balsa wood core floor panel. Qualified to Boeing specification BMS 4-10, Type 1, Grades A thru G.

Gillfab 5042B Panel

Aluminum facings/9.0 pcf avg. end grain balsa wood core floor panel. Qualified to McDonnell Douglas specifications S3932193, S3932195 and S4931863.

Gillfloor 5065 Panel

Unidirectional fiberglass reinforced epoxy facings/aluminum honeycomb core floor panel. Qualified to McDonnell Douglas specification BZZ 7002 Ty IV and V.

Gillfab 5071A/5072A Panel

Woven fiberglass reinforced phenolic facings/Nomex® honeycomb core, lightweight, high performance, low smoke and toxicity sandwich panel.

Gillfab 5075 Panel

Gillfab 5075 is a family of lightweight, high performance sandwich panels designed for use in aircraft cabin interior structures such as galleys, lavatories, bulkheads, partitions, stowage compartments and crew rests.

Gillfab 5101 Panel

Aluminum facings/aluminum honeycomb core, with corrosion inhibiting primer on the bonding side. Qualified to Learjet specification LES 1277.

Gillfab 5120 Panel

Gillfab 5120 Panel is a very thin sandwich panel made with aluminum skins and aluminum honeycomb.

Gillfab 5142 Panel

An aircraft grade sandwich panel made from aluminum alloy facings bonded to end grain balsa wood core. McDonnell Douglas Drawing S4929905.

Gillfab 5142A Panel

An aircraft grade sandwich panel made from aluminum alloy facings bonded to end grain balsa wood core. McDonnell Douglas Drawing S4929962.

Gillfab 5202 Panel

Data on this product is available by contacting M.C. Gill Corporation.
Phone: 626-443-4022; Fax: 626-350-5880; Email: info@mcgillcorp.com

Gillfab 5242 Panel

Aluminum facings, 9.0 pcf avg end grain balsa wood core with a .020 fiberglass reinforced epoxy overlay face side, floor panel. Qualified to McDonnell Douglas specification S00096.

Gillfloor 5424 Panel

Unidirectional fiberglass reinforced epoxy facings/aluminum honeycomb core floor panel. Qualified to Boeing specification BMS 4-23 Types I and II.

Gillfab 5433C Panel

Aluminum facings/ woven fiberglass reinforced epoxy core floor panel. Qualified to Boeing specification BMS 7-326, Type VII, Class 2/1.

Gillfab 5433E Panel

Gillfab 5433E sandwich panel is made from aluminum facings bonded to a woven fiberglass reinforced epoxy core.

Gillfab 5509 Panel

Gillfab™ 5509 panel is a low smoke aircraft sandwich panel with facings made from phenolic resin reinforced with crossplied unidirectional carbon and Kevlar™ honeycomb core.

Gillpatch III Repair System

Woven fiberglass reinforced phenolic laminate with an intumescent barrier front side, pressure sensitive adhesive back side, cargo liner repair patch.

For any of these products, please contact:

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