

The Gill Corporation Quality Policy

The Gill Corporation provides products and services that always meet or exceed our customer requirements. We will continually improve the effectiveness of the quality management system to meet the needs of all interested parties – our employees, suppliers, and customers.



THE GILL CORPORATION

The Gill Corporation
International Headquarters

4056 Easy Street • El Monte, CA 91731 USA

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THE GILL CORPORATION



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International headquarters is located in El Monte, California, in an area blessed with moderate weather and views of 6,000 foot Mount Wilson and the San Gabriel Mountains.

The vast majority of high performance composite products we develop and manufacture serve the aerospace and defense markets. We are world renowned for cargo liners used in commercial aircraft baggage compartments. Additionally, The Gill Corporation floor panels and interior panels are standard OEM and replacement equipment on many aircraft. Our honeycomb products have a wide range of uses in everything from engine nacelles to structural components.

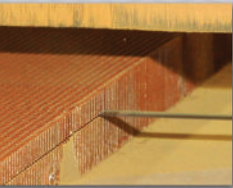
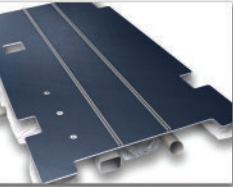
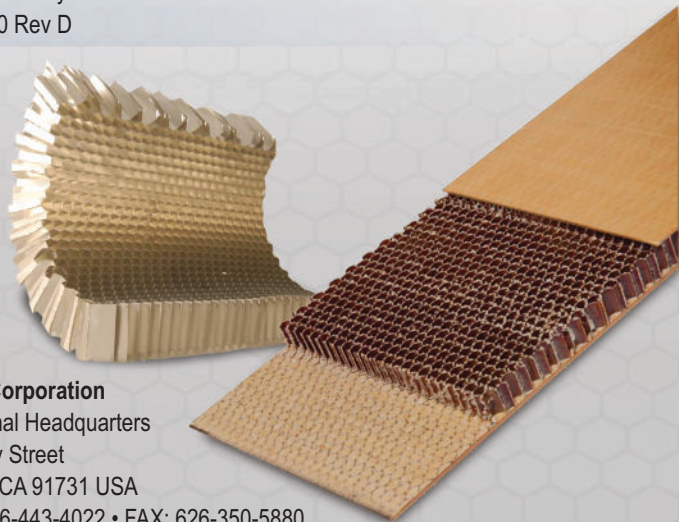
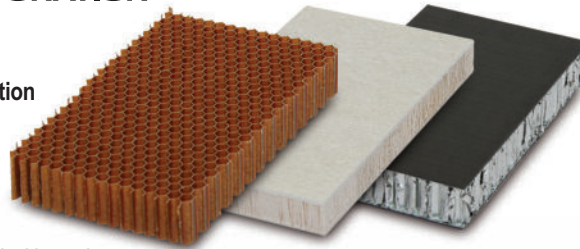
Our products are also used in non-aircraft applications such as marine, rail, entertainment, recreation and the automotive industry. We have products used in spacecraft – including some that now rest on the surface of the Moon.

CAPABILITIES

- Manufactures Nomex® and Kevlar® honeycomb
- Prepregs and adhesives for internal use
- Cargo liners, floor panels, and specialty laminates
- Comprehensive product testing
- Final assembly
- AS 9100 Rev D

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THE GILL CORPORATION Specified Products

| Designation | OEM Specification |
|---------------------------------------|-------------------------------|
| Airbus | |
| Gillcore HD | AIMS 11-01-001/ABS/5035 |
| Gillcore HK | AIMS 11-01-004 |
| Gillfab 1367A | 2550 M1M 000800 |
| Gillfab 3072H | 2550 M1M 000400 |
| Gillfab 4223 | 5360 M1M 000500 BCC2 |
| Gillfab 4405A/B | TL53/5000/79 Issue 8 PC3-1,-2 |
| Gillfab 4422 | 2550 M1M 000800 |
| Gillfab 4505 | 5360 M1M 000600 PC3 |
| Gillfab 4522 | 5360 M1M 000500 CCC1 |
| Gillfab 4523 | 5360 M1M 000500 Issue 6 BCC3 |
| Gillfab 4605 | 5360 M1M 000600 PC1 |
| Gilliner 1366/1366A/1366T/1366C/1366F | 2550 M1M 001401 |
| Gillpatch III | Airbus IPS 08-07-001-01 |
| Gillpatch 1367P | Airbus IPS 08-07-002-02 |
| Boeing | |
| Gillcore HD | BMS 8-124 CI IV |
| Gillcore HK | BMS 8-124 CI VI |
| Gillfab 1367, 1367A | BMS 8-223 CI 2 Gr B |
| Gillfab 1367B | BMS 8-223, CI 4, GrB |
| Gillfab 1367G | BMS 8-223, CI 5, GrB |
| Gillfab 5042 | BMS 4-10 Ty I, Gr A-G |
| Gillfab 5433E | BMS 7-326 |
| Gillfloor 4417, 4417A | BMS 4-17 Ty I-VI, IX |
| Gillfloor 4709 | BMS 4-20 Ty II,III |
| Gillfloor 4809 | BMS 4-20 Ty VI,VII,VIII,IX |
| Gillfloor 5424 | BMS 4-23 Ty I,II,III |
| Gilliner 1076C | BMS 8-2 CI 1, GrA |
| Gilliner 1076D | BMS 8-2 CI 3, GrA |
| Gilliner 1366/1366A/1366T/1366C/1366F | BMS 8-2 CI 2 |
| Embraer | |
| Gillcore HD | MEP 15-010 |
| Gillfab 4009 | MEP 15-030 |
| Gillfab 4117 | MEP 15-017 Ty I, III - XIX |
| Gillfab 4122A | MEP 15-029 |
| Gillfab 5040 | MEP 02-011 |
| Gillfloor 4017T | MEP 15-031 |
| McDonnell Douglas | |
| Gillcore HD | DMS 1974 |
| Gillfab 1100 | DMS 1946 |
| Gillfab 1167 | DMS 2226 Ty 1 CI 1 |
| Gillfab 1367, 1367A | DMS 2419 CI 1 |
| Gillfab 4004 | PT# 7954401, Ty I |
| Gillfab 4109 | DWG 7954400 Ty I, 2 |

| Designation | OEM Specification |
|---------------------------------------|---|
| McDonnell Douglas (cont.) | |
| Gillfab 5042B | S3932193, S3932195 |
| Gillfab 5142 | S4929905 |
| Gillfab 5142A | S4929962 |
| Gillfab 5242 | S00096 |
| Gillfab 5242A | S4932048 |
| Gillfloor 4017T | BZZ 7002 Ty I,II,III |
| Gillfloor 4022 | DWG 9100059, DWG S3933942, DWG S3933941 |
| Gillfloor 4417 | BZZ 7002 Ty I,II |
| Gillfloor 4509 | 7954400 |
| Gillfloor 5065 | BZZ 7002 Ty IV,V |
| Lockheed | |
| Gillcore HD | STM 28-105, G28001 |
| Gillcore HK | 5PTMDL17-D / LMA-MD017 |
| Gillfab 1367,1367A | LAC C 22 1249 |
| Gillfab 4030 | LAC C 28 1145 Ty V,VII,IX,X |
| Gilliner 1366/1366A/1366T/1366C/1366F | LAC C 22 1249 |
| Dassault Falcon Jet | |
| Gillfab 4034 | 7700262 |
| Northrop Grumman | |
| Gillcore HD | GC101 |
| Gillcore HK | ACS-MRS-5301 |
| British Aerospace | |
| Gillfab 4004A | BAER 3232 |
| Gillfab 4004B | MAT 006 |
| Gillfab 4109 | BAER 3231, 3247 |
| Gillfloor 4017T | MAT 003 |
| Gillfloor 4609 | AVN 3-005 |
| De Havilland | |
| Gilliner 1366/1366A/1366T/1366C/1366F | DHMS P1.42 GrB |
| Sikorsky | |
| Gillcore HK | SS9217 |
| Bell Helicopter | |
| Gillcore HD | 299-947-103 |
| Gillcore HK | 299-947-386 |
| Bombadier | |
| Gillcore HD | SMS 35 |
| ATK | |
| Gillcore HK | MS 201 |



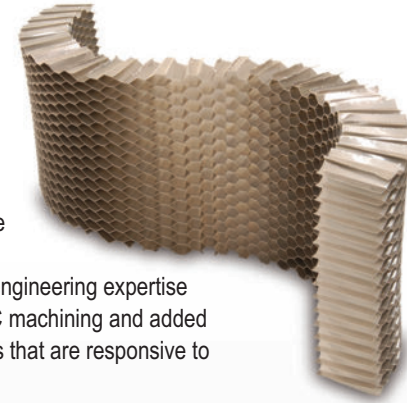
THE GILL CORPORATION

VALUE-ADDED FABRICATION AND PRECISION MACHINING

- Precision machining of titanium and specialty alloys
- Chamfering
- Die cutting
- High-speed, hand routing of doublers and rebates
- Roll forming
- Vacuum oven curing for splice, septum and skin bonding
- Potting and densification for hard attach points
- 3-axis and 5-axis CNC machining
- 3-D design and modeling
- Paintings/coatings, sealants
- Inserts, fittings, edge-fill
- Welding



The Gill Corporation - Maryland has long been a leader in providing high-quality, lightweight structural core materials to the aerospace, marine, construction, rail and industrial markets. With a wide variety of structural honeycomb core materials, The Gill Corporation - Maryland can draw upon its broad engineering expertise along with sophisticated 5-axis CNC machining and added value processing to deliver solutions that are responsive to customer needs.



Today The Gill Corporation - Maryland complex includes separate buildings for metallic & non-metallic honeycomb operations located approximately 20 miles north of Baltimore, Maryland. Lean manufacturing principles provide efficient work flow to reduce lead times, improve quality, and drive out waste. The Gill Corporation - Maryland's FORM B facilities maintain ISO 9001:2000, AS 9100 Rev. D and NADCAP quality approvals.

CAPABILITIES

- Standard aluminum honeycomb in block, slice or expanded form to many aerospace specifications
- Corrosion protection using PAA process
- Honeycomb for non- aerospace activities such as clean rooms, railway carriage doors and panels
- Honeycomb impact limiters for nuclear, rail and automotive uses
- Lightning strike protection for composite structures
- Machined honeycomb for: Engine nacelles: (Aluminum and Nomex®), Flight controls (Aluminum and Nomex®), Fairings

KEY PRODUCT LINES

- PAA-CORE®** Ultra-high performance aluminum honeycomb
- DURA-CORE®** High performance aluminum honeycomb
- CGH™** Commercial grade aluminum honeycomb
- HIGRID®** High-strength corrugated aluminum honeycomb
- TRUSSGRID®** Three-dimensional aluminum honeycomb
- STRIKEGRID®** Continuous expanded aluminum foil for lightning strike protection
- SHAPEGRID®** Custom-contoured honeycomb
- HUSHGRID®** Custom acoustic treatment for engine nacelles

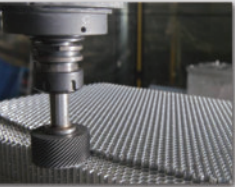
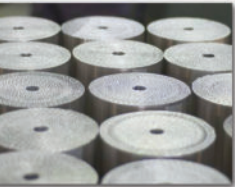
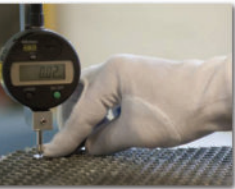
PROCESS SPECIFICATIONS

Alenia Aermacchi TPS9040, TPS9042; **Boeing** DPS 1.99, PS14120, PS14123, PS14214, PS14223, DPS1.99, PS14120; PS14123; PS14124; PS14214; PS14223; PS14999, BMS 4-4; BMS 4-6, BAC 5317; D210-12062-1; **MRAS** STPB-73103, STPM-74100; **Rohr** RPS 24.04, RPS 24.16; RPS 24.17

The Gill Corporation - Maryland

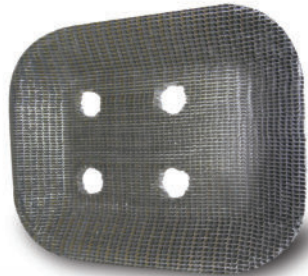
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The Gill Corporation - France

Offers broad capabilities in structural core materials technology in Europe, including aluminum honeycomb, with special processing expertise and an in-house design office. The Gill Corporation - France manufactures sandwich panels from simple shapes to extremely complex parts and advanced aluminum honeycomb shock absorption materials for kinetic energy absorption of high-speed trains and automotive safety.



The Gill Corporation - France is the only company in Europe offering this range of capabilities and expertise in structural core materials technology and technical bonding.

CAPABILITIES

- Honeycomb manufacturing
- Precision processing
- Sandwich panel manufacturing
- Shock and energy absorption design and manufacturing

KEY PRODUCT LINES (In-House)

- **CGH ALPHEX™** Commercial grade aluminum honeycomb for railways, ship building, architecture & light mechanical constructions
- **NIDA™** Aerospace grade aluminum honeycomb (IGC and ASNA 4357 compliant)
- **ALCOPAN™** Sandwich panels for the industrial market. Available in all thicknesses, with either aluminum skins (Alcopan AL) or glass-epoxy skins (Alcopan GE) over aluminum honeycomb core

QUALIFICATIONS

- EN9100
- NADCAP



The Gill Corporation - France

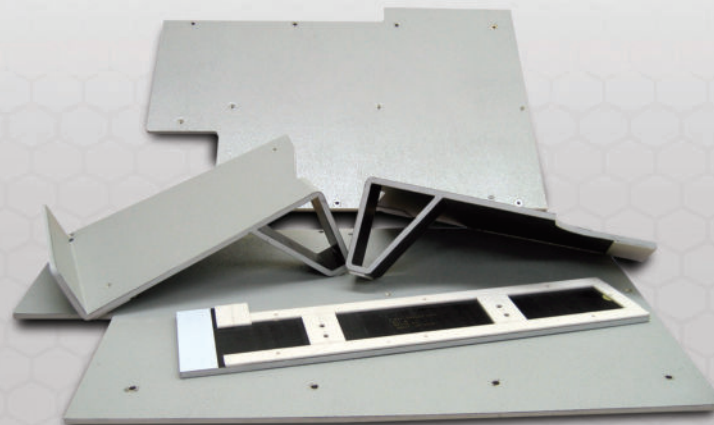
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The Gill Corporation Europe, Ltd. excels at detailing composite sandwich panels, creating complex assemblies, and manufacturers aircraft insulation bags. The Gill Corporation Europe, Ltd. offers additional fabrication services and provides stocking and distribution of Gillfab® and Gillfloor® flooring and cargo liner composite materials for immediate European delivery.



CAPABILITIES

- Import design data from Catia, CADDs and other software
- CNC machining
- Creation/verification of NC programs
- In-house manufacture of fold tools
- Edge filling, fitting inserts, painting, application of seals
- Manual assembly
- Kitting
- Honeycomb detailing
- Insulation
- Bonding leads
- Spares and OEM support
- Gillfab® and Gilliner® floor panel and cargo liner materials



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