## Material Qualifications and Process Specification

| Customer | Material Qualification | Process Specification |
|---|---|---|
| **Bell Textron** | 299-947-059 Core - Aluminum Honeycomb | |
| **Boeing** | BMS 4-4 - Honeycomb Core 5052 Aluminum Alloy<br>BMS 4-25 - Honeycomb Core 5056 Aluminum Alloy<br>BMS 4-6 Formgrid - Flexible 5052 Aluminum Alloy Core<br>DMS 1588 - Core Material: Aluminum Alloy Honeycomb<br>MMS 714 - 5056 Honeycomb, Corrosion<br>MMS 728 - 5056 Aluminum Honeycomb | D1-4426<br>D6-53993<br>BAC 5317<br>BAC 5514 |
| **DeCranes / Pat's** | Process Standard PS-28 Aluminum Honeycomb Core | |
| **General Dynamics** | P190 - Core, Honeycomb, 5052 Aluminum Alloy Corrosion Resistant Coated | |
| **Goodrich** | RMS 026 - 5052/5056 Aluminum Alloy Honeycomb<br>RMS 1588 - Aluminum Alloy Honeycomb Core | |
| **Hispano-Suiza** | BLGG 500801- Corrugated 5052 or 5056 Metallic Honeycomb PAA Treated<br>BLGG 500601- Hexagonal 5052 or 5056 Metallic Honeycomb PAA Treated | |
| **Lockheed Martin Astronautics** | STM Y 1071- 5052/5056 Hexagonal Aluminum Honeycomb Material | |
| **Lockheed Martin** | FMS 3010 - Aluminum Honeycomb Core Material | |
| **Middle River Aircraft** | STM P-Y 100 - Aluminum Honeycomb Material | STP-65P113 - Process for Fabrication<br>72M001 - Drawing Control Specification |
| **Military** | MIL C 7438 - Core Material, Aluminum, for Sandwich Construction<br>MIL A 81596 - Aluminum Foil for Sandwich | |
| **Northrop Grumman** | NAI 1171 - Core Material, Aluminum Alloy 5052 - H39 Corrosion Resistant | |
| **Raytheon Aircraft** | BS 25017 - Metallic Honeycomb Core | |
| **Saab** | STD 124210-005 - Aluminum Foil Aircraft Grade<br>STD 124212 - 5052 Honeycomb Core | |
| **SAE** | AMS 4348 - Core, Honeycomb, 5052 Aluminum Alloy Corrosion Inhibited 350F Service<br>AMS 4349 - Core, Honeycomb, 5056 Aluminum Alloy Corrosion Inhibited 350F Service | |
| **Shorts** | SMS 58 - Aluminum Alloy Honeycomb Core<br>SMS 78 - High Density Aluminum Alloy Honeycomb Core | |
| **Sonaca** | SMS 1003 - Non-Perforated Corrosion Resistant Aluminum Alloy Honeycomb | |
| **Vought Aircraft** | GC 100B - Core Material, Honeycomb 5052 Alloy<br>GC 100G - Core Material, Honeycomb 350F Service<br>GC 100F - Core Material, Honeycomb 5052 Alloy<br>GC 100M - Core Material, Honeycomb 5056 Alloy<br>GC 100N - Core Material, Honeycomb 5052 Alloy | |