



< PAMG-XR1 5052
Aluminum Honeycomb

EMI/RFI Shielding Vents

Electromagnetic Interference and Radio Frequency Interference Applications

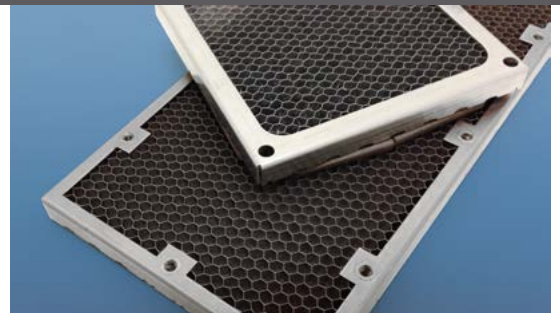
Plascore offers several honeycomb cores for EMI / RFI Shielding vent panels. The open cell structure of honeycomb allows for maximum cooling air flow, while creating a barrier for reduced EM and RF emissions from electronic equipment. Plascore offers both corrosion coated and uncoated aluminum honeycomb, as well as a coatable polycarbonate honeycomb for this application. Plascore honeycomb can also be provided with its cell axis angled off the honeycomb surface plane at 30, 45 and 60 degrees. Die stamped, machined and cut to size capabilities are also offered.

Plascore honeycomb is available in a variety of cell size, densities and geometry that offers:

- Broad range of shielding effectiveness
- Increased air flow for improved component cooling
- Minimized pressure drop
- Damage tolerance

Applications

- Telecommunication hardware
- Server Racks
- Amplifiers
- Storage Cabinets
- Personal Computers
- Room Enclosures
- Fans



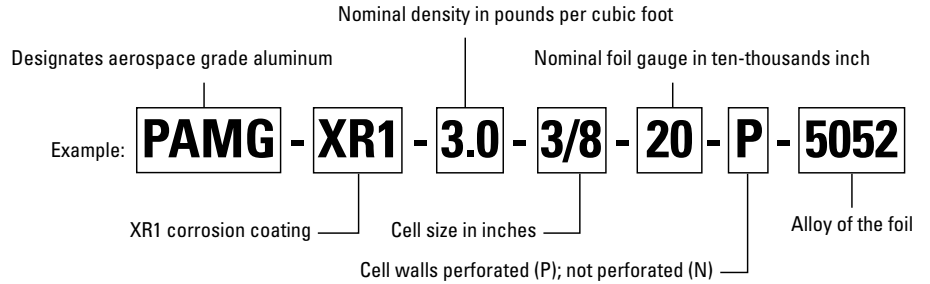
PAMG-XR1 5052 aluminum honeycomb is specified as follows:

Trade Name - Corrosion Coating - Density - Cell Size - Foil Gauge - Perforation - Alloy

Cell Size	1/16	1/8
Density	12.0	4.5

Product Availability:

- 1/8" cell, 6.1 and 8.1 pcf typical
- 1/8" cell, Perf or Non Perf
- 1/16" cell, 12.0 pcf typical up to 48" x 48" sheet sizes
- Corrosion or No Corrosion coating
- Max Sheet sizes on Angled cuts:
45 degree: 24" x 48"
30 and 60 degree: 20" x 48"

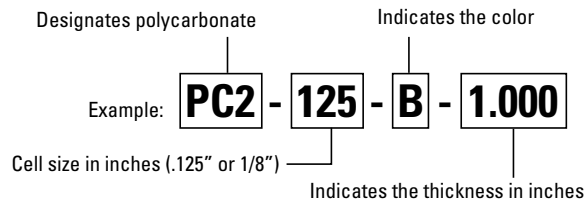


PC2 Polycarbonate Availability

Cell Size	1/8	1/4	3/8	1/2
Density	5.0	4.0	5.0	5.0

PC2 polycarbonate honeycomb is specified as follows:

Material - Cell Size - Color - Thickness



Plascore, Inc., employs a quality management system that is Nadcap, AS9100, ISO 9001 and ISO 14001 certified.

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