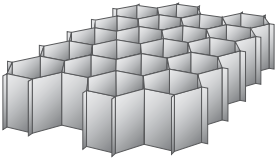




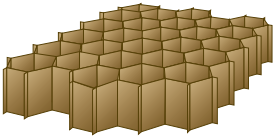
HONEYCOMB SELECTOR GUIDE

Metallic Honeycomb



	Density Range (pcf)	Service Temperature Limit (F)	Moisture Resistance	Chemical Resistance	Strength	Stiffness	Smoke & Fire Resistance	Air/Fluid Flow Medium	Machinable	Thermal Conductivity	Radar Transparency	RFI Shielding	Energy Absorbing	Formable	Cost
PCGA-3000 Series Commercial	1.4-5.2	350	○ ○ ● ● ● +	○ ○ ● ● ● +	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	n/a ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	-
PAMG-5052 Military	1.0-8.1	350	○ ○ ● ● ● +	○ ○ ● ● ● +	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	n/a ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○
PAMG-5056 Military	1.0-8.1	350	○ ○ ● ● ● +	○ ○ ● ● ● +	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	n/a ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○
PAHD-5052 High Density	14.5-55.0	350	○ ○ + + ● ○	○ ○ + + ● ○	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	n/a ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	●
SSH Stainless Steel	5.3-7.1	350	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	n/a n/a ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	○ ● ● ● ● ●	●

Aramid Fiber Honeycomb



PN1 Nomex Commercial	2.0-6.0	350	● ○ ● ○ +	● ○ ● ○ +	○ ● ● ● ● ●	n/a ○ - ○ n/a	○ - ○ n/a n/a ○ ○
PN2 Nomex Aerospace	1.8-9.0	350	● ○ ● ○ +	● ○ ● ○ +	○ ● ● ● ● ●	n/a ○ - ○ n/a n/a ○ ●	
PK2 Kevlar Aerospace	2.0-6.0	350	● ○ ● ○ +	● ○ ● ○ +	○ ● ● ● ● ●	n/a ○ ■ ○ n/a n/a ○ +	

Thermoplastic Honeycomb



PC2 Polycarbonate	4.0-20.0	200	+ ○ ○ ○ ○ +	+ ○ ○ ○ ○ +	○ ● ● ● ● ●	○ - ○ n/a n/a ○ ○	○ - ○ n/a n/a ○ ○
PP Polypropylene	3.5-20.0	200	+ ● - - - ○	+ ● - - - ○	○ ● ● ● ● ●	○ - ○ n/a n/a ○ ○	○ - ○ n/a n/a ○ ○

■ Very Low - Low ○ Medium ● High + Very High

Plascore, Inc., employs a quality management system that is AS/EN/JISQ 9100, ISO 9001:2008 and ISO 14001:2004 certified.

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Corporate Headquarters

Plascore Incorporated
 615 N. Fairview St.
 Zeeland, MI 49464-0170
 Phone (616) 772-1220
 Toll Free (800) 630-9257
 Fax (616) 772-1289
 Email sales@plascore.com
 Web www.plascore.com

Europe

Plascore GmbH&CoKG
 Feldborn 6
 D-55444 Waldlaubersheim
 Germany
 Phone +49(0) 6707-9143 0
 Fax +49(0) 6707-9143 40
 Email sales.europe@plascore.de
 Web www.plascore.de

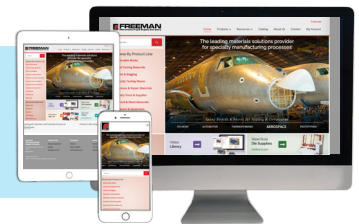
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For part numbers, technical documents, and ordering, visit our website at www.FreemanSupply.com.



Join Freeman 360° today! Use your Customer Number to create an online account on FreemanSupply.com!

Your Freeman Customer Number can be found on any invoice.



Typical Panel Options

Skin Materials:

- Aluminum
- Stainless Steel
- High Pressure Laminate
- Glass/Epoxy Prepreg
- G10 Fiberglass
- For other materials, please contact us.



Skin Finishes:

- Clear Epoxy Primer
- Mill Finish
- Bond and/or Paint Ready
- Decorative
- Powder Coat
- For other finishes, please contact us.



Honeycomb Cores:

- Aluminum (Commercial and Aero/Military Grade)
- Stainless Steel
- Nomex® (Commercial and Aero/Military Grade)
- Kevlar® (Aero/Military Grade)
- Polypropylene
- Polycarbonate



Adhesives:

- Commercial grade toughened epoxy
 - Cost-effective
 - Service Temperatures up to 180°F.
- Modified Epoxy Film Adhesive
 - Service Temperature options up to 400°F.
 - Multiple weights available
 - Can be MIL spec or ASTM certified
- Other adhesive types available by request.



Sizes:

- Thickness: 1/8"– 3" standard
- Width: 48" and 60" standard
- Length: Up to 190" standard
- For all other sizes, please contact us.



These are all standard options. Please contact your Plascore Sales Representative to ask about all other options.

