



Honeycomb Core

PAMG-XR1 5052 >  
Aluminum Honeycomb

< PC2 Polycarbonate  
Honeycomb

# FlowCore™

## Honeycomb Core Engineered for Air, Fluid and Light Flow

Plascore Aluminum and PC2 Honeycomb cores are used in various applications for straightening, directing and filtering air, fluid and light flow. With its open cell structure, often exceeding 95%, Plascore honeycomb cores allow maximum flow with minimal resistance.

Plascore honeycomb cores are lightweight for easy handling, yet exhibit tough, impact-resistant qualities, making them ideal solutions for air, fluid and light flow:

- Turbulent to Laminar
- Redirect
- Focus / Concentrate

### Applications

- Wind Tunnels
- Refrigerated Cases
- HVAC
- Wave Pools
- Fuel Filters
- Fountains
- Fluid Baffles
- Lighting & Photography Filters
- Directional Stage Lighting
- Skylights



PLASCORE®

## PC2 Polycarbonate Availability

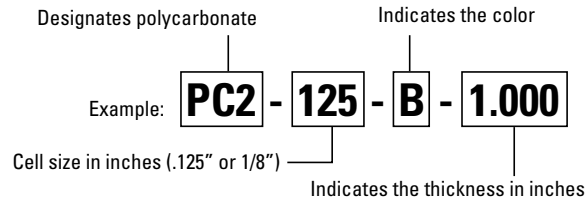
PC2 polycarbonate honeycomb is typically used for water, air and light flow applications. It is typically unaffected by moisture and is available in the following cell sizes.

Cell Size	1/8	1/4	3/8	1/2
Density	5.0	4.0	5.0	5.0
% Open*	70	80	85	95

\* Effective open area

**PC2 polycarbonate honeycomb is specified as follows:**

Material - Cell Size - Color - Thickness



## PCGA-XR1 3000 Series Availability

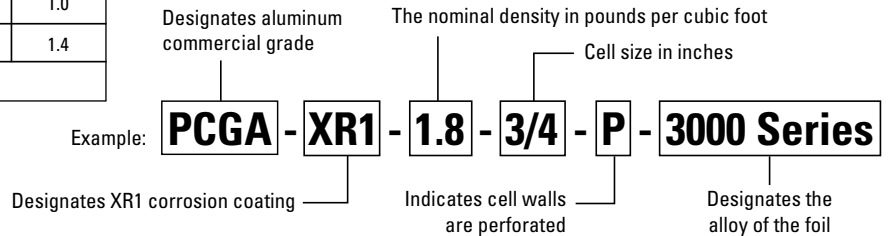
PCGA-XR1 3000 Series honeycomb is typically used in higher velocity wind tunnels and lighting applications and is available in four forms: unexpanded blocks, unexpanded slices, untrimmed expanded sheets and cut to size expanded sheets. It is also available with or without cell perforations to facilitate cell venting for certain applications.

Cell Size	1/4	3/8	1/2	3/4	1.0
Density	5.2	3.6	2.5	1.8	1.4
% Open*	95 or higher				

\* Effective open area

**PCGA-XR1 3000 Series commercial grade aluminum honeycomb is specified as follows:**

Material - Density - Cell Size - Perforated - Alloy



## PAMG-XR1 5052 Availability

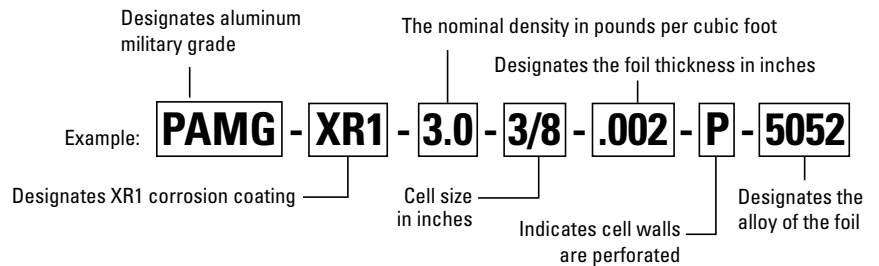
PAMG-XR1 5052 honeycomb is typically used in Fluid Flow applications and is available in four forms: unexpanded blocks, unexpanded slices, untrimmed expanded sheets and cut to size expanded sheets. It is also available with or without cell perforations to facilitate cell venting for certain applications.

Cell Size	1/16	1/8
Density	12.0	4.5
% Open*	90	95

\* Effective open area

**PAMG-XR1 5052 aluminum honeycomb is specified as follows:**

Material - Density - Cell Size - Foil Thickness - Perforated - Alloy



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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