



PRODUCT DATA SHEET

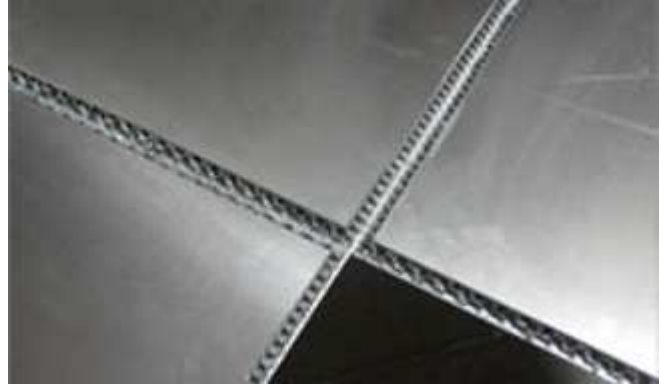
STOCK ALUMINUM HONEYCOMB PANELS 3/8" Cell-3003 Series Commercial Grade Honeycomb 5052-H32 Mill Finish Aluminum Face Sheet

Description

Flatiron Stock Aluminum Honeycomb Panels feature 5052-H32 Mill Finish Face Sheets with PVC Masking bonded to 3/8" cell – 3003 Alloy 3.6 lbs/FT³ Aluminum Honeycomb Core. A commercial grade two-part -50°F to 250°F service temperature epoxy is used to bond the face sheets to the core. Stock honeycomb panels are available in thicknesses of 0.125" – 1.0" and standard 48" L x 96" W. These panels have A+ Fire Rating and do not have panel edge closeouts.

Advantages

Stock panels are beneficial to customers for prototyping as they allow testing to be performed to determine the requirements of the finished product. When consumers are in need of an aluminum honeycomb panel with quick turnaround, stock panels are often the most convenient option. **Orders for stock aluminum honeycomb panels can be placed online on our website at <http://www.FlatironPanelProducts.com>**



Tolerances

Flatness: +/- 0.008" Radial Ft.
Thickness: +/- 0.015"

Length & Width

Post Lamination: +/- 0.125"
Saw Cut: +/- 0.063"
CNC Router: +/- 0.008"

Customization

Flatiron Panel Products have available a wide range of face sheet material and core options with *customized* panels. We also have CNC capabilities and many edge enclosure options. Discuss your custom panels needs with one of our sales representatives.

Commerical Grade Aluminum Honeycomb Stock Panels

Part Number	Panel Overall Thickness	Face Skin Thickness	Adhesive Service Temperature	Edge Closeout	Can Be Customized*
AHP 04038-1	1.0"T	0.040"	-50°F to 250°F Epoxy	None	Yes
AHP 04038-75	0.750"T	0.040"	-50°F to 250°F Epoxy	None	Yes
AHP 04038-5	0.500"T	0.040"	-50°F to 250°F Epoxy	None	Yes
AHP 04038-375	0.375"T	0.040"	-50°F to 250°F Epoxy	None	Yes
AHP 04038-250	0.250"T	0.040"	-50°F to 250°F Epoxy	None	Yes
AHP 04038-125	0.125"T	0.020"	-50°F to 250°F Epoxy	None	Yes

***Stock Panels can be CNC machined, painted, given edge treatments, potted inserts, or other customizations that do not change the standard stock panel construction. These stock panels are available for quick turnaround needs.**

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