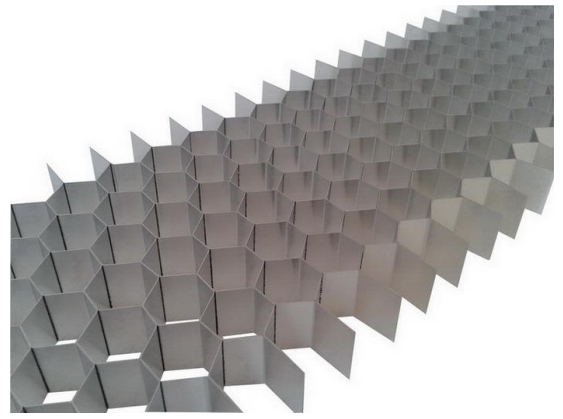


Overall introduction

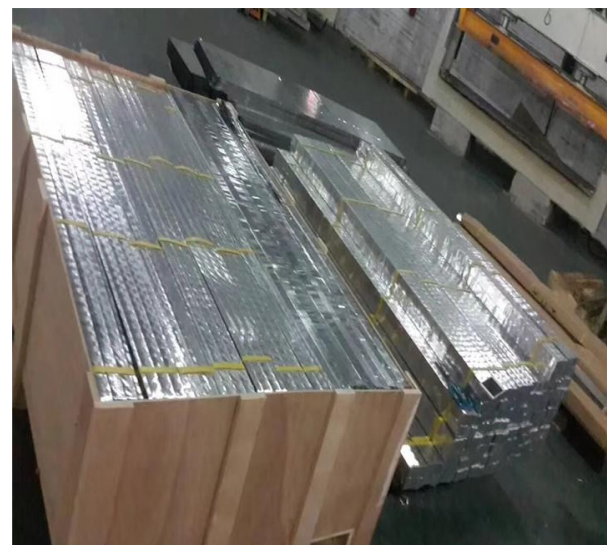
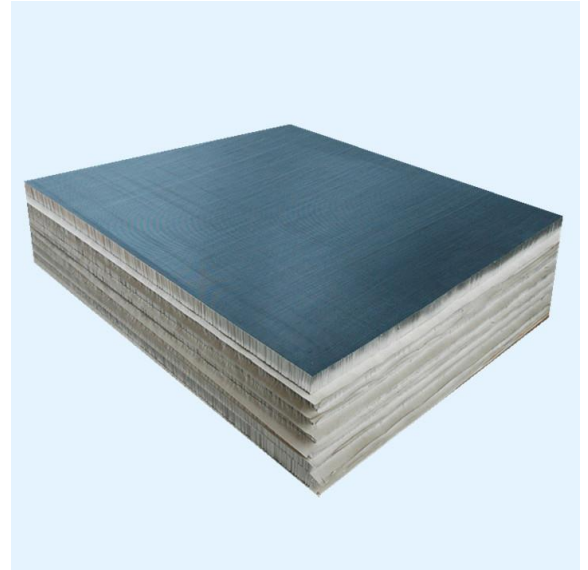
Aluminum honeycomb core is composed by multi-layer aluminum foil , honeycomb is formed after fully expanded.

Our aluminum honeycomb core has sharp and clear hole surface, and it is suitable for adhering to high grade aluminum panels as well as other purposes.



Specification List

Node (mm)	Cell size (inch)	Foil thickness (mm)	Max Size (WxL)(mm)
2.5	1/6 (4.2mm)	0.04	1600x2200
		0.05	1600x2200
		0.06	1600x2000
3.0	1/5 (5mm)	0.04	1600x2400
		0.05	1600x2400
		0.06	1600x2200
		0.08	1600x2000
		0.10	1600x1800
4.0	1/4 (6.35mm)	0.04	1600x3100
		0.05	1600x3100
		0.06	1600x2400
		0.08	1600x2200
		0.10	1600x2000
5.0	1/3 (8.5mm)	0.04	1600x4000
		0.05	1600x4000
		0.06	1600x3000
		0.08	1600x2200
		0.10	1600x2000
6.0	3/8 (9.5mm)	0.04	1600x4600
		0.05	1600x4600
		0.06	1600x3200
		0.08	1600x2800
		0.10	1600x2400
7.5	1/2 (12.7mm)	0.04	1600x6000
		0.05	1600x5000
		0.06	1600x4000
10	3/4 (19mm)	0.04	1600x7500
		0.05	1600x5000
		0.06	1600x5000
12	4/5 (20.3mm)	0.04	1600x9000
		0.05	1600x9000
		0.06	1600x6000
15	1 (25.4mm)	0.04	1600x12000
		0.05	1600x7500
		0.06	1600x7500



Custom made

The honeycomb cores can be supplied in a variety of conditions, tailored to the individual needs of the customer:

Expanded or unexpanded

Full blocks or cut slices

Perforated or unperforated

Corrosion treated or untreated

Aluminium Alloy Grade 3003 or 5052

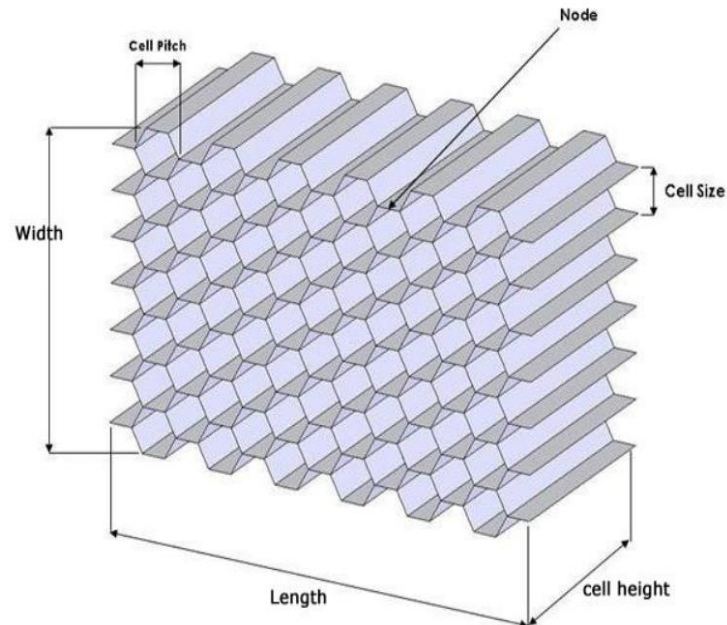
Drilled or undrilled core

Standard honeycomb can be expanded to the following sizes:

W 2500mm x L 1250mm

W 3000mm x L 1500mm

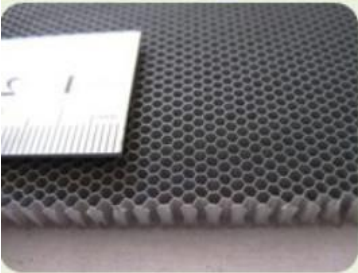

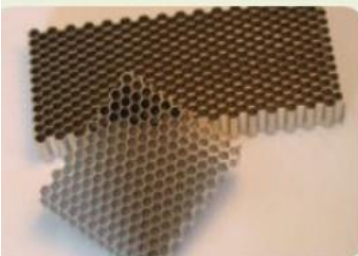
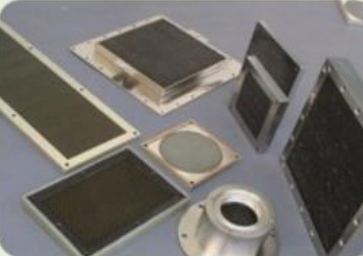


Any other sizes are available as requested by custom



Please let us know what is the cell size, cell thickness/height/depth, foil thickness and sheet size (width x length) you need, we will make quotation accordingly.

Application:

Aluminium honeycomb can be used in a virtually unlimited number of applications. Some of the most widespread applications are as follows:

Aluminum Honeycomb	Applications	
		Air purifier Cooling agent carrier Lamp grille Lighting fixture
		Electronic shield
		Audio devices

 <p>Normal honeycomb</p>	 <p>White board stuff Cabinet stuff furniture stuff Eco door stuff</p>
 <p>Unexpanded honeycomb</p>	 <p>Core material for various composite panels</p>

In the rail industry:

Doors
Floors
Energy Absorbers/Bumpers
Furniture

In the marine industry:

Commercial vessels and naval vessel bulkheads
Wall ceiling and partition panels
Furniture

Other applications

Clean room panels
Exterior architectural curtain wall panels
Air, water, fluid, and light directionalisation
Heating, ventilation, air conditioning equipment and devices
Skis and snowboards
Energy absorption protective structures
Electric shielding enclosures
Acoustic attenuation
Wind turbine blades