

# Aramid Honeycomb Core

## Product Specifications

### Technical Data Sheet

Specification	Cell size (mm)	Density (kg/m <sup>3</sup> )	Compression strength (MPa)	L-Shear strength (MPa)	W-Shear strength (MPa)
<b>Commercial Grade Aramid Honeycomb Core</b>					
BHC1313-3.2-48	3.2	48	1.90	1.16	0.62
BHC1313-3.2-64	3.2	64	3.10	1.48	0.82
BHC1313-3.2-80	3.2	80	4.70	1.95	1.05
BHC1313-3.2-96	3.2	96	6.60	2.45	1.42
BHC1313-4.8-32	4.8	32	0.90	0.58	0.36
BHC1313-4.8-48	4.8	48	2.60	0.98	0.56
BHC1313-4.8-64	4.8	64	3.40	1.70	0.92
BHC1313-4.8-80	4.8	80	6.00	1.95	1.10
BHC1313-4.8-96	4.8	96	7.30	2.26	1.32
BHC1313-6.4-24	6.4	24	0.54	0.34	0.18
BHC1313-6.4-32	6.4	32	0.80	0.54	0.30
BHC1313-6.4-48	6.4	48	2.05	1.00	1.56
BHC1313-6.4-64	6.4	64	3.40	1.54	0.79
BHC1313-9.5-24	9.5	24	0.52	0.32	0.16
BHC1313-9.5-32	9.5	32	0.68	0.56	0.29
BHC1313-9.5-48	9.5	48	9.60	1.15	0.66
<b>Aerospace Grade Aramid Honeycomb Core</b>					
BHC1313A-3.2-48	3.2	48	2.00	1.26	0.72
BHC1313A-3.2-64	3.2	64	3.20	1.58	0.92
BHC1313A-3.2-80	3.2	80	4.80	2.05	1.15
BHC1313A-3.2-96	3.2	96	6.70	2.55	1.52
BHC1313A-3.2-128	3.2	128	11.40	3.05	1.88
BHC1313A-3.2-144	3.2	144	13.30	3.15	2.00
BHC1313A-4.8-32	4.8	32	1.00	0.68	0.46
BHC1313A-4.8-48	4.8	48	2.70	1.08	0.66
BHC1313A-6.4-48	6.4	48	2.15	1.10	0.66
BHC1313A-9.5-48	9.5	48	9.70	1.25	0.76

BHC1313-Commercial Grade Aramid Honeycomb Core

BHC1313A-Aerospace Grade Aramid Honeycomb Cor

## Product Features

- Super light and high strength, anti-fatigue
- Sound insulation, thermal insulation, moisture resistance and no poison.
- Good shock-resisting performance and high bearing capacity.
- Flame resistant, fire proof, flat and straight appearance.
- Environmental protection and resources saving.



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## Applications



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