

Extrem leicht.
Extrem fest.

TUBUS WABEN

Technical data sheet

Tubus Honeycomb PP 8.0-80T50

Brief description

- Honeycomb mat manufactured from extruded polypropylene, laminated with a polyester fleece of 50 g/m²
- Diameter of the honeycomb tube 8.0 mm, density average 80 kg/m³
- Color: nature

Processing

- Cold pressing and hot pressing with different face sheets in combination with suitable adhesive systems, particularly for the manufacturing of panels
- Compression moulding in vacuum presses
- Further information on processing are to be found in our brochure “processing details” (www.tubus-waben.de “DOWNLOADS”)

Physical characteristics

Feature	Value	Test standard
Tube diameter	8.0 mm	
Density	80 kg/m ³ * ¹	
Compressive strength	1.8 MPa	EN ISO 844
Compressive modulus	72 MPa	EN ISO 844
Shear strength	0.5 MPa	DIN 53294
Shear modulus	12 MPa	DIN 53294
Temperature range of application	-30 °C up to +80 °C	
Core height range	6.0 mm up to 65.0 mm * ²	
Core height tolerance	+/- 0.15 mm	
Length x Width	800mm – 3000mm * ³ x 600mm – 1500mm * ³	
Tolerance in length and width	+/- 4.0 mm	

*¹ Density without facing

*² Other dimensions on inquiry, please contact us!

*³ Maximum size

The above specifications are correct to the best of our knowledge and shall give information about our products and their applications. No warranty is given for specific product properties or their suitability for a particular application.

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