

Extrem leicht.  
Extrem fest.

# TUBUS WABEN

## Technical data sheet

### Tubus Honeycomb PP 8.0-80T30F140

#### Brief description

- Honeycomb mat manufactured from extruded polypropylene, laminated with a polyester fleece of 30 g/m<sup>2</sup> and a polypropylene film (thickness 140 µm)
- Diameter of the honeycomb tube 8.0 mm, density average 80 kg/m<sup>3</sup>
- Color: nature

#### Processing

- Use and processing in the fibre composite technology with reinforced thermosetting resin systems
- Vacuum infusion
- Light RTM
- Further information on processing can be found in our brochure “processing details“ ([www.tubus-waben.de](http://www.tubus-waben.de) “DOWNLOADS”)

#### Physical characteristics

Feature	Value	Test standard
Tube diameter	8.0 mm	
Density	80 kg/m <sup>3</sup> *1	
Compressive strength	1.7 MPa	EN ISO 844
Compressive modulus	65 MPa	EN ISO 844
Shear strength	0.55 MPa	DIN 53294
Shear modulus	13 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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