

Technical Data Sheet

Robatube EPDM black

EPDM

Typical characteristics

- Chemical resistant
- Good stroke characteristics
- High temperature resistance

Typical industries

- Paper Industry

	Test method	Unit	Guideline value
General properties			
Density	DIN EN ISO 1183-1	g / cm ³	1,14
Water absorption	DIN EN ISO 62	%	0,74
Color			black
Storage period in years			~ 3
Mechanical properties			
Shore hardness	DIN EN ISO 868	scale A	60
Tensile strength	internal method	MPa	9,5
Max. pressure	internal method	bar	1,5
Burst pressure	internal method	bar	> 1,5
Elongation at break	internal method	%	> 400
Thermal properties			
Service temperature, long term	Average	°C	-35 ... 120

The data given are standard values which are based on our experience & previous technical studies. These values are influenced by the design, processing conditions and environmental influences out of our control. The sustainability of the material for a given application is the responsibility of the user. Typing and printing errors reserved. The burst pressure was determined at a temperature of 20°C (locular).

Pressure resistance:

The specified maximum operating pressure and burst pressure are valid only when the component is installed in a geometrically constrained condition and operated at a maximum tangential elongation of 100%.

Test recommendation:

When not installed, pressure and leak testing shall be performed at a maximum test pressure of 0.5 bar only, as higher test pressures may damage the hose.

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