Technical datasheet

Asbestos replacement WS 102

Basic information	Specification
Basic elastomer	NBR
Fabric ply	without ply
Description/features	Universal solid high pressure sealing material of NBR-bound aramid fibres. Additionally non-stick coated, approval for DBGW, KTW, HTB therefore suitable for areas of the chemical industry, food processing and drinking water supply
Format	**Sheets:** 1.5 m x 1.5 m
Colour	white-greenish

Technical data	Standard term/Specification	Unit	Testing method
Density	1.7	g/cm³	DIN EN ISO 1183-1
Compressibility	10	%	ASTM F 36 J
Resilience	45	%	ASTM F 36 J
Temperature resistance, max. (standard term is not specified at max. pressure)	280	°C	
Pressure, max. (standard term is not specified at max. temperature)	100	bar	
Steam temperature, max. (depending on operating conditions)	180	°C	16 bar
Gas permeability	< 0.3	cm³/min	DIN 3535 part 6
Pressure stability	26	N/mm²	E-DIN 28091

Resistance	Standard term/Specification
Oil	⊕
Fuels	n.sp.
Acids	n.sp.
Alkaline solution	n.sp.
Weather	n.sp.

Legend		
⊕ ⊕ = particularly resistant	⊖ = not resistant	n.sp. = not specified
⊕ = resistant		n.a. = not applicable

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.

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elastomer technology

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