

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

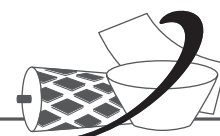
Technical data	Standard term/Specification	Unit	Testing method
Density	1.7	g/cm ³	DIN EN ISO 1183-1
Compressibility	10	%	ASTM F 36 J
Resilience	45	%	ASTM F 36 J
Temperature resistance, max. (standard term is not specified at max. pressure)	280	°C	
Pressure, max. (standard term is not specified at max. temperature)	100	bar	
Steam temperature, max. (depending on operating conditions)	180	°C	16 bar
Gas permeability	<0.3	cm ³ /min	DIN 3535 part 6
Pressure stability	26	N/mm ²	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.

All information based on current knowledge and experience. Information provided shall not exempt the contractor or user from conducting own tests. A legally binding warranty as to product features or its suitability for specific purposes may not be derived therefrom. Compliance with any proprietary rights as well as existing laws or regulations is the responsibility of the recipient of our products. No liability assumed for printing and any other errors. Technical data subject to change without notice. Reproduction or duplication of this document or its contents - whole or in part - is only permitted with express approval by company noltewerk. The German version of this data shall prevail. As of 1019.



elastomer
technology