



Novapress 880 Fiber sheet, NBR bound



Description

Fibreboard based on high quality aramid fiber with functional filling material and NBR binder. Very flexible material with good adaptive properties. Full traceability with every part concerning batchnumber and production date.

Technical properties

- Very good adaptive properties
- Suitable for low surface pressure
- Good mechanical properties
- Anti stick coating

Application

Chemical industry, Food industry, Utility and natural gas, machine and equipment construction. Used with lightly damaged flange surfaces and low surface pressure. Suitable for low emission applications.

Pressure and temperature

Max pressure: 100 bar
Temperature limit: -40°C to +200°C

Supply programme

- Fibreboard available in 1500 x 1500 mm and thickness 0,5 / 0,75 / 1,0 / 1,5 / 2,0 / 3,0 mm.
- Gaskets according to EN(DIN) and ASME norm
- Possibility to cut or punch virtually every shape or size.

Approvals and certificates

- DVGW / HTB
- TA-Luft
- EC1935/2004
- FDA
- BAM
- BLOW OUT

Table 1: Technical data*

Gasket factor	Norm	Value thickness 2 mm	Unit
Min. surface pressure σ_{v_u}	DIN 28090	5	MPa
Max. surface pressure σ_{v_o}	DIN 29090	150	MPa
Minimum temperature		-40	°C
Maximum temperature		200	°C
Compression	ASTM F 36 J	18	%
Recovery	ASTM F 36 J	65	%
Max. applicable pressure*		100	bar
Density		1,30	g/cm ³
Specific leak-tightness	DIN 3535-6	0,01	mg/(s*m)
Residual surface pressure	DIN 52 913 300 °C	20	MPa
Chloride content		<150	ppm
Resistance	ASTM F 146		
Mass gain IRM 903	5H/150°C	6	%
Thickness gain IRM 903		2	%
Mass gain Fuel B	5H/150°C	7	%
Thickness gain Fuel B		6	%
M		2,5	
Y		725	PSI

* Depending on temperature en construction.

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