



Novapress Basic



Description

Gasket material based on high-quality aramid fibers and special functional fillers, bonded with NBR.

Application

Novapress® BASIC combines performance and cost effectiveness for a wide range of different applications, from machine manufacturing to shipbuilding and from gas / water supply to the food industry.

Broadly applicable for non-aggressive media such as air, water, oils, greases and fuels, light acids and alkalis.

Technical properties

- Good tensile strength
- High pressing resistance
- Low emission

Pressure and temperature

Max 85 bar.
Min temperature -40°C.
Max temperature 200°C

Supply programme

- Fibreboard available in dimensions 1500 x 1500 mm and thickness 0,5 / 0,75 / 1,0 / 1,5 / 2,0 / 3,0 en 4,0 mm.
3000 x 1500 mm available upon request.
- Gaskets according to EN(DIN) and ASME norm are available from stock. Besides that it is possible to cut or punch virtually any special shape or size from a sheet.

Approvals and certificates

- DVGW
- KTW
- BS Grade Y
- WRAS
- W270
- GL
- TA Lüft
- EC1935/2004

Table 1: Technical data*

Gasket factor	Norm	Value thickness 2 mm	Unit
Min. surface pressure σ_{vu}	DIN 28090	17	MPa
Max. surface pressure σ_{vo}	DIN 28090	180	MPa
Minimum temperature		-30	°C
Maximum temperature		+200	°C
Compression	ASTM F 36 J	6	%
Recovery	ASTM F 36 J	55	%
Max. applicable pressure*		85	bar
Density		1,7	g/cm ³
Specific leak-tightness	DIN 3535-6	<0,05	mg/(s*m)
Residual surface pressure	DIN 52 913 300 °C	18	MPa
Chloride content		≤150	ppm
Swelling Oil No. 3 / Fuel B	ASTM F 146		
Mass gain		7	%
Thickness gain		2	%
M		2,5	
Y		1740	PSI

* Depending on temperature en construction.

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