



Novapress 815 Flexible



Description

Material Novapress 815 (flexible), aramid fiber - NBR-bound. Color: green/beige. Application oil, gas and cooling fluids. Very gas-tight

Technical properties

- Gas-tight
- Good adaptability
- Anti stick PTFE coating
- Good flexibility

Application

- Suitable for cooling fluids
- Hot and cold water
- Central heating boilers
- Gas applications

Chemical resistance, pressure and temperature

Min temperature -50°C. Max temperature +150 °C.

Supply programme

- Fibreboards available in 1500 x 1500 mm and thickness 0,25 / 0,4 / 0,5 / 0,75 / 1,0 / 1,5 / 2,0 / 2,5 / 3,0 / 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

- BAM
- DVGW W270

Table 1: Technical data*

Gasket factor	Norm	Value thickness 2 mm	Unit
Min. surface pressure σ_{vu}	DIN 28090	10	MPa
Max. surface pressure σ_{vo}	DIN 29090	285	MPa
Minimum temperature		-50	°C
Maximum temperature		+200	°C
Compression	ASTM F 36 J	8	%
Recovery	ASTM F 36 J	64	%
Max. applicable pressure*		50	bar
Density		1,35	g/cm ³
Specific leak-tightness	DIN 3535-6	<0,05	mg/(s*m)
Residual surface pressure	DIN 52 913 300 °C	30	MPa
Chloride content		≤150	ppm
Swelling Oil No. 3 / Fuel B	ASTM F 146		
Mass gain		<11	%
Thickness gain		<5	%
M		2,5	
Y		3335	PSI

* Depending on temperature en construction.

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