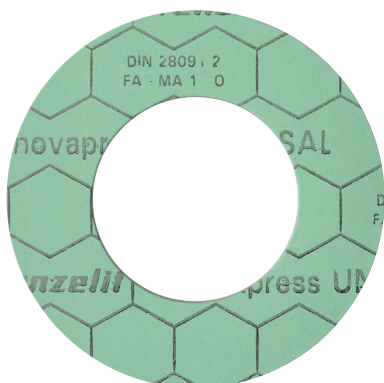


Novapress Universal



Description

This type of gasketboard is bound with specially chosen NBR rubbercompounds with an anti-sticking coating. This makes the gasket-type have a higher hardness whereby it can be used for heavier requirements, especially with heavy flange constructions.

Application

This gasket-type is very well suited for oil-systems. Due to the high density the gasket is impermeable. In addition, it is the most universal packing for the heavier conditions in pressure and temperature. This in combination with sealing against oil and grease fuels. This Novapress Universal also finds its application in machine and equipment construction.

Technical properties

- Good tensile strength
- High pressing resistance
- Very low emission
- Exceptionally oil resistant

Chemical resistance, pressure and temperature

Max 100 bar. Min temperature -40°C. Max temperature 200°C.

Supply programme

- Fibreboard available in 1500 x 1500 mm and thickness 1,5 / 2,0 / 3,0 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
- BS 7531 Grade X
- DVGW
- TA Lüft
- W270 / WRAS
- EC1935/2004

Table 1: Technical data*

Gasket factor	Norm	Value thickness 2 mm	Unit
Min. surface pressure σ_{vu}	DIN 28090	22	MPa
Max. surface pressure σ_{vo}	DIN 29090	315	MPa
Minimum temperature		-40	°C
Maximum temperature		+200	°C
Compression	ASTM F 36 J	6	%
Recovery	ASTM F 36 J	60	%
Max. applicable pressure*		100	bar
Density		1,8	g/cm ³
Specific leak-tightness	DIN 3535-6	0,03	mg/(s*m)
Residual surface pressure	DIN 52 913 300 °C	25	MPa
Chloride content	QS-001-133	≤100	ppm
Swelling Oil No. 3 / Fuel B	ASTM F 146		
Mass gain	5H/150°C	6	%
Thickness gain	5H/150°C	2	%
M		2,5	
Y		3200	PSI

* Depending on temperature en construction.

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