



Fybar PT30

FIBRE



DESCRIPTION

Aramid fibres bound with NBR suitable for general purpose use in hot and cold water, steam, oils, fuels, gases and a wide range of commonly used chemicals.

APPLICATION

- Flanged pipes (DIN/ANSI)
- Heat exchanger
- Plant / Containers
- Fittings
- Pressure tests

COLOR

Orange

PROPERTIES

- Can be used from -80°C to approx. 250°C*, depending on the installation and operating conditions
- Max. 100 bar*, depending on the installation and operating conditions
- Low diffusion rate
- Good handling, simple disassembly
- Scratch resistant
- Little adhesion to other materials
- Good chemical resistance

SUPPLY PROGRAMME

- Sheet format: 1500 x 1500mm
- Thickness: 0.5mm, 0.8mm 1.0mm, 1.5mm, 2.0mm, 3.0mm

APPROVALS

- Meets BS7531 Grade "Y"
- DVGW

TABLE 1: TECHNICAL DATA

Gasket factor	Norm	Value thickness 2 mm	Unit
Min. surface pressure σ_{vu}	DIN 28090	40	MPa
Max. surface pressure σ_{vo}	DIN 29090	150	MPa
Minimum temperature		-80	°C
Maximum temperature		+250	°C
Compression	ASTM F 36 J	7	%
Recovery	ASTM F 36 J	50	%
Max. applicable pressure*			bar
Density		1,8	g/cm ³
Specific leak-tightness	DIN 3535-6	<0,1	mg/(s*m)
Residual surface pressure	DIN 52 913 175 °C	26	MPa
Chloride content			ppm
Swelling Oil No. 3 / Fuel B			
Mass gain		-	%
Thickness gain		5	%
M		2,5	
Y		3900	PSI

* Depending on temperature en construction.

LOCATIONS

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