



Fybar PT20

FIBRE

DESCRIPTION

Fibre PT20 consists of mineral and aramid fiber, NBR bound.

TECHNICAL PROPERTIES

Fiber gasket for low temperature. Suitable for pressure testing.

APPLICATION

Widely applicable for non-aggressive media, such as air, water, oils, greases and fuels, weak acids and alkalines.

COLOR

Blue

CHEMICAL RESISTANCE, PRESSURE AND TEMPERATURE

- Suitable for low pressure
- Min temperature -30°C.
- Max temperature +130°C

SUPPLY PROGRAMME

- Sheet format: 2000 x 1500 mm and thickness 0,5 / 1,0 / 1,5 / 2,0 / 3,0 mm.
- 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.

TABLE 1: TECHNICAL DATA

Gasket factor	Norm	Value thickness 2 mm	Unit
Min. surface pressure σ_{vu}	DIN 28090	20	MPa
Max. surface pressure σ_{vo}	DIN 29090	120	MPa
Minimum temperature		-30	°C
Maximum temperature		+130	°C
Compression	ASTM F 36 J	5-15	%
Recovery	ASTM F 36 J	45	%
Max. applicable pressure*		40	bar
Density		1,6-2,0	g/cm3
Specific leak-tightness	DIN 3535-6	<0,1	mg/(s*m)
Residual surface pressure	DIN 52 913 175 °C	20	MPa
Chloride content		<150	ppm
Swelling Oil No. 3 / Fuel B	ASTM F 146		
Mass gain		11	%
Thickness gain		9	%
M		2,5	
Y		2175	PSI

* Depending on temperature en construction.

LOCATIONS

850 Sens Road **LA PORTE**, TX 77571, USA NORTH AMERICAN HEADQUARTERS

8622 South Choctaw Drive **BATON ROUGE**, LA, USA 70815

Pšurnovická cesta 1026, 10483 **BYTCA**, Slovak Republic EUROPEAN HEADQUARTERS

PHONE

+ 1 281 542 0600

+ 1 225 275 8000

+ 421 41 5533853

FAX

+ 1 281 542 5552

+ 225 272 3126

+ 421 41 553 2895

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