

Fibresheet RX[®] Fibre PT50



Material

RX[®] Fibre PT50 is a composite of aramid fibres with NBR binder

Colour

beige

Pressure

Ideal utility gasket for pressure up to 85 bar.

Max. temperatue

200 °C

Properties

Universal use, goodprice/quality

Application

Can be used in a wide range of non-aggressive media like air, water, oils, greases, fuels and mild acids

Delivery options

sheets available in dimensions 1500x1500mm in thickness of 0,5 / 0,75 / 1,0 / 1,5 / 2,0 / 3,0 / 4,0 mm. On request possible in 3000x1500mm.

Tests and approvals

DVGW, HTB, KTW, BS Grade Y, WRAS, W270< GL

Gaskets according EN(DIN) and ASME are available ex-stock. All other (special) sizes can be cut from sheets.

Table 1: Technical specifications Fibresheet RX PT50

Gasket Factor	Norm	Value 1,5 mm	Value 2 mm	Unit
Min. Surface pressure σ_{vu}	DIN 28090	25	27	N/mm ²
Max. Surface pressure σ_{vo}	DIN 29090	240	180	N/mm ²
Minimum temperature				°C
Maximum temperature		+200	+200	°C
Compression	ASTM F36 J	6	6	%
Recovery	ASTM F36 J	55	55	%
Max. allowable pressure*		85	85	bar
Density		1.70	1.70	g/cm ³
Specific density	DIN 3535-6	<0,1	<0,1	mg/(s*m)
Residual surface pressure	DIN 52913 175°C	35	28	Mpa
Chloride content		<150	<150	ppm
Swelling Oil No. 3 / Fuel B	ASTM F 146			
Weight increase		<7	< 7	%
Thickness increase		<2	<2	%
m		2.5	2.5	%
y		3625	3900	psi

* Depends on temperature and construction

Disclaimer: The content of this document has been composed with the utmost care. However, it is possible that certain information changes over time, becomes inaccurate or incomplete. ERIKS does not guarantee that the information provided on this document is up to date, accurate and complete; the information provided is not intended to be advice. ERIKS shall never be liable for damage resulting from the use of the information provided.

For more information, quotations or orders: Phone +31 (0)72 514 15 14 or E-mail info@eriks.nl