

SEALS 6.1 FLANGE GASKETS



Fibresheet RX® Fibre PT60

Material	RX® Fibre PT60 is a composite of glass and aramide fibres with NBR binder.
Colour	Green
Pressure	Ideal gasket for applications up to 60 bar.
Max. Temperature	250 °C
Propeerties	Excellent Universal gasket for several (chemical) industries.
Application	Can be used in a wide range of gas and liquid media.
Deliver options	Sheets available in dimensions 1500x1500 mm in thickness of 0,5 / 1,0 / 1,5 / 2,0 / 3,0 and 4,0 mm. On request sheets available in 3000x1500 mm.
Tests and approvals	DVGW, KTW, WRAS, BAM, BS7531 Grade X, TA Lüft
Technical specifications	See Table 1

Table 1: Technical specifications RX® Fibre PT60

Gasket Factor	Norm	Value	Unit
Min. surface pressure σ_{VU}	DIN 28090	25	N/mm ²
Max. surface pressure σ_{VO}	DIN 29090	240	N/mm ²
Minimum temperature			°C
Maximum temperature		+250	°C
Compression	ASTM F36 J	5-15	%
Recovery	ASTM F36 J	62	%
Max. allowable pressure**		60	bar
Density		1,6-2,0	g/cm ³
Specific leak rate	DIN 3535-6	<0,1	mg/(s*m)
Residual stress @ 175 °C	DIN 52913	42	Mpa
Swelling Oil No.3 / Fuel B	ASTM F 146	4	%

* Values apply on thickness 1,5mm

** Depending on temperature and Construction.