



RX® FILLED PTFE 160

High performance biaxially orientated sheet sealing material containing PTFE with silica filler. Excellent resistant against cold-creep and very gastight. Universal quality for (petro-) chemical applications, acids and bases. Temperature from -210 up to +260 °C. Colour: Pink.

Properties : Chemical resistant
: Good recovery
: Wide temperature and pressure range

Application : Chemicals, food, pharmaceutical and several other industries.

Delivery options : Sheets: available in sizes 1500x1500mm in thickness of 1,0 / 1,5 / 2,0 / 3,0 mm.

Gaskets: according EN(DIN) en ASME norm are available ex-stock. Other sizes and shapes can be cut from sheet within several days.

Approvals : FDA
: WRAS - 9805516

Technical details : See table1*

Tabel 1: Technical specifications RX® Filled PTFE 160*

Gasket Factor	Norm	Value	Unit
Min. surface pressure σ_{VU}	Part 2	25	MPa
Max. surface pressure σ_{VO}	Part 2	160	Mpa
Minimum temperature		-210	°C
Maximum temperature		+260	°C
Compression	ASTM F36	10	%
Recovery	ASTM F36	40	%
Max. allowable pressure**		85	bar
Density	DIN 28090 - 2	2,2	g/cm ³
Gas Permeability	DIN 3535/6	0,04	cm ³ /min
Specific leak rate	DIN28090 - 2	0,001	mg/(s*m)
Residual stress @ 175°C		31	Mpa

* Values apply on thickness 1,5mm

** Depending on temperature and construction.

The information provided in this document is for general information purposes only and does not constitute advice. ERIKS shall not be liable for any damages resulting from the use of this document, including but not limited to damages caused by any incorrectness or incompleteness of the provided information, unless such damage is the result of any willful misconduct or gross negligence on part of ERIKS.

For more information, a quotation or an order please contact one of our specialists on number +31 (072) 514 18 44

ERIKS bv • P.O. box 280 • 1800 BK Alkmaar • phone (072) 514 15 14 • fax (072) 515 56 45 • info@eriks.nl • www.eriks.nl