

POWER[®]flon 30 WHITE

Název produktu:	POWER[®]flon 30 WHITE	Material data sheet No.:	D – 0077-0-EN	Datum vzniku:	02. 03. 2018
		Datum revize:		Strana:	1 z 1



Structured PTFE - Gasket - Sheet manufactured by a unique process which provides a high level of fibrillation to overcome the creep relaxation and cold flow problem associated with normal (skived or moulded) PTFE sheets. POWER[®]flon 30 WHITE is produced from virgin PTFE resin filled with Barium Sulphate.

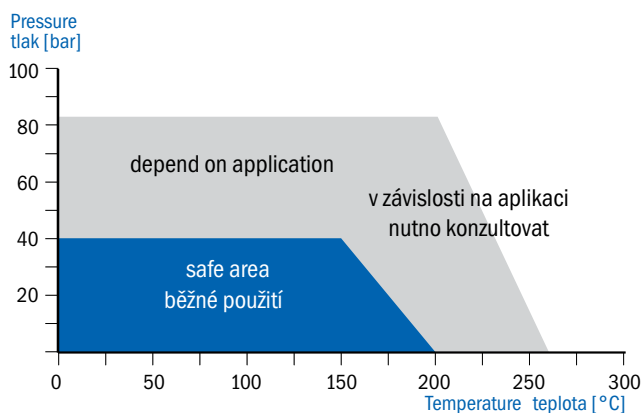
A general purpose grade for sealing applications across the whole pH range. It is suitable for use with hydrofluoric acid, but not pure liquid hydrogen fluoride. It can also be used with alkalis, solvents, fuels, water, steam and chlorine.

Sheet dimensions: 1500 x 1500 mm
 Thickness: 1,5; 2,0; 3,0 mm
 Colour: white

TYPICAL PHYSICAL PROPERTIES

Temperature	-268 up to +260 °C
Maximal pressure	85 bar
pH range	0 - 14
Compressibility @ 350 bar (ASTM F 36 A)	9 %
Recovery @ 350 bar (ASTM F 36 A)	40 %
Tensile strength (ASTM 152)	14 MPa
Specific gravity (ASTM D 792)	2,9 g/cm ³
Creep deformation (ASTM F 38)	11 %
Sealability @ 0,7 bar (ASTM F 37A)	0,4 ml/hr
Sealability (DIN 3535)	< 0,015 cm ³ /min

ASTM test are based on 0,8 mm sheet thickness and DIN tests is based 1,5 mm sheet thickness.



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All technical data and recommendations given are based on our experiences. However, we do not undertake any liability whatsoever. All data and values have to be checked by the user, since the effectiveness of a seal can only be judged correctly by evaluating all data and parameters directly on site. The stated parameters are approximate and may be mutually influenced if occurring together. Please contact us in case of difficult or special applications.

