

# POWER<sup>®</sup>flon 20 PINK

Product name:	<b>POWER<sup>®</sup>flon 20 PINK</b>	Material data sheet No.:	<b>D - 0076-0-EN</b>	Date:	16. 05. 2022
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**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<sup>®</sup>flon 20 PINK is produced from virgin PTFE resin filled with Silica.**

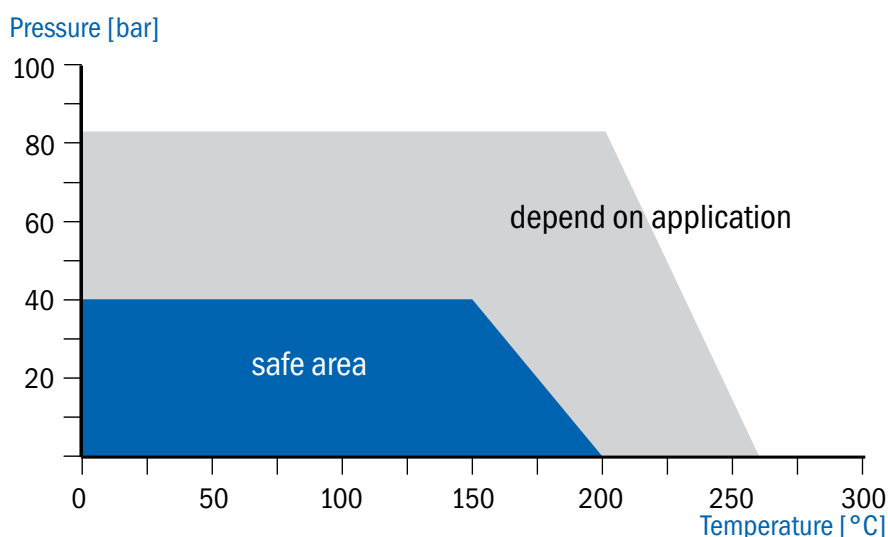
It is suitable for services with high pressures and temperature, especially in chemical processing and hydrocarbon plants in strong acids (except hydrofluoric), solvents, hydrocarbons, water, oxygen, steam and chlorine.

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

## TYPICAL PHYSICAL PROPERTIES

Temperature	<b>-268 up to +260 °C</b>
Maximal pressure	<b>83 bar</b>
pH range	<b>0 - 14</b>
Compressibility @ 350 bar (ASTM F 36 A)	5 - 15 %
Recovery @ 350 bar (ASTM F 36 A)	40 %
Tensile strenght (ASTM 152)	14 MPa
Specific gravity (ASTM D 792)	2,1 g/cm <sup>3</sup>
Creep deformation (ASTM F 38)	18 %
Sealability @ 0,7 bar (ASTM F 37A)	0,2 ml/hr
Sealability (DIN 3535)	< 0,01 cm <sup>3</sup> /min
Gasket factor „m“ (ASTM)	2
Minimum gasket stress „Y Stress“ (ASTM, 2 mm thickness)	2300 psi

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



DATA SHEET



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