



Bidirectional PTFE	Sichem S90
Composition	Microcellular Modified PTFE with Silica filler
Density ASTM F 1315	1.35 g/cm <sup>3</sup>
Minimum operating temperature	-260 °C
Maximum operating temperature	+260 °C
Max operating pressure	70 bar
P x T Max. (Thk 0.8 - 2.0 mm)	12000 Bar x °C
P x T Max. (Thk 3.0 mm)	8500 Bar x °C
Leakage DIN 3535-6	<0.003 mg*s-1*m-1
Creep relaxation DIN 3535-6	<14 %
Compression DIN 3535-6	>40 %
Recovery DIN 3535-6	>6 %
Minimum PH	0
Maximum PH	14
Available sheets size	1.500x1.500 mm 1.750x1.750 mm
Available thickness	0,75 mm 1,0 mm 2,0 mm 2,5 mm 3,0 mm 4,0 mm 5,0 mm 6,0 mm
Sheet size tolerance	50 mm
Thickness tolerance	10 %



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