




Sizonke Trading

Quality Engineering Solutions & Supplies

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SICHEM®	S11	S33	S50
Colour			
Composition	Modified PTFE with Silica filler	Modified PTFE with Barium sulphate filler	Modified PTFE with Hollow Glass microspheres filler
Density ASTM F 1315 (g/cm ³)	2.2	2.8	1.4
Temperature operating range (°C)	-260/+260	-260/+260	-260/+260
Max operating pressure (bar)	80	80	50
P x T Max. (Thk 0.8 - 2.0 mm) (bar x °C)	12000	12000	12000
P x T Max. (Thk 3.0 mm) (bar x °C)	8500	8500	8500
Leakage DIN 3535-6 (mg*s ⁻¹ *m ⁻¹)	<0.05	<0.005	<0.05
Creep relaxation DIN 3535-6 (%)	<24	<28	<19
Compressibility DIN 3535-6 (%)	>4	>4.3	>32
Recovery DIN 3535-6 (%)	>1.7	>2.1	>7
pH range	0-14	0-14	0-14
Availability Sheets size (mm)	1.500x1.500 1.750x1.750	1.500x1.500 1.750x1.750	1.500x1.500 1.750x1.750
Thickness (mm)	0,75/1,0/2,0/2,5/3,0/4,0/5,0/6,0	0,75/1,0/2,0/2,5/3,0/4,0/5,0/6,0	0,75/1,0/2,0/2,5/3,0/4,0/5,0/6,0
Tollerances Sheets size (mm)	+/- 50	+/- 50	+/- 50
Thickness (%)	+/- 10	+/- 10	+/- 10