

ECS-T PTFE

Sheet Gasket

Excellent Sealability for Extreme Chemical Containment Applications

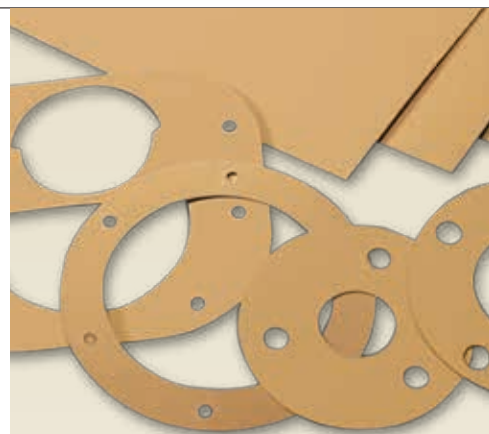
ECS-T is a PTFE Sheet Gasket Material suitable for high pressure and temperature services, especially in chemical and hydrocarbon plants in strong acids.

Technical Data

Pressure Limit	1200 psig (83 bar g)
Temperature Limit	-210 °C (-346 °F) to 260 °C (500 °F)
Chemical Resistance	pH 0 to 14 inert to all common chemicals except molten alkali metals, fluorine and certain fluorine bearing compounds.
Sealability (ASTM F-37a) @ .7 bar g	0,20 ml/h
Compressibility (ASTM F-36A) @ 5000 psig	7 to 12%
Sealability (DIN 3535)	< 0,015 cm ³ /min
Creep Relaxation (ASTM F-38B)	18% maximum

Thickness ±5%		Dimensions ±1/16		Item Number
mm	Inches	M	Inches	
0,8	1/32	1,19 x 1,19	47 x 47	058109
1,0	-	1,19 x 1,19	47 x 47	058157
1,5	-	1,50 x 1,50	59 x 59	058115
1,6	1/16	1,50 x 1,50	59 x 59	058108
2,0	-	1,50 x 1,50	59 x 59	058116
2,4	3/32	1,50 x 1,50	59 x 59	058112
3,2	1/8	1,50 x 1,50	59 x 59	058111

FDA Sheets				
0,8	1/32	1,19 x 1,19	47 x 47	058132
1,0	-	1,19 x 1,19	47 x 47	058158
1,5	-	1,50 x 1,50	59 x 59	058136
1,6	1/16	1,50 x 1,50	59 x 59	058131
2,0	-	1,50 x 1,50	59 x 59	058137
2,4	3/32	1,50 x 1,50	59 x 59	058134
3,2	1/8	1,50 x 1,50	59 x 59	058133



- High chemical resistance
- Excellent in strong acids
- Suitable for high pressure and temperature services

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