

ECS-W

PTFE Sheet Gasket

Outstanding Chemical Resistance, Excellent Sealability for a Wide Range of Applications

ECS-W is a PTFE Sheet Gasket Material suitable for general service in a wide variety of fluids, strong caustics, acids, chlorine, gases, water, steam, hydrocarbons, hydrogen, and aluminum fluoride.

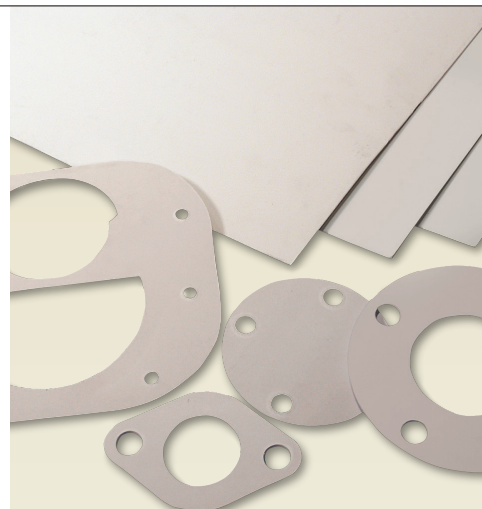
Technical Data

Temperature Limit	-210°C (-346°F) – 260°C (500°F)
Pressure Limit	83 bar g (1200 psig)
Chemical Resistance	pH 0 – 14 Molten alkali metals, fluorine, and certain fluorine bearing compounds.
Sealability (ASTM F-37A) @ .7 bar g	0.04 ml/h
Compressibility (ASTM F-36A) @ 5000 psig	5 – 15%
Sealability (DIN 3535)	< 0.015 cm ³ /min
Creep Relaxation (ASTM F-38B)	25% maximum

Thickness		Dimensions		Item Number
mm	Inches	M	Inches	
0.8	1/32	1.19 x 1.19	47 x 47	058100
1.5	–	1.50 x 1.50	59 x 59	058106
1.6	1/16	1.50 x 1.50	59 x 59	058099
2.0	–	1.50 x 1.50	59 x 59	058107
2.4	3/32	1.50 x 1.50	59 x 59	058103
3.2	1/8	1.50 x 1.50	59 x 59	058102

FDA Sheets				
0.8	1/32	1.19 x 1.19	47 x 47	058125
1.5	–	1.50 x 1.50	59 x 59	058129
1.6	1/16	1.50 x 1.50	59 x 59	058124
2.0	–	1.50 x 1.50	59 x 59	058130
2.4	3/32	1.50 x 1.50	59 x 59	058127
3.2	1/8	1.50 x 1.50	59 x 59	058126

Oxygen Service (OS) Sheets				
1.0	–	1.19 x 1.19	47 x 47	058162
1.6	1/16	1.50 x 1.50	59 x 59	085145
3.2	1/8	1.50 x 1.50	59 x 59	085147



- High chemical resistance
- Excellent in strong acids
- Suitable for general service in a wide variety of fluids

Chesterton ISO certificates available on
chesterton.com/corporate/iso

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ECS-W PDS – English
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