

ECS-B

PTFE Sheet Gasket

Excellent Sealability for Equipment with Greater Compressibility in Demanding Applications

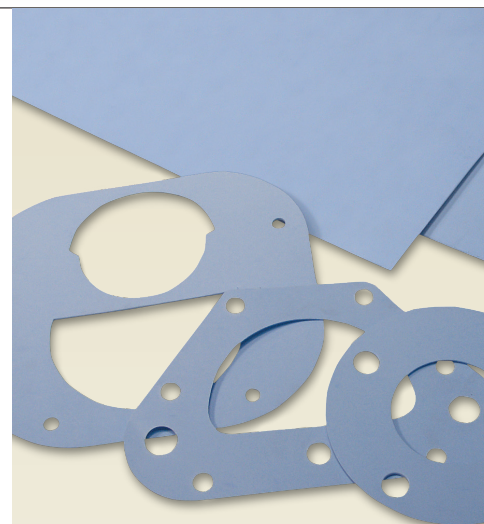
ECS-B is a FDA approved structured PTFE sheet gasket suitable for chemically aggressive services. It is recommended for services with water, steam hydrocarbons, hydrogen peroxide, solvents, refrigerants, cryogenic products, caustics, and strong acids.

Technical Data

Temperature Limit	-210°C – 260°C (-346°F – 500°F)
Pressure Limit	55 bar g (800 psig)
Chemical Resistance	pH 0 – 14 Molten alkali metals, fluorine, and certain fluorine bearing compounds.
Sealability (ASTM F-37a) @ .7 bar g	0,12 ml/h
Compressibility (ASTM F-36A) @ 5000 psig	30 – 50%
Sealability (DIN 3535)	< 0,015 cm ³ /min
Creep Relaxation (ASTM F-38B)	18% maximum

Thickness		Dimensions		Item Number
mm	Inches	M	Inches	
0.8	1/32	1.19 x 1.19	47 x 47	058091
1.5	-	1.50 x 1.50	59 x 59	058097
1.6	1/16	1.50 x 1.50	59 x 59	058090
2.0	-	1.50 x 1.50	59 x 59	058098
2.4	3/32	1.50 x 1.50	59 x 59	058094
3.2	1/8	1.50 x 1.50	59 x 59	058093

FDA Sheets				
0.8	1/32	1.19 x 1.19	47 x 47	058118
1.5	-	1.50 x 1.50	59 x 59	058122
1.6	1/16	1.50 x 1.50	59 x 59	058117
2.0	-	1.50 x 1.50	59 x 59	058123
2.4	3/32	1.50 x 1.50	59 x 59	058120
3.2	1/8	1.50 x 1.50	59 x 59	058119



- High chemical resistance
- Excellent in strong acids
- Suitable for aggressive services

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