

Product Data Sheet

Preliminary

PORON® ShockSeal™ Foam: General Industrial Grades (4790-79)

PROPERTY	TEST METHOD	VALUE		
PHYSICAL				
Density, lb. / ft ³ (kg / m ³)	ASTM D 3574-95, Test A	12 (192)	15 (240)	20 (320)
Tolerance, %		± 10		
Thickness, inches (mm)		0.250-0.375 (6.35-9.53)	0.125-0.500 (3.18-12.70)	0.062-0.188 (1.57-4.78)
Tolerance, %		± 10		
Standard Color (Code)		Black (04)		
Compression Force Deflection, psi (kPa) Typical psi (kPa)	0.2" / min. Strain Rate Force Measured @ 25% Deflection	1 - 5 (7- 35)	2 - 10 (14 - 69)	4 - 16 (28 - 110)
Compression Set, % max	ASTM D 3574-95 Test D @ 73°F (23°C) ASTM D 3574-95 Test D @ 158°F (70°C)	5 10		
Tensile Strength, Min. psi (kPa),	ASTM D 3574-75 Test E	30 (207)	60 (414)	100 (689)
Tensile Elongation, % min.	ASTM D 3574-75 Test E	> 145		
Tear Strength, Min. pli (kN/m)	ASTM D 642-91 Die C	5 (0.9)	6 (1.1)	10 (1.8)
FLAMMABILITY				
Flammability, inches (mm)	MVSS 302 (Pass ≥)	0.250 (6.35)	0.125 (3.18)	0.062 (1.57)
ENVIRONMENTAL				
Gasketing and Sealing	UL JMST2 (Consisting of UL50E and UL508)	File MH15464		
Water Absorption, % weight gain	ASTM D 570 – 2hr water immersion @ room temperature	Typical Value 10		

Notes:

All metric conversions are approximate.

Typical values are a representation of an average value for the population of the property. For specification values contact Rogers Corporation.

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