

Product Data Sheet

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) | | 0.080-0.375 (2.03-9.53) | 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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