

## PORON® ShockSeal™ Foam: *Handheld Grades (4790-79)* Extreme Impact Protection, Ultimate Reliability.

- Specifically engineered to protect sensitive components from damage caused by impact
- Consistent cushioning performance through repeated impacts
- Excellent compression set resistance

PROPERTY	TEST METHOD	VALUE		
<b>Density, lb./ft<sup>3</sup></b> (kg/m <sup>3</sup> ) <b>Tolerance</b>	ASTM D 3574-95 Test A	<b>9</b> (144) <b>± 10%</b>	<b>12</b> (192) <b>± 10%</b>	
<b>Compression Force Deflection,</b> Typical Value in <b>psi</b> (kPa)	0.2" / min. Strain Rate Force Measured @ 25% Deflection	<b>2</b> (13.7)		<b>3</b> (20.7)
<b>Thickness, inches</b> (mm) <b>Tolerance, inches</b> (mm)		<b>0.021</b> (0.53) <b>± .004</b> (0.10)	<b>0.030</b> (0.76) <b>± .004</b> (0.10)	<b>0.039</b> (1.00) <b>± .004</b> (0.10)
<b>Maximum Compression Set</b>	ASTM D 1667-90 Test D @ 73°F (23°C)	5%		2%
	ASTM D 3574-95 Test D @ 158°F (70°C)	10%		
<b>Standard Color</b> (Code)		<b>Black</b> (04)		

With the exception of the thickness measurement, the data mentioned above represents results of testing PORON foam only. These products are supported on a 2 mil (0.05mm) polyester film (PET) creating a permanent bond. Please see physical property data for the film as represented by the manufacturer below.

### Supporting Material - Clear Polyester Film (PET)

PROPERTY	TEST METHOD	VALUE
<b>Coefficient of Friction A/B, (Kinetic)</b>	ASTM D 1894	<b>0.40</b>
<b>Density, g/cm<sup>3</sup></b>	ASTM D 1505	<b>1.395</b>
<b>Modulus, MD, psi</b> (kg/cm <sup>2</sup> )	ASTM D 882	<b>500,000</b> (35,200)
<b>Shrinkage, MD, %, (TD)</b>	39 min. at 150°C	<b>1.2</b> (0.0)
<b>Tensile Strength, MD, psi</b> (kg/cm <sup>2</sup> )	ASTM D 882	<b>30,000</b> (2,110)
<b>Ultimate Elongation</b>	ASTM D 882	<b>150</b>
<b>Yield Strength (F5), psi</b> (kg/cm <sup>2</sup> )	ASTM D 882	<b>15,000</b> (1,050)

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