

**PORON® 4701-15-06021-90P (Supported) Soft Seal Urethane**

PROPERTY	TEST METHOD	VALUE
<b>PHYSICAL</b>		
Density, lb/ft <sup>3</sup> (kg/m <sup>3</sup> )	ASTM D 3574-95 Test A	6.5 (104)
Tolerance, lb/ft <sup>3</sup> (kg/m <sup>3</sup> )		± 1 (16)
Thickness, inches (mm)		0.021 (0.53)
Tolerance, inches (mm)		± 0.004 (0.10)
Standard Color (Code)		Soft Seal Gray (90)
Compression Force Deflection, Typical value, psi (kPa)	0.2" (5mm)/ min. Strain Rate Force Measured @ 25% Deflection	0.29 (2.00)
Compression Set, % max.	ASTM D 3574-95 Test D @ 158°F (70°C)	10

*With the exception of the thickness measurement, the data mentioned above represents results of testing the PORON urethane foam only. This product is supported on a 2-mil (0.05 mm) 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
Coefficient of Friction A/B, (Kinetic)	ASTM D 1894	0.40
Density, lb./ft <sup>3</sup> (g/cm <sup>3</sup> )	ASTM D 1505	87.1 (1.395)
Modules, MD, psi (kg/cm <sup>2</sup> )	ASTM D 882	500,000 (35,200)
Shrinkage, MD, %, (TD)	39 min. at 150°C	1.2 (0.0)
Tensile Strength, MD, psi (kg/cm <sup>2</sup> )	ASTM D 882	30,000 (2,110)
Ultimate Elongation, %	ASTM D 882	150
Yield Strength (F5), psi (kg/cm <sup>2</sup> )	ASTM D 882	15,000 (1,050)

**Notes:** All metric conversions are approximate.  
 Additional technical information is available on our website.

The information contained in this Data Sheet is intended to assist you in designing with Rogers High Performance Foam Materials. It is not intended to and does not create any warranties, express or implied, including any warranty of merchantability or fitness for a particular purpose or that the results shown in this Data Sheet will be achieved by a user for a particular purpose. The user should determine the suitability of Rogers High Performance Foam Materials for each application.

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