

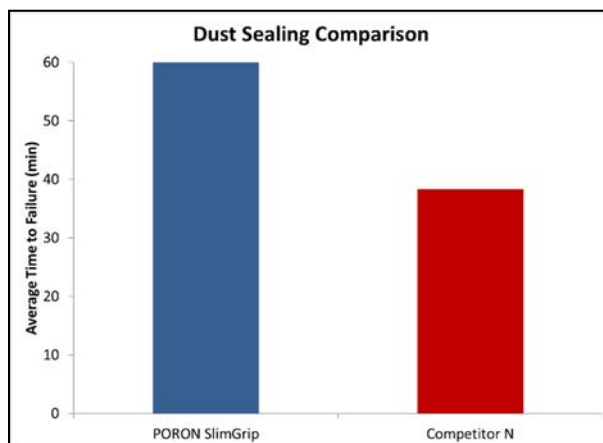
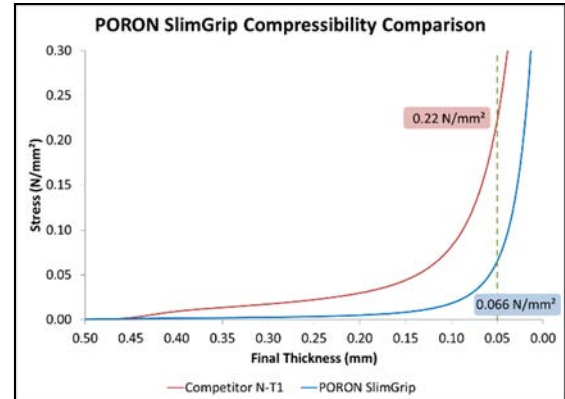
Typical Product Properties

PORON® SlimGrip™ Foam: 4701-SGRL-06020-90

PORON® SlimGrip™ foam, the softest PORON material to-date, is 0.5mm thick and can squeeze into gaps under 0.05mm thick. This high level of compressibility proves SlimGrip foam ideal for display gaskets.

The graph to the right shows PORON SlimGrip foam can compress to its final thickness with very little force. SlimGrip foam requires 3X less force to achieve 0.05mm thickness compared to Competitor N, while maintaining excellent rebound properties.

Additionally, this material is 50% more effective at dust sealing than competitive materials, further protecting the integrity of displays.



Note: Test materials are assembled as a 1mm wide gasket placed under 37% compression and are tumbled in a dusty environment. A material “fails” when dust penetrates the gasket.

SlimGrip foam is provided on a 0.05mm release PET film. When the PET is removed, a tacky surface is exposed, leaving the material free of any incompressible layers. This tacky surface may assist in the temporary placement of gaskets.

SlimGrip material is incredibly compressible, resistant to compression-set, seals against dust, and is a truly impressive product within the PORON foam family.

Visit the online Gap Filling Tool to evaluate your specific application:
www.rogerscorp.com/gapfillingtool

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PORON® SlimGrip™ Foam: Typical Values

PROPERTY	TEST METHOD	VALUE
Density, kg/m ³ (lb/ft ³) Tolerance, kg/m ³ (lb/ft ³)	ASTM D 3574-95, Test A	104 (6.5) 16 (± 1)
Thickness, mm (inches) Tolerance, mm (inches)		0.50 (0.020) 0.10 (± 0.004)
Standard Color (Code)		Gray (90)
Compression Force Deflection, kPa (psi)	.51 cm/min (0.2" / min) Strain Rate Force Measured @ 25% Deflection	2.55 (0.37)
Compression Set, % typical. Compression Set <i>Specification</i> , % max.	ASTM D 3574-95, Test D @ 70°C (158°F)	4.82 10

The data above represents results of testing the PORON polyurethane foam only. This product is directly cast onto a **removable** 0.05mm (2 mil) polyester film (PET).

Notes:

- All metric conversions are approximate.
- Additional technical information is available.
- Typical values should not be used for specification limits.

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