

K8000 SERIES

Very Firm, Micro-Cellular Polyurethane Foam

Saint-Gobain® Norseal® K8000 Series Very Firm Black Color Polyurethane Foams are manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and are ideal for a wide range of specialty electronic and general industrial applications. Available with acrylic adhesive on one side if required.

The **Norseal** K8000 Series is specially intended to provide the following features:

- Absorbs vibration and dissipates stress
- Flexible and conformable
- Good compression set resistance
- High internal strength
- Abrasion resistant

Available Sizes

Standard thickness: .030 in. (.76)

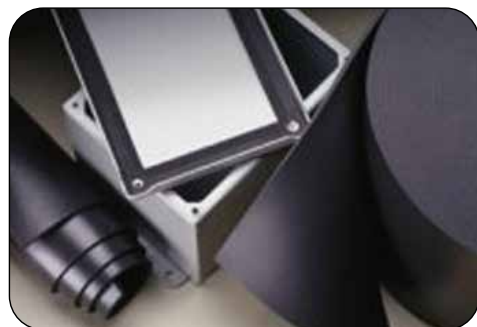
Master roll size: 56 in. (1422 mm) width.

Length varies with thickness.

Color: Black

Other Micro-Cellular urethane Foams

Saint-Gobain has developed a full line of micro-cellular foams. By varying the modulus and density, we have created a broad product group that is categorized by degree of deflection force.



APPLICATIONS

- Electrical enclosures
- Automotive Instrument panels
- Electronic gasketing
- Cellphones
- Appliance/Office Equipment
- Foot Pads
- Vibration damping
- Cushioning
- Acoustical control
- Spacers

Norseal K8000 Series — Properties

(Formerly known as Korel)

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

Property	Test Method	K8000
Density, lb/ft ³ (kg/m ³)	ASTM D3574	30 (480)
Thickness, inches (mm)	-	.030
Tensile Strength, psi (kPa)	ASTM D3574	350 (2413)
Tensile Elongation, %	ASTM D3574	290
Modulus psi (kPa)	ASTM D3574	75 (515)
Tear Strength, pli (kN/m)	ASTM D624 Die C	60 (10)
Compression Set, % @ 73°F (23°C) @158°F (70°C)	ASTM D3574 Test D	< 2 < 2
Compression Force Deflection, psi (kPa) 12.7 mm/min @ 25% Deflection	ASTM D3574 Test C	45 (310)
Force to Compress @ 25%, psi (kPa)	ASTM D1667	70 (480)

Options (subject to minimum order requirements)

Acrylic pressure sensitive adhesive (PSA) available on 1 side as option

Important Instructions

Because **Saint-Gobain** cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use.

Recommended service temperature is between -40 to 158°F (-40 to 70°C).

For PSA Option, surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface. Do not remove liner until tape is in proper position. Avoid touching adhesive surface before application.

Shelf Life

12 months after the date of sale when stored in original packaging at temperatures up to 70°F (21°C) and 50% relative humidity.

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

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