

LS7000/LS7100

High Density, Micro-Cellular Urethane Foam

Saint-Gobain® Norseal® LS7000/LS7100 Urethane Foam products are manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and are widely recommended for bumpers and footpads for appliances and electronic products because it provides a high coefficient of surface friction combined with a smooth non-marring surface. These are flexible foams and can easily be die-cut to the required size and shape. LS7100 provided with acrylic adhesive on one side.

The **Norseal** LS7000/LS7100 Series is specially intended to provide the following features:

- High coefficient of friction
- Abrasion resistance
- Flexible and conformable
- High durometer-will withstand heavy loads
- Smooth, non-marring surface
- Thicknesses from 16 mils to 62 mils

Available Sizes

Standard thickness: .016, .030 and .062 in.
(.38, .76 and 1.6 mm)

Master roll size: 56 in. (1422 mm) width. Length varies with thickness.

Special thickness and roll sizes also available.

LS7000 foam only format, LS7100 provided with Acrylic PSA

Color: Black



APPLICATIONS

Footpads and bumpers for:

- Appliance/Office Equipment
- Electronics
- Business machines
- Industrial equipment

Norseal LS7000/LS7100 Series – Properties

(Formerly known as Lo-Skid)

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	LS7000/LS7100
Density, lb/ft ³ (kg/m ³)	ASTM D3574	40 (640)
Thickness, inches (mm)	-	.016, .030, .062 (.4, .8, 1.6)
Hardness, Shore O	ASTM D2240	65
Tensile Strength, psi (kPa)	ASTM D3574	445 (3070)
Tensile Elongation, %	ASTM D3574	300
Modulus psi (kPa)	ASTM D3574	250 (1720)
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	< 5 < 35
Force to Compress @ 25%, psi (kPa)	ASTM D1667	110 (750)
Compression Force Deflection, psi (kPa) 12.7 mm/min @ 25% Deflection	ASTM D3574 Test C	65 (450)
Coefficient of friction, Kinetic	ASTM D4518	1.4
Peel Adhesion oz./in. (N/cm.) 180° Peel (For LS7100)	PSTC-3	65 (7.2) 80 (8.8)
Temperature Resistance Recommended Constant Use, max Recommended Intermittent Use, max	-	158°F (70°C) 250°F (121°C)

Norseal LS7000/LS7100 – Standard Roll Sizes

Product No.	Thickness in. (mm)	Length ft. (m)
LS7016/LS7116	.016 (.4)	200 (61)
LS7030/LS7130	.030 (.8)	200 (61)
LS7062/LS7162	.062 (1.6)	100 (30.5)

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.

For LS7100, 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.

The application temperature should be between 40°F and 125°F (4°C to 52°C). It is not recommended to apply these sealants at temperatures below 40°F (16°C), as the adhesive does not flow in this condition and can result in poor bonding. Recommended service temperature is between -15°F to 158°F (-26°C to 70°C) with adhesive. As foam only: -40°F and 158°F (-40°C to 70°C).

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.

WARRANTY: This document should not be considered a warranty or a guarantee. The descriptions of the Product provided hereinabove may vary based on specifications requested and testing protocols. Typically, Saint-Gobain warrants that product(s) will meet mutually agreed specifications at delivery and Saint-Gobain honors any breach of warranty claims for six (6) months from delivery of the products. If a product is determined to be nonconforming with its warranty, Saint-Gobain’s sole obligation is, at its option, to either replace the nonconforming products or reimburse the purchase price for the same.

The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. SAINT-GOBAIN DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE.



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