

NORTON

Gasketing Foams

Sealants

Acoustical Barrier

Vibration Damping

Thermal Shielding

SEALANTS & GASKET TAPES

NORSEAL® Sealants and Gasket Tapes		Thickness inches (mm)	Density lb./ft. ³ (kg/m ³)	Force to Compress @ 25% psi (kPa)	Compression Force- Deflection @ 25% psi (kPa)	
SOFT	Samples actually measure 3/8"x2" (this outline is slightly smaller)	V310 Low density very soft foam. UL 94 listed.* Seals irregular surfaces. Listed to FMVSS 302 flammability standard.	.125 (3.2) .188 (4.8) .250 (6.3) .375 (9.5) .500 (12.7) .625 (15.9)	4 (80)	1.8 (12.0)	0.7 (4.8)
		V730 Soft foam to seal thin gauge materials, irregular surfaces or to provide acoustical barrier.	.125 (3.2) .188 (4.8) .250 (6.3) .375 (9.5) .500 (12.7) .625 (15.9) .750 (19.0)	6 (96)	2.0 (13.8)	1.1 (7.6)
		V770 Soft foam to seal thin gauge materials, irregular surfaces and to provide acoustical barrier. Listed to FMVSS 302 flammability standard.	.125 (3.2) .188 (4.8) .250 (6.3) .375 (9.5) .500 (12.7)	6 (96)	2.0 (13.8)	1.3 (9.0)
		V820 Extra soft foam, conforms to irregular surfaces. Listed to FMVSS 302 flammability standard and UL 94 listed.*	.125 (3.2) .188 (4.8) .250 (6.3) .375 (9.5) .500 (12.7)	6 (96)	1.7 (11.7)	0.5 (3.4)
MEDIUM		V710 Use with fasteners, "swirl-free" foam that won't move, twist or displace when penetrated.	.063 (1.6) .125 (3.2) .375 (4.8) .250 (6.3) .375 (9.5)	10 (160)	4.7 (32.4)	1.9 (13.1)
		V740 Multipurpose medium-firmness foam, ideal for light, air and moisture seals. Gray and black color available	.063 (1.6) .125 (3.2) .188 (4.8) .250 (6.3) .375 (9.5)	9 (144)	3.5 (24.1)	2.0 (13.8)
		V780 Durable, easy to handle, excellent weathering properties with flame retardant. Listed to FMVSS 302 flammability standard.	.063 (1.6) .125 (3.2) .188 (4.8) .250 (6.3) .375 (9.5)	9 (144)	3.5 (24.1)	2.5 (17.2)
FIRM		V760 Firm, high-density foam ideal for vibration damping and abrasion resistance.	.063 (1.6) .094 (2.4) .125 (3.2) .188 (4.8) .250 (6.3)	15 (240)	7.2 (49.6)	3.4 (23.4)
		V860 Firm, high-density closed cell polyvinyl chloride foam, ideal for vibration damping. Listed to FMVSS 302 flammability standard.	.063 (1.6) .125 (3.2) .188 (4.8) .250 (6.3) .375 (9.5) .500 (12.7)	15 (240)	14 (96.5)	9 (62.1)
GLAZING TAPES		V980/V990 For commercial window glazing with moderate joint movement. Pressure-sensitive adhesive on both sides. Meets AAMA 810.1 requirements.	.031 (0.8) .063 (1.6) .125 (3.2) .188 (4.8) .250 (6.3)	15 (240)	8.9 (61.0)	6.6 (46.0)

NORSEAL — ADHESIVES

- Norseal standard adhesive is an aggressive acrylic for initial "quick stick."
- LE adhesive** is offered for use with low energy substrates.
- Available without adhesive.**

NORSEAL — LINER OPTIONS**

- ERH Easy Release Heavier Paper
- TRH Tight Release Heavier Paper
- Y Permanent Polyester

* Consult <http://www.ul.com> for specifics

** Minimum quantities may apply

Parameter values are not guaranteed and may vary from lot to lot

CUSTOM GASKET PROFILES

NOREX®



Fast, economical solution for special applications. Available with or without pressure-sensitive adhesive.

Characteristics: "Skin" on all sides eliminates open surface cells. Excellent resistance to weathering, seals against light, dust and moisture. Does not displace, drip or ooze. NSF approved formulations are available.

Custom Design Profiles: Capabilities to produce a full range of densities, shapes, colors, adhesive systems, liners, spool lengths. Some standard sizes available as stock. Non-stocking items are based on minimum volume requirements.

NORPRENE®



Custom designed foam profiles of a thermoplastic polymer with enhanced temperature and chemical properties.

Characteristics: Same unique properties as Norex foam extrusions with added temperature and chemical resistance. FDA compliant compounds available for food contact applications.

Custom Design Profiles: Full range of capabilities and selection of profiles for custom designs. Most profiles are made-to-order and must meet minimum order requirements.

MICRO-CELLULAR FOAM

KOREL®



K20
Very soft, highly conformable, microcellular urethane foam offering excellent compression set and compression force deflection.

Thickness inches (mm)	Density lb./ft. ³ (kg/m ³)	Compression Set % @ 73°F (23°C) % @ 158°F (70°C)	Compression Force- Deflection psi (kPa) 12.7 mm/min.@ 25%
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.063 (1.6)	20 (320)	< 3 < 10	3 (21)
.080 (2.0)			
.094 (2.4)			
.125 (3.2)			
.140 (3.6)			
.188 (4.8)			
.250 (6.3)			
.375 (9.5)			

K30
Soft, low deflection, conformable microcellular urethane foam with excellent compression set, ideal for gasketing.

.035 (0.9)	25 (400)	< 3 < 10	5 (34)
.045 (1.1)			
.063 (1.6)			
.125 (3.2)	20 (320)	< 3 < 10	6 (41)

K40
Medium deflection, microcellular urethane foam with minimal compression set, ideal for gasketing.

.063 (1.6)	20 (320)	< 3 < 10	10 (69)
.094 (2.4)			
.125 (3.2)			
.375 (4.8)			
.250 (6.3)			

K60
Very firm deflection, microcellular urethane foam with excellent gauge tolerances.

.012 (0.3)	40 (640)	< 4 < 10	25 (172)
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BUMPER / FOOTPAD

LO-SKID™



LS7000/LS7100
High density urethane foam with a high coefficient of surface friction. Uncoated or adhesive coated one side.

Thickness inches (mm)	Density lb./ft. ³ (kg/m ³)	Compression Force- Deflection psi (kPa) 12.7 mm/min.@ 25%	Coefficient of Friction (Kinetic)
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.016 (0.4)	40 (640)	65 (450)	1.1
.030 (0.8)			
.062 (1.6)			
.094 (2.4)			
.125 (3.2)			



PERFORMANCE PLASTICS

Saint-Gobain Performance Plastics
One Sealants Park
Granville, New York 12832, USA
Tel: (800) 724-0883
Fax: (518) 642-2793
marketing@plastics.saint-gobain.com

Avenue du Parc 18
B4650 Chaineux, Belgium
Tel: (32) 87 32 20 11
Fax: (32) 87 32 20 51
sgppl.chaineux@saint-gobain.com

13 Earlstrees Road
NN17 4NP Corby, Northants,
Great Britain
Tel: (44) 1536 276 000
Fax: (44) 1536 203 427
www.norfix.saint-gobain.com

6th floor, Fuchu South Building
1-40 Miyamachi
Fuchu-city, Tokyo 183-0023, Japan
Tel: (81) 42 352 2104
Fax: (81) 42 358 2887

13th floor, Dongshin Building
141-28 Samsun-Dong
Kangnam-Ku, Seoul 135-090, Korea
Tel: (82) 2 508 8200
Fax: (82) 2 554 1550

Suite 1203,
147 Chienkwo North Road, Section 2
Taipei 104, Taiwan
Tel: (886) 2 2503 4201
Fax: (886) 2 2503 4202

1468 Kun Yang Road
Minhang Development Zone
Shanghai, 200245, China
Tel: (86) 21 5472 1568
Fax: (86) 21 5472 2378

Kuala Lumpur Office
N°50, Jalan PJS 11/20
46150 Petaling Jaya, Malaysia
Tel: (60) 3 5636 4082
Fax: (60) 3 5636 4099

Devanahalli Road,
Via Old Madras Road
Bangalore 560 049, India
Tel: (91) 80 2847 2900
Fax: (91) 80 2847 2616

R. Antonio Matheus Sobrino, 120
Vinhedo-SP Brasil
CEP: 13.280-000
Tel: (55) 19 2127 8532/8530
Fax: (55) 19 2127 8540

Performance Taking Shape

Every day, Saint-Gobain products provide customers with the highest levels of performance — performance which is the result of creative ideas and innovative technologies.

A recognized leader in advanced polymer technology, Saint-Gobain Performance Plastics is part of an international family of companies comprising Compagnie de Saint-Gobain, a global force in engineered materials. With a worldwide network of manufacturing and sales facilities, Saint-Gobain Performance Plastics brings years of experience to developing innovative polymer solutions for its customers.

By conforming to the world's most demanding quality standards — including ISO9001/9002 — Saint-Gobain offers its customers something which they have come to expect: Products and service of the highest and most consistent quality available.



For more demanding applications regarding high-temperature exposure, please consider Saint-Gobain's COHRLastic® silicone rubber products.

SELECTING THE RIGHT PRODUCT FOR THE APPLICATION

Saint-Gobain high-performance sealing tapes are offered in a wide range of thicknesses, widths, compositions, compressibility values and colors. Each one is engineered to solve a range of needs, and are available with or without adhesive.

In general:

- Select a soft foam product to seal thin-gauge materials, irregular surfaces, and to provide an acoustical barrier.
- Select a medium foam for most common air and water seals.
- Select a firm foam for higher compression and good abrasion resistance.

NORSEAL® is a closed-cell PVC foam which is a durable economical choice for seals against water, dirt and air infiltration.

Applications include:

- Appliance seals
- Electronic equipment
- Die-Cut gaskets
- Window and door weather-stripping
- Truck cab and body seals
- Foundation to sill gaskets
- Concrete forms
- Export container seals
- Roof sealing for parapets
- Light and dust seals
- Suspended ceilings
- Refrigeration
- Wall systems
- Environmentally controlled rooms
- Toolbox lid seals
- Anti-squeak seals
- Air conditioner
- Corrugated wall seals
- Machinery enclosures

NOREX® and NORPRENE®

are extruded gaskets designed to provide a fast and economical sealing solution. Custom profiles are available in a range of densities.

Applications include:

- Open/close louver gaskets
- Marine hatch gaskets
- Vent window weather-stripping
- Refrigeration panels
- Access panel seals
- Curtain walls
- Truck cab window seals

KOREL® products are micro-cellular urethane foams uniquely engineered for high performance gasket applications. They offer excellent compression set resistance and vibration damping properties.

Applications include:

- Mobile phones
- Electronic gasketing
- Impact/Vibration Dampening/protection

LO-SKID™ high density urethane foam has a high coefficient of surface friction and is supplied without adhesive or adhesive on one side.

Applications include:

- Foot pads and bumpers for:
- Business machines
- Housewares
- Industrial equipment
- Electronic devices

Distributed By:



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