

## 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 colours. 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.

## WHICH COMPOSITION TO CHOOSE ?

### NORSEAL® and NORGLAZE®

NORSEAL® is a closed-cell PVC foam which is an economical choice for seals against water, dirt and air infiltration. NORGLAZE® is a PVC foam used as protection pads.

#### Applications include :

Appliance seals and 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  
Glass protection pads

### AGP™

Ultra-soft, conformable closed cell Alkyl Grafted Polymer foam that has water sealing properties with 30% compression. Offers a wide application temperature range and excellent, outstanding weather aging characteristics.

#### Applications include :

Water, air, dust & noise seals in automotive interior and underhood applications.

### DYNAFOAM®

DYNAFOAM® is a robotically applied rubber modified polyester or polyether gasket designed for automation to enhance productivity in high volume applications.

#### Applications include :

Automotive tail light seals  
Fixed window assemblies  
Washing machine splash tub seals  
Audio speakers  
Fuse and connector boxes  
Rain gutter gaskets  
Sunroofs  
HVAC filter housing

### NOVALASTIK®

NOVALASTIK® is a soft PVC foam core, covered with a tacky butyl for critical sealing applications.

#### Applications include:

Any sealing between aluminium profile & brick walls  
Industrial Roofing  
Automotive : Fixed side window  
Door panel

### NORFIX®

NORFIX® is a PVC, PE or PU foam, designed for gasketing or damping applications.

#### Applications include :

Dust masks  
Polytunnel greenhouses

### NOREX® and NORPRENE®

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®

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

#### Applications include :

Mobile phones  
Electronic gasketing  
Dampening

### LO-SKID™

LO-SKID™ high density polyurethane 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

# Gasketing Foams

Sealants

Acoustical Barriers

Vibration Damping

Thermal Shielding

Distributed by :

The data and details in a this leaflet were correct and up-to-date at the time of printing and are intended to provide information on our products and their possible applications. This leaflet is not a specification and does not assure specific product characteristics or make reference to the suitability of the products for a definite application. Because Saint-Gobain cannot anticipate or control every application, we strongly recommend testing of the product under individual application conditions.

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# SEALANTS & GASKET TAPES

NORSEAL®	PVC & PU Foams	Thickness (mm)	Colour & Liner*	Density (kg/m <sup>3</sup> )	Compression 30 % (kPa)
	<b>1020</b> Open cell, soft PVC foam, easy to compress, it returns very quickly to its original height. With acrylic adhesive polyester liner, ideal for open & close applications.	3	Black Polyester	120	7-25 (50%)
	<b>2520</b> A soft PVC foam designed to be an ideal water seal with excellent conformability to rough or complex surfaces. With an acrylic adhesive.	3-4.5-6 10-12-15 20	Black/Grey Paper/Polyester	105	5-16
	<b>4030</b> A PVC foam seal with a medium hardness and "swirl-free" properties, that will not move or twist when penetrated by fasteners. With an acrylic adhesive.	1.5-3-4.5 6-10	Black/Grey Paper/Polyester	160	20-50
	<b>5040</b> A firm PVC foam that seals well, and is durable enough for use in automatic systems, or where a stronger foam is needed. With an acrylic adhesive.	1.5-3 4.5-6	Black/Grey Paper	220	>40
	<b>6050</b> A very firm PVC foam that can be used as a weather sealant in high load bearing applications, or for vibration damping. With an acrylic adhesive.	1.5-3 4.5-6	Black Paper	260	70-140
	<b>V790</b> Polyurethane foam with adhesive on one side. For log home applications.	6.4 9.5 12.7	Black Paper	250	
	<b>V980 / V990</b> PVC tape for commercial window glazing with moderate joint movement. Acrylic pressure-sensitive adhesive on both sides.	0.8-1.6-3.2 4.8-6.4	Black V980 : paper V990 : PE	240	61

\* Other colours/liners available upon request.

AGP™	Alkyl Grafted Polymer Foams	Thickness (mm)	Colour	Density (kg/m <sup>3</sup> )	Force to Compress 30 % (kPa)
	<b>AGP200</b> Ultra-soft, partially closed cell, easy to compress foam ; ideal water seal with only 30% compression ; does not contain plasticizers. Offers outstanding aging properties, under extreme conditions.	3-4.5 6-8-10 12-15-17	Black	60	6
	<b>AGP300</b> Soft, conformable, closed cell foam. Provides watertight seals with low compression forces. Skin on both sides.	8-10-12-13 15-20-25-30	Black	60	9

NORGLAZE®	PVC Foams	Colour & Liner	Thickness (mm)	Density (kg/m <sup>3</sup> )	Force to Compress 30% (N/cm <sup>2</sup> )
	High visibility PVC foam with peelable adhesive. Ideal glass protection pads.	Grey/Red/Blue White glassine paper	1.0 - 4.5	220-600	10

NORFIX®	PVC & PE Foams	Colour & Liner	Thickness (mm)	Tensile Strength (kPa)
	<b>4700 &amp; 4800</b> Single sided PVC or PE foam protection tapes. Ideal for thermal break between two dissimilar surfaces.	White on Polyester	0.5-3.0	160

DYNAFOAM®	Foamed-In-Place Gasketing Material
	DYNAFOAM is a unique, one-component rubber modified polyester or polyether that applies in a similar manner as hot melts, yet is a thermosetting material that cures to a flexible cellular rubber gasket. Application techniques allow you to automatically create and apply, in one step, a single gasket whose profile can be a multitude of shapes. Designed for automation, it enhances productivity in high volume applications.

KOREL®	Micro-Cellular Polyurethane Foams	Thickness (mm)	Density (kg/m <sup>3</sup> )	Compression Set (%)	Compression Force-Deflection (kPa) 12.7mm/min at 25% deflection
	<b>K20</b> Very soft, highly conformable, microcellular polyurethane foam offering excellent compression set and compression force deflection.	0.5-0.7-1.0- 1.6-2-2.4 3.2-3.6-4.8 6.4	320	<10 @ 70°C	20
	<b>K30</b> Soft, low deflection, conformable microcellular polyurethane foam with excellent compression set, ideal for gasketing.	0.3-0.9-1.1 1.7-3.2	240-400	<3 @ 23°C <7 @ 70°C	41 35
	<b>K40</b> Medium deflection, microcellular polyurethane foam with minimal compression set, ideal for gasketing.	1.5-2.4-3.2 4.8-6.4	320-560	<2 @ 23°C <7 @ 70°C	62 - 83
	<b>K60</b> Very firm deflection, microcellular polyurethane foam with excellent gauge tolerances.	0.3	640	<3 @ 23°C <7 @ 70°C	240

LO-SKID™	High Density Polyurethane Foams	Thickness (mm)	Density (kg/m <sup>3</sup> )	Compression Set (% @ 25%)	Coefficient of Friction
	<b>LS700/LS7100</b> High density polyurethane foam with a high coefficient of surface friction. Uncoated or adhesive coated one side.	0.8-1.6-3.2	476	<5 @ 23°C	1,1

NOREX®	PVC Foam Extrusion	Characteristics
	Fast economical solution for special sealing applications. Available with or without pressure-sensitive adhesive.	"Skin" on all sides eliminates open surface cells. Excellent resistance to weathering, seals against light, dust and moisture. Does not displace drip or ooze.

NORPRENE®	Thermoplastic Foam Extrusion	Characteristics
	Custom designed foam profiles of a thermoplastic polymer with enhanced temperature and chemical resistance.	Same unique properties as NOREX foam extrusions with added temperature and chemical resistance.

NOVALASTIK®	Butyl Coated Foam Profiles	Characteristics
	Outstanding solution for critical sealing applications. [Samples available upon request]	The foam core, with the same unique properties as NOREX, combined with the high tack butyl encapsulation, assures an excellent water & water vapour seal and recovers the joint movements.