



2521 SERIES

Soft, closed cell PVC foam. Watertight seal. Flame retardant grade.

Norseal® 2521 is manufactured by **Saint-Gobain**® Performance Plastics Corporation, Tape Solutions business, and comes with a closed cell PVC foam with a very low density and a low force to compress.

Norseal 2521 is intended to create a watertight seal with a minimal amount of force. This ability allows it to conform easily to rough or irregular surfaces. It is also ideal for sealing thin gauge metals or plastics which could distort easily under greater pressures.

To create an adequate seal, the foam must be compressed a minimum of 30% in the final joint (depending on the shape of the gasket as well as the roughness of both surfaces). Once in place, the foam will be able to handle normal joint movement due to thermal expansion or environmental forces.

The acrylic adhesive used on the **Norseal** product line is a pressure sensitive adhesive and therefore must be applied to clean, dry surfaces. The adhesive is used to hold the gasket in place before compression.

Flame retardant grade: **Norseal** 2521 is B1 certified (DIN 4102-01, 05/98). Copy of the certificate will be forwarded on demand.

Also Available

Norseal 2520, regular (not flame retardant) grade.

Norseal 2525, foam without adhesive.



APPLICATIONS

- Partition walls
- Doors & windows
- HVAC
- Refrigeration
- Metal roofing
- Anti-squeak seals
- Retail weatherstripping
- Appliances



✓ Environmental impacts assessed (Life Cycle)
 ✓ Environmental Product Declaration verified

Norseal 2521 Series – Properties

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

Thickness (mm) × length (m)	3.0 × 30 - 4.5 × 20 - 6.0 × 15 - 10.0 × 10 - 12.0 × 8 - 15.0 × 6 - 20.0 × 5
Widths:	6 mm to 1422 mm
Min. useful width:	1360 mm
Colour:	Black or grey

Other roll lengths, colours & liner (polyester) are also available. Please ask for MOQs

Property	Value	Test Method
Density (kg/m ³)	90 - 130	ASTM D-1667
Compression, 30% (N/cm ²)	0.5 - 1.9**	ASTM D-1667
Deflection, 30% (N/cm ²)	0.2 - 0.8	ASTM D-1667
Compression set @50% (%)	<10	ASTM D-1667
Hardness (shore OO)	14	ASTM D-2240
Tensile (N/cm ²)	16	DIN 53571
Elongation (%)	200	DIN 53571
Water absorption (%)	< 15**	NTP-35
Water-tightness (U-Test - 30%)	Pass	NTP-38
Water-tightness (U-Test - 50% - 30 min. - 121°C)	Pass	ESB-M3G102-A
Air-tightness @30%, 2000 Pa	No Leak	10PRT128
Service Temperature (°C)	-40 to +70	
Application temperature (°C)	-30 to +50	
Flammability	HBF	UL-94
Thermal conductivity (mW/mK) OkPa	31	ISO 8302
Fungus resistance	0 = inert or fungistatic	ISO 846 A&C

* NTP = Norton Test Procedure.

** for thicknesses from 3 to 15 mm incl.

Storage

Material should be stored at room temperature.

Shelf Life

The adhesion performance decreases with time; we therefore recommend use within 6 months after delivery.

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