NORSEAL



3521 SERIES

Seal, Shock & Vibration Absorber

Norseal® 3521 is manufactured by **Saint-Gobain**® Performance Plastics Corporation, Tape Solutions business, and comes with a low density, multipurpose, closed cell PVC foam.

Norseal 3521 is intended for a variety of sealing and energy absorbing applications in both the construction and automotive markets. It balances the compression force and flexibility of low density foams with the durability and resiliency of harder foams.

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 3521 is B1 certified (DIN 4102-01, 05/98).
Copy of the certificate will be forwarded on demand.

Also available

Norseal 3520, regular (not flame retardant) grade.

APPLICATIONS

- Appliance seals
- Windows and doors
- Water seal in the automotive
- HVAC systems

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Norseal 3521 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:	1.5 - 3.0 - 4.5 - 6.0 mm - MOQs will apply
Widths:	6 mm to 1422 mm
Min. useful width:	1360 mm
Colour:	Black, grey or white

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

Property	Value	Test Method
Density (kg/m³)	100 - 155	ASTM D-1667
Compression, 50% (N/cm²)	4 - 8	ASTM D-1667
Deflection, 50% (N/cm²)	1 - 4	ASTM D-1667
Hardness (shore 00)	26	ASTM D-2240
Tensille (N/cm²)	24	DIN 53571
Elongation (%)	180	DIN 53571
Water absorption (%)	6	NTP-35
Service temperature (°C)	-30 to +70	

* NTP = Norton Test Procedure.

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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