



NORSEAL®

2521 Series

Providing protection in your environment

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

NORSEAL® 2521 is a **closed cell PVC foam** with a very low density and a low force to compress.

NORSEAL® 2521 is designed 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
- Appliance

SAINT-GOBAIN

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) x length (m) 3.0 x 30 - 4.5 x 20 - 6.0 x 15 - 10.0 x 10 - 12.0 x 8 - 15.0 x 6 - 20.0 x 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)	0.5-1.6	ASTM D-1667
Deflection, 30% (N/cm ²)	0.2-0.6	ASTM D- 1667
Hardness (shore 00)	14	ASTM D-2240
Tensile (N/cm ²)	16	DIN 53571
Elongation (%)	200	DIN 53571
Water absorption (%)	4	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.

NORSEAL® is a registered trademark of Saint-Gobain Performance Plastics.



Saint-Gobain Performance Plastics

Avenue du Parc 18
4650 Chaineux (Belgium)

Phone: +32/87 32 20 11

Fax: +32/87 32 20 51

foams@saint-gobain.com
www.foams.saint-gobain.eu

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

Limited Warranty: For a period of 6 months from the date of first sale, Saint-Gobain Performance Plastics warrants this product(s) to be free from defects in manufacturing. Our only obligation will be to provide replacement product for any portion proving defective, or at our option, to refund the purchase price thereof. User assumes all other risks, if any, including the risk of injury, loss or damage, whether direct or consequential, arising out of the use, misuse, or inability to use this product(s).

SAINT-GOBAIN PERFORMANCE PLASTICS DISCLAIMS ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

NOTE: Saint-Gobain Performance Plastics Corporation does not assume any responsibility or liability for any advice furnished by it, or for the performance or results of any installation or use of the product(s) or of any final product into which the product(s) may be incorporated by the purchaser and/or user. The purchaser and/or user should perform its own tests to determine the suitability and fitness of the product(s) for the particular purpose desired in any given situation.