

6050 SERIES

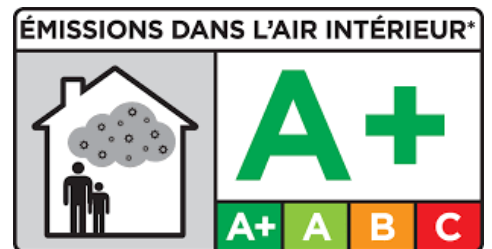
Seal and Vibration Dampener

Norseal® 6050 is manufactured by **Saint-Gobain**® Performance Plastics Corporation, Tape Solutions business, and comes with a very high density, closed cell PVC foam with a high force to compress, and excellent rebound abilities.

Norseal 6050 is ideal for sealing, die-cutting and vibration dampening. It is also dimensionally stable, even under heavy loads, which makes it an excellent spacer material.

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.



APPLICATIONS

- Die-cutting
- Environmentally controlled rooms
- Heavy suspended ceilings
- Water tanks



Norseal 6050 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)	1.5 × 60 - 3.0 × 30 - 4.5 × 20 - 6.0 × 15
Widths:	6 mm to 1422 mm
Min. useful width:	1360 mm
Colour:	Black
Liner:	Siliconised paper

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

Property	Value	Test Method
Density (kg/m ³)	220 - 300	ASTM D-1667
Compression, 30% (N/cm ²)	8 - 20	ASTM D-1667
Deflection, 30% (N/cm ²)	4 - 11	ASTM D-1667
Compression set @50% (%)	<10	ASTM D-1667
Hardness (shore 00)	55	ASTM D-2240
Tensile (N/cm ²)	102	DIN 53571
Elongation (%)	225	DIN 53571
Water absorption (%)	<10	NTP-35
Water-tightness (U-Test - 30%)	Pass	NTP-38
Air-tightness @30%, 2000 Pa	No leak	10PRT128
Service temperature (°C)	-40 to +70	
Application temperature (°C)	-30 to +50	
Thermal conductivity (mW/mK) 0kPa	41	ISO 8302
Fungus resistance	0 = inert or fungistatic	ISO 846 A&C

* 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.



TAPE SOLUTIONS

North America | South America
Europe | Asia

For more information, please visit
tapesolutions.saint-gobain.com

IMPORTANT: It is the user's responsibility to ensure the suitability and safety of Saint-Gobain products for all intended uses and that the materials to be used comply with all applicable regulatory requirements. Saint-Gobain assumes no responsibility for any product failures that occur due to your actions or inactions, including your use, design, fabrication or application of the products into which the materials are incorporated.

WARRANTY: This document should not be considered a warranty or a guarantee. The descriptions of the Product provided hereinabove may vary based on specifications requested and testing protocols. Typically, Saint-Gobain warrants that product(s) will meet mutually agreed specifications at delivery and Saint-Gobain honors any breach of warranty claims for six (6) months from delivery of the products. If a product is determined to be nonconforming with its warranty, Saint-Gobain's sole obligation is, at its option, to either replace the nonconforming products or reimburse the purchase price for the same.

The only obligation under any applicable product warranty will be to replace any portion proving defective, or at our option, to refund the purchase price thereof. **SAINT-GOBAIN DISCLAIMS ALL OTHER EXPRESS OR IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE.**

Form #1032EU | © Saint-Gobain March 2025 | All the mentioned trademarks are registered trademarks of Saint-Gobain Tape Solutions or affiliates, part of Saint-Gobain group.