



ACRYLIC SEALING TAPE

Conformable AST with Ionomeric Film 5010 (Article number 6702), 5020 (Article number 6693), 5110 (Article number 6694)

Saint-Gobain® Norseal® Acrylic Sealing Tape is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a high performance modified acrylic tape with a permanent ionomeric film intended for overlap seam or joint in a variety of challenging applications.

Norseal Acrylic Sealing Tape is a single coated tape specially intended to provide the following features:

- Watertight sealing for all kinds of gaps, seams or joints
- High tack and end adhesion to HSE and LSE
- Highly flexible acrylic foam for irregular and rough surfaces
- Ionomeric carrier film is flexible, paint- & printable and abrasion resistant
- Suitable for outdoor application: Very good vapor blockage and UV resistance
- Can be adhered overlapped
- Sealing with wide gaps, vibration, thermal cycling and harsh environments
- Carrier is covered on the backside with a liner to facilitate direct application
- After applying initial pressure the liner will be removed revealing the paintable and abrasion resistant backing



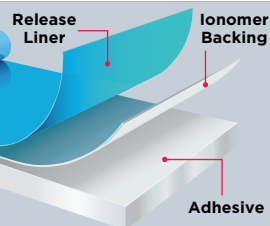
SEALING APPLICATIONS

- **Transportation & Automotive**
 - Sealing roof seams on trucks, trailers, trains, buses, RVs
 - Body panel joints and trim seams
- **Construction & Roofing**
 - Roof joints and overlaps, also on polycarbonates
 - Skylights, gutters, flashing, and ventilation ducts
- **Industrial & Manufacturing**
 - HVAC ducts, air units, pipelines
 - Metal building joints and enclosures
- **Marine & Outdoor Equipment**
 - Boat hatches and marine windows
 - Outdoor electrical boxes
- **General Repairs**
 - Leak patching and sealing irregular surfaces
 - Waterproofing for windows, doors, sheds, and greenhouses



Norseal Acrylic Sealing Tape – Properties

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

Tape Construction				Norseal Acrylic Sealing Tape		
				AST 5010	AST 5020	AST 5110
Total Thickness (excluding liner), Colour				1 mm, White	2 mm, White	1 mm, Grey
	Liner	Single-sided siliconized PET film	56 µm, Transparent			
	Backing	Ionomeric film	100 µm, Transparent			
	Adhesive	Modified acrylic	900 µm, White	1900 µm, White	900 µm, Grey	
	Standard Dimensions				1300 mm × 33 m (or customised)	1300 mm × 17 m (or customised)
Property	Test Method	Condition	Substrate	AST 5010	AST 5020	AST 5110
90° Peel Adhesion [N/25 mm]	Based on ASTM D-3330	72 hour room temp. with 50 µm acrylic tape to attach aluminium peel strip backing, no adhesion promoter of primer used	Stainless steel	45	60	45
			Aluminium	35	45	35
			Glass	30	45	30
			OEM paint	30	35	30
			PC	30	35	30
			PVC	35	45	35
			PMMA	35	45	35
Cold Slam	WSS-M11P65-A	30 ± 2°C, 10 cycles	—	Pass		
Paintability	—	Paint to ionomeric film	—	Pass (no cracking after cure)		

Important Instructions

- Because **Saint-Gobain** cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use.
- Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface.
- Apply a uniform pressure of 15 psi (103 kPa) to promote good contact between the material to be bonded and the tape. The application temperature should be between 60°F and 125°F (16°C to 52°C). It is not recommended to apply these tapes at temperatures below 60°F (16°C), as the adhesive does not flow in this condition and can result in poor bonding.
- Recommended service temperature is between -40°F to 212°F (-40°C to 100°C).
- The adhesion between the substrate and the tape increases with time, typically reaching final bond strength in 72 hours. Heating the product above 105°F (40°C) will accelerate the adhesion process.

Shelf Life

12 months after the date of sale when stored in original packaging at temperatures up to 70°F (21°C) and 50% relative humidity.

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.

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