

MOPP red liner
with 80 µm

Polyester film

A7100R

Double-sided adhesive tape with polyester carrier

Saint-Gobain® Norbond® A7100R is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with a transparent, double-sided adhesive tape with polyester backing. The adhesive used in this product has an excellent initial tack and it provides a good performance on high and low energy substrates.

The A7100R is specially intended to provide the following features:

- Great conformability
- Resistance to weathering degradation (UV and high temperature)
- Excellent performance in dynamic shear and peel adhesion
- Outstanding static shear adhesion
- Durable adhesion at elevated temperature

Available Sizes

Standard thickness: 0.10 and 0.20 mm.

Master roll size 800 mm × 50 or 700 m.

Special thickness and roll sizes also available.

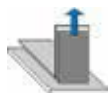


APPLICATIONS

- Indoor and outdoor signs
- Decorative profiles
- Displays, battery in electronic devices
- Plastics, EPDM profile in the car industry

Norbond A7100R Series – Properties

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



90° Peel Adhesion ¹ on different surfaces (3-day dwell)						Dynamic Shear ² (3 – day dwell)	Static Shear ³
Stainless Steel	Glass	PC	PVC	PS	PP	Stainless Steel	Stainless Steel
N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm ² (lb/in ²)	7 days/1kg (1-inch ² sample size)
12 (6.9)	11 (6.3)	10 (5.7)	9 (5.1)	8.5 (4.9)	4 (2.3)	60 (87)	1000g
Thickness (without liner)		0.20 mm					
Solvent resistance		High					
UV Resistance		High					
Humidity Resistance		High					
Temperature Resistance		Short Term (minutes/hours)			300°F (150°C)		
		Long Term (Days/weeks)			176°F (80°C)		

¹ Based on ASTM D3330
² Based on ASTM D1002

³ Based on ASTM D3654

Important Instructions

- Because **Saint-Gobain** cannot participate 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 21 psi (147 Kpa) to promoter good contact between the material to be bonded and the tape.
- The application temperature should be between 59°F and 125°F (15°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.
- The adhesion between the substrates 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 manufacture when stored in the 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.

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