



OP7

Finish Blocking Pad for General Use

Saint-Gobain® Norbond® OP7 is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and comes with an economic, yet reliable, performing blocking pad for general use. It is constructed with a strong polyurethane foam that is engineered to resist the rotational forces resulting from the edging process. With strong acrylic adhesive on both sides, it will not slip during the edging process, yet removes cleanly with no residue or adhesive marring. OP7 is provided with a silicone-coated paper liner that allows for easy die-cutting.

Norbond OP7 is specially intended to provide the following features:

- Strong polyurethane foam core assures a precise hold
- Acrylic adhesive on both sides for good quick-stick and clean removal
- Flexible and conformable for good wet-out to a wide range of lens curvatures
- Economic alternative for non-super hydrophobic lens coatings

Available Sizes

Standard thickness: .031 in.

Master roll size: 54 in. (1372 mm) width.

Length varies with thickness. Slit rolls also available.



APPLICATIONS

- Blocking pads for optical lens edging

Norbond OP7 – Properties

(Formerly known as SecurEdge)
 Performance tests are run using standard test procedures.
 The values presented are typical values and should not be used for specification purposes.

Property	Typical Value
Density: lb/ft ³ (kg/m ³)	33 (530)
Dynamic Shear Adhesion: 20 min. dwell Stainless steel overlap: psi (kPa)	134 (924)
90° Peel Adhesion: coated lens lbs/in. (N/cm)	.59 (1.03)

Norbond OP7 – Standard Roll Sizes

Product No.	Thickness in. (mm)	Length ft. (m)
OP7	.031 (.8)	216 (65)
OP7	.031 (.8)	432 (131)

Liners

A white or blue paper liner is standard.

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 200°F (-40°C to 93°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.

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