

NORBOND®

OP5C

Providing durable, long-lasting security

Finish Blocking Pad With Unique Reinforced Foam

Saint-Gobain NORBOND® OP5C finish blocking pad was developed with a unique construction never before used in bonding pads for the lens edging process. By utilizing a unique internal reinforcement technology, the tape is able to resist high rotational forces and prevents off-axis movement during the edging process. The conformable foam surface features a modified acrylic adhesive that ensures good contact to a wide range of lens materials, coatings and curvatures.

NORBOND OP5C is specially designed to provide the following features:

- Unique reinforced foam resists torque forces in the X-Y direction
- Soft foam surface conforms to lens curvature
- Modified acrylic adhesive system adheres to wide range of lens coatings

Available Sizes

Standard thickness: 0.031 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® OP5C – 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)	130 (896)
90° Peel Adhesion: coated lens lbs/in. (N/cm)	.55 (.97)

Linens

A white 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.

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



Saint-Gobain Performance Plastics

One Sealants Park
Granville, NY 12832

1-800-724-0883
Tel: (518) 642-2200
Fax: (518) 642-2793

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

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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).

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NORBOND® OP5C– Standard Roll Sizes

Product No.	Thickness in. (mm)	Length ft. (m)
OP5C	.031 (.8)	216 (65)
OP5C	.031 (.8)	432 (131)