

# OP5C

## Finish Blocking Pad With Unique Reinforced Foam

**Saint-Gobain® Norbond®** OP5C finish blocking pad is manufactured by **Saint-Gobain** Performance Plastics Corporation, Tape Solutions business, and 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 intended 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 <sup>3</sup> (kg/m <sup>3</sup> )	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)

**Norbond OP5C – Standard Roll Sizes**

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

**Liners**

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.

**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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