

SecurEdge® Plus OP44 Application Recommendations

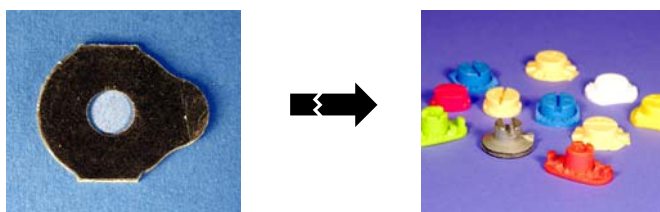
SecurEdge® Plus OP44 Series is the latest generation blocking pad designed specifically to bond to the latest generation of **Low Surface Energy super hydrophobic coatings**.

Based on the proven design of the highly successful SecurEdge® technology, SecurEdge® Plus improves on this with the incorporation of a high performance adhesive system engineered specifically to perform on the latest generation lens coatings.

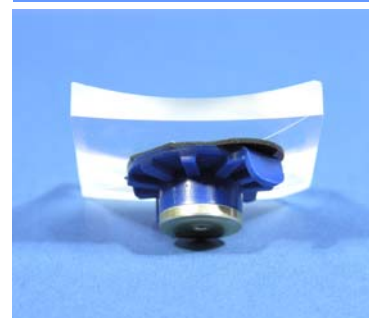
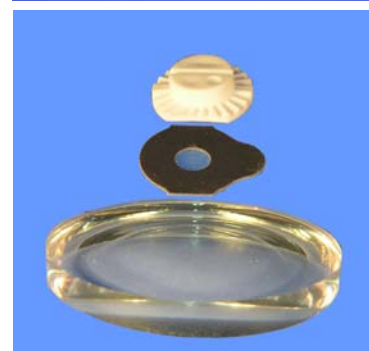
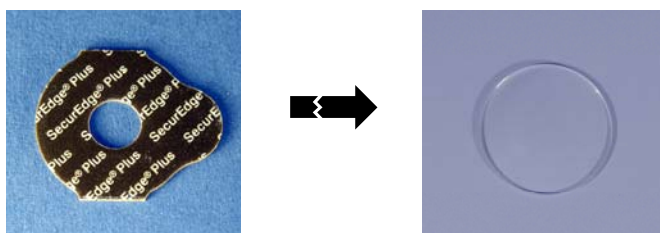
Dual Adhesive System

Each side (front and back) of the SecurEdge® Plus edging pads uses a different adhesive :

- Non-printed side : Adhesive is formulated for adhesion to the block.



- Printed side (SecurEdge® Plus logo) : Adhesive is specially formulated for adhesion to super hydrophobic coated lens surface.



Saint-Gobain Performance Plastics S.A.
Avenue du Parc 18
B-4650 Chaineux (Belgium)
Phone : +32/87.32.20.11
Fax : +32/87.32.20.51
E-mail : sgppl.chaineux@saint-gobain.com

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SecurEdge® Plus - Instructions for Use

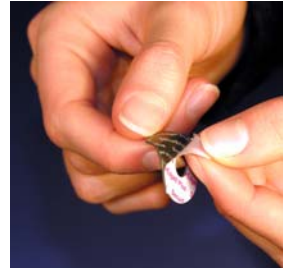
Surface Preparation

It is important that the lens surface is dry and free of dust, finger prints or other contaminants. If there is a risk of contamination a 50/50 isopropyl alcohol and water solution is sufficient to clean the bonding area prior to tape application. The alcohol wipe cloth must be clean at all times. Refer to the MSDS of any cleaning solvents for proper use and procedures. The surface must be dry before the pad is contacted to the surface.



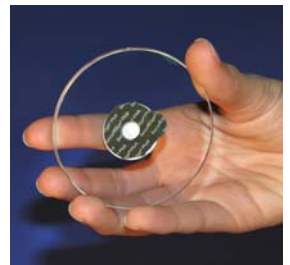
Application Technique

Apply the SecurEdge® Plus pad to the block before applying the pad to the lens. Ensure that the non-printed side of the pad is to the block.



Firmly apply the SecurEdge® Plus pad to the lens. Ensure that the printed side of the pad is to the lens.

Make sure the SecurEdge® Plus pad completely wets-out the surface of the lens.



Preventing Slippage

The key to edging super hydrophobic-coated lenses is controlling the variables that lead to slippage. Three main variables that have the greatest influence on the edging process are :

- A clean super hydrophobic coated lens.
Prior to blocking, the lens should always be cleaned as described above. This will ensure that the pad is adhered to a stable clean surface.
- Type of lens.
With super hydrophobic coatings, plastic (CR39) and HI plastics, no special measures are needed. When edging polycarbonate or Tryvex lenses, we advise modifying the pad shape.
- High minus lenses with hard blocks does not wet-out the surface of the lens. Use the same solution as proposed for the polycarbonate.

Preventing Residue

Do not use on non-coated lenses. Do not twist; only pull forces are needed.

Edging Pads and Blocks

Choose the right edging pad shape :

- The pad should have the same shape as the block used.
- Only modify a shape for polycarbonate and Tryvex lenses.
- Block radius and lens should be closely matched for optimum adhesion and wet-out.
- Blocks should be clean and dry prior to pad application.

SecurEdge® Plus is a registered trademark.

The above instructions are general guidelines. Because Saint-Gobain cannot anticipate or control every potential application, we recommend testing the product under individual application conditions prior to use. If you have any questions or comments please feel free to contact Saint-Gobain Technical Service.

