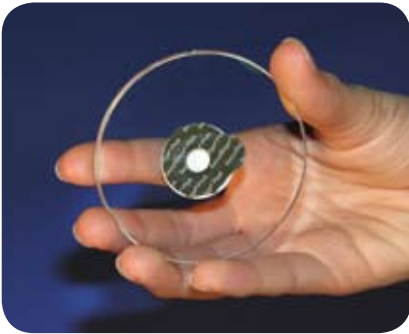


# SecurEdge<sup>®</sup> Plus OP46



SecurEdge<sup>®</sup> Plus OP46 Series was designed to bond to the Low Surface Energy super hydrophobic coatings.

Based on the proven design of the highly successful SecurEdge<sup>®</sup> technology, SecurEdge<sup>®</sup> Plus OP46 improves on this with the incorporation of a high performance adhesive system engineering specifically to perform on the latest generation lens coatings.

## Technical Properties

Property		Unit	Value
Thickness		mm	0.8
Density		kg/m <sup>3</sup>	530
Dynamic Shear Adhesion	20 min. dwell, Stainless steel overlap	kPa	579
90° Peel Adhesion	Stainless steel	N/cm	0.93

**Optical tape.**  
**Engineered for super hydrophobic lens coatings.**

## Features / Benefits

- **Foam core resists torque forces.**  
Microcellular polyurethane tape substrate provides for good surface conformability with exceptional resistance to rotational forces.
- **Modified adhesive designed for low surface coatings.**  
The adhesive for the lens surface is formulated to adhere to a wide range of the latest generation super hydrophobic coatings.
- **Differential adhesive system.**  
The adhesive system engineered for the lens surface is identified to insure error free application technique.
- **Available in a wide range of die cut shapes & sizes.**  
Allows for use in many block types and edging equipment.

## Application

The new generation super hydrophobic coatings are engineered so nothing will stick to them - dirt, dust, fingerprints, etc. The problem is this also includes conventional adhesive blocking pads. It's critical that proper application techniques be followed to reduce the possibility of slippage, even when advanced technology products like SecurEdge® Plus are used.

### Clean - Clean - Clean

Prior to bonding the tape to the block and lens, it is imperative all surfaces be thoroughly cleaned to provide for the maximum adhesion bond possible.

### Use the correct adhesive for the lens

SecurEdge® Plus OP46 utilizes two different adhesives. The adhesive system for the lens surface is identified with "SecurEdge® Plus" printed under the adhesive. Be sure this side is against the lens.

### Match the lens and block curvature for good wet-out

Mismatch means poor contact which will contribute to lens slippage. Studies have confirmed this is one of the leading cause of slippage with super hydrophobic coatings. Even a great adhesive needs sufficient contact and wet-out to the lens surface and block to work effectively. Inspect the back side of the lens after blocking to confirm you have greater than 80% contact.

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