

# 3M™ LEAP™ LSE Finish Blocking Pads

For hydrophobic coated lenses

*Finally, a solution for edging hydrophobic coated lenses in a one-step approach!*

3M LEAP LSE (Low Surface Energy) edging pads are made of a specially formulated adhesive designed to improve the edging of today's new hydrophobic "non-stick", low surface energy coated lenses.

## Designed for Hydrophobic Coatings

3M LEAP LSE pads are designed to adhere to hydrophobic coatings, while maintaining axis stability.

## Dual Adhesive System

Each side (front and back) of the 3M LEAP LSE pad uses a different adhesive.

- *Non-tabbed side:* Adhesive is formulated for adhesion to the block.
- *Tabbed side:* Adhesive is specially formulated for adhesion to hydrophobic coated lens surface.

## Preventing Slippage

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

### Hydrophobic-Coating Consistency

**Start with a stable blocking surface:** Prior to blocking, the lens should always be cleaned with reagent grade isopropyl alcohol to remove hydrophobic coating not tightly adhered to the AR (anti-reflective) stack. This will ensure that the pad is adhered to a stable surface.

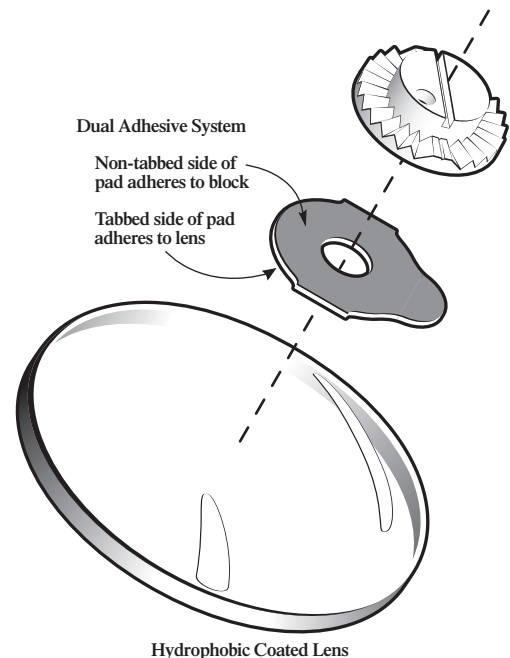
### Edging Equipment and Settings

**High pressure and slow cuts:** The ram pressure should be set on high and the cutting rate on slow for both cribbing and final edging. This is particularly important when edging polycarbonate and high minus lenses.

### Edging Pad/Block

**Choose the right edging pad and block:** 3M LEAP LSE pads are designed to adhere to hydrophobic coatings while maintaining axis stability. Each side of the pad (front and back) uses a different adhesive. Make sure the tabbed side of the pad is against the lens.

- Block radius and lens should be closely matched for optimum adhesion and wet-out.
- Blocks should be completely clean and dry prior to pad application.



3M™ LEAP™ LSE —

*Your 1st Choice when edging hydrophobic coated lenses!*

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