

# 3M™ LEAP™ LSE Finish Blocking Pads

For hydrophobic coated lenses

*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-printed side: Adhesive is formulated for adhesion to the block.
- Printed (3M logo) 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

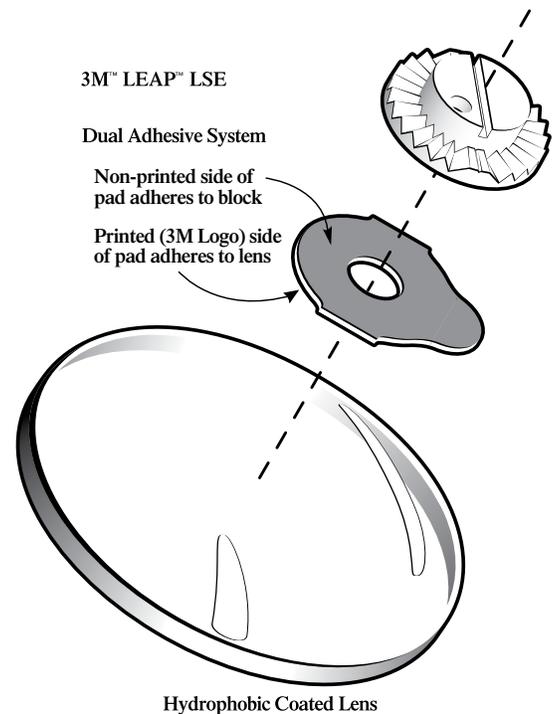
**High pressure and slow cuts:** The ram pressure should be set on high and the cutting rate on slow for both cribbing and final edging. This is particularly important when edging polycarbonate and high minus lenses.

### 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 printed (3M logo) 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!*

**3M**



# LEAP™ III Finish Blocking Pads

LEAP III pads high level of performance you've come to expect from 3M.

## Superior torque (slip) resistance

Arguably the most critical feature of a blocking pad; maximizes edging performance.

## Excellent adhesion

Keeps lenses firmly in place during edging; helps reduce errors and waste. Improves productivity, turnaround and lab efficiency.

## Double tabs

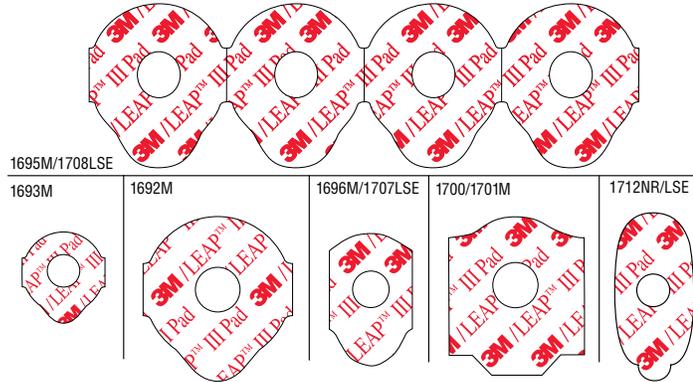
Now featured on all pad styles for easier removal and scratch prevention.

## Printed liner

Featured on all pads for easy brand identification.

## Availability

LEAP III pads are available in a variety of shapes and sizes, and offer superior adhesion for multiple lens types.



## Ordering Information

Part Number	Size	Pad Shape	Designed for	Pads Per Roll
1692M	26mm	Round	WECO flexible blocks	1,000
1693M	18mm	Round	Essilor GAMMA edgers	1,000
1695M	24mm	Round	generic use	2,000
1696M	18mm	Oval	small frames	1,000
1700M	24mm	Square	generic use	2,000
1701M	24mm	Square	generic use	1,000
1712NR	18mm	Oval	Nidek blocks	1,000
1707LSE	18mm	Oval (half-eye)	hydrophobic-coated lenses	1,000
1708LSE	24mm	Round	hydrophobic-coated lenses	1,000

## Other quality 3M Optical Supplies Products:

Part Number	Description
1705	3M™ Anti-Slip Discs (24x44mm - 500/box)
1647	3M™ Blue Chip Lens Protector Discs (2000/roll)
1640/1641	3M™ Surface Saver™ Plus Tape, high alloy bond/medium alloy bond (12 and 6 rolls/case)
1663	3M™ Clear Protective Tape, for non-alloy wax blocking (6 and 3 double rolls/case)
1645	3M™ Applicator for Surface Saver™ Tape and Clear Tape (with liner take-up reel)

**3M** Authorized Distributor  
Medical Specialties Products

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