

3M Medical Specialties

3M™ LEAP™ LSE Finish Blocking Pads



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-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 three main variables that have the greatest influence on the edging process.

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.

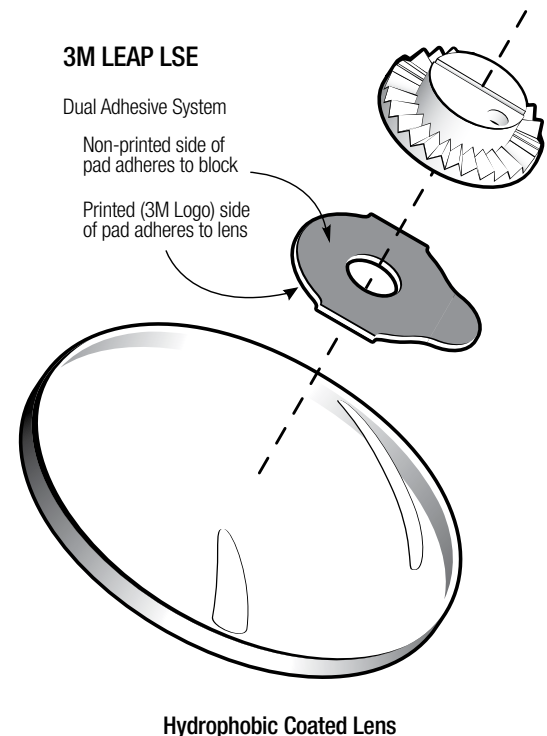
Edging Pad/Block

Choose the right edging pad and block:

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

Ensure that 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.

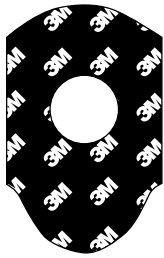


3M™ LEAP™ LSE – Your 1st Choice when edging hydrophobic coated lenses!



3M™ LEAP™ LSE Finish Blocking Pads

1707



1708



1712 LSE



1724 LSE



1725 LSE



Ordering Information

Catalog Number	Size	Pad Shape	Pads per Roll
1707	18mm	Oval (half-eye) (same size/shape as 1696M)	1,000
1708	24mm	Round (same size/shape as 1695M)	1,000
1712 LSE	17mm	Pliable Oval	500
1724 LSE	17mm	Oval	500
1725 LSE	19mm	Oval	500

Please visit 3M.com/MedicalSpecialties or your 3M-authorized optical distributor for complete information on 3M's solutions for your edging and surfacing needs, including 3M's complete line of LEAP III Finish Blocking Pads and Surface Saver™ Plus Lens Surfacing Tapes.

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Brazil

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3M Central Eastern Europe

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Tel: +46-8-92 21 00

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Tel: (66)2 260 8577

Turkey

Tel: 9 0216 538 0694

United Kingdom Ireland

Tel: 44-1509-611-611

Vietnam

Tel: 84 8 5416 0329



Medical Specialties

3M Center, Building 275-5W-05

2510 Conway Avenue

St. Paul, MN 55144

USA

1-800-584-2787

www.3M.com/medicalspecialties

3M Canada

Post Office Box 5757

London, Ontario N6A 4T1

Canada

1-800-228-3957

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