

3M™ Solutions for Optical Processing



Rx Lens Consumables



3M™ Rx Lens Processing Consumables

3M Optical Products for Prescription Lens Manufacturing

3M Company, an innovative supplier of tapes, adhesives, abrasive materials and chemical products has long been servicing the ophthalmic lens processing industry.

Since the invention and introduction of 3M LEAP™ Edging Pads and 3M Surface Saver™ Tapes more than three decades ago, many technological advancements in lens manufacturing have changed all aspects of the industry, but not the need for quality and reliable optical lens products.

3M has kept up with significant advancements in optical tape technology, materials, construction and manufacturing to meet the needs of the ever changing optical lens processing industry.

3M Surface Saver Plus Tape is a lens surfacing tape, designed with the consistent performance and quality optical laboratories have come to expect from 3M. This 3M proprietary formulation, binds securely to all types of lens styles and base curves, yet has low peel adhesion for clean and easy tape removal. The clarity allows for accurate alignment and equipment sensor readings while maintaining progressive markings for accuracy in alignment, processing, quality inspection and dispensing.

3M Surface Saver Plus Tape 1640 is a high alloy bond and torque resistance. 4 inches by 50 yard rolls, 12 rolls per case.

3M Surface Saver Plus Tape 1641 is a medium alloy bond and torque resistance. 4 inches by 50 yard rolls, 12 rolls per case.

3M Clear Protective Tape 1663 is for a non-alloy wax blocking that protects against wax contamination, dirt, scratches and damage.

3M Applicator 1645 for 3M Surface Saver Plus Lens Surfacing Tape and 3M Clear Protective Tape is easy-to-use, applies 3M Surface Saver Plus Tape and 3M Clear Protective Tape to lenses.



For years 3M™ LEAP™ Edging Pads have been recognized by optical labs worldwide as the benchmark for quality lens edging pads. Torque (slip) resistance is arguably the most critical feature of a blocking pad and maximizes edging performance. Keeping lenses firmly in place during edging helps reduce errors and waste, and protect one of the highest lab investments. The ability to remove the edging pads without causing scratches is easier with the double tabs.

LEAP III - Designed for Standard Lenses

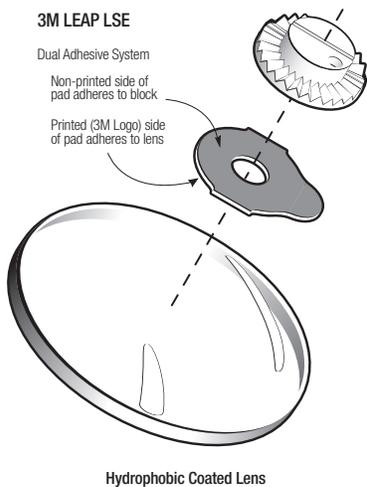
are edging pads offering good adhesion to a variety of lens types. They provide advanced slip resistance, which can help conserve your investment.

3M LEAP LSE (Low Surface Energy) – Designed for Hydrophobic Lenses

are edging pads made of a specially formulated adhesive designed to improve the edging of today’s hydrophobic “non-stick,” low surface energy coated lenses. These pads are designed to adhere to hydrophobic coatings, while maintaining axis

stability. Utilizing a Dual Adhesive System on each side of the 3M LEAP pad specifically formulated for its use with easy to identify differences. The non-printed side has adhesive formulated for adhering to the block, while the side printed with the 3M logo for adhering

to the hydrophobic coated lens surface. The result is: a stable blocking surface.



3M LEAP – Designed for Automated Edging Machines uses the same technology as LEAP, however, is formatted for robotic pick up with precision pad placement. Consists of larger roll sizes, for fewer change outs; a double liner, and feed line for easy thread up.

3M Anti-Slip Discs were developed to work in conjunction with its proven, quality 3M LEAP



III Finish Blocking Pad. When used together, the combination of 3M Anti-Slip Disc and 3M LEAP III Finish Blocking Pad, improve adhesion while maintaining axis stability.

3M Blue Chip Lens Protector 1647 are 35mm round discs which can be applied to both sides of lenses to prevent scratching during faceting, hand edging, drilling, polish edging, grooving and when shipping lenses.



Go to www.3M.com/MedTech for more technical information

3M™ LEAP™ III

1692M



1693M



1695M



1696M



1700/1701M



1712NR/1712N



1715NR/1715N



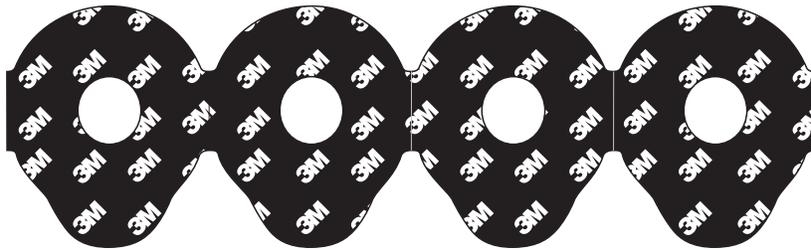
1718NR/1718N



1719NR/1719N



3M™ LEAP™ LSE



1708



1707



1712



3M Medical Materials and Technologies – Trusted, Innovative, Global

For over 50 years, 3M has been a leader within Health Care. During that time, our advanced technologies have contributed to the creation of more than 10,000 new Health Care products worldwide. Working in close cooperation at every stage – from initial product concept through to component supply or actual product design – 3M Medical Materials and Technologies can link various 3M technologies to product applications and offers a carefully selected line of medical grade tapes, coatings and adhesive technologies, semi finished components together with selected bulk supplies of 3M branded products to medical device manufacturing, design and supply industries.



Medical Materials and Technologies - Optical Solutions

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