

3M™ Surface Saver™ Plus

Lens Surfacing Tape with Liner

... a quality designed tape line with the consistent performance optical laboratories have become accustomed to.

Also inside:

3M™ Clear Protective Tape for Non-Alloy Wax Blocking

3M™ Applicator for 3M™ Surface Saver™ Plus Lens Surfacing Tape and 3M™ Clear Protective Tape

Other 3M Optical Supply Products

Available in two de-block levels:

4" x 50 yds. / 10cm x 45.7m tape on liner,
12 rolls per case (66.7 sq. yds. / 55.8 sq. m.
per case or 5.56 sq. yds. / 4.65 sq. m. per roll)

Product Offering

High Alloy Bond 1640

Medium Alloy Bond 1641

De-block methods:

Thin lenses, glass: hot water

Plastic: impact or hot water



Based on customer input and requests, 3M now offers what optical lens manufacturers are looking for and need to maximize output efficiencies:

- Highly **conformable** to all types of lens styles and base curves: low edge lifting
- High **torque** resistance
- Two **de-block** levels to choose from to meet individual processing needs
- High **clarity**: can see clearly through tape for accurate alignment and equipment sensor readings
- Low **peel adhesion** for clean, easy and effortless tape removal
- Maintains **progressive markings** for accuracy in alignment, processing, quality inspection and dispensing
- Proven “3M Blue” color for easy inspection
- 3M consistent quality and service levels

As a result, optical lens manufacturers produce better lenses, experience less waste, enjoy uninterrupted production flow, less frustration and lost time: in summary, they are saving money through increased output of quality lenses.

3M Medical Specialties

from the 3M Health Care family



3M™ Clear Protective Tape for Non-Alloy Wax Blocking

Protects against wax contamination, dirt, scratches and damage

3M™ Clear Protective Tape 1663

4" x 72 yds. / 10.1cm x 65.5m tape without liner, 6 rolls per case

- Bonds securely to **wax** to prevent fall-offs; de-blocks consistently clean and easy: keeps surface free of wax, oils and other contaminants; supports problem-free AR (anti-reflective) coating applications
- **Linerless** double rolls
- **Clear tape** for easy alignment; lens marking clearly visible
- **Conformable**, easy to apply and peel off lenses
- Clean tape **removal**: reduces number of lens washing steps
- Kinder to **progressive ink markings**

Taping Lenses Preserves Surface Chemistry

Surface Chemistry CR-39® Lens Surface	NEW LENS Before Processing	TAPED LENS Wax Processed	NO TAPE Wax Processed	Contamination
Carbon	84%	84%	88%	4% Hydrocarbons (oil, wax)
Oxygen	14%	13%	3%	
Nitrogen	2%	3%	1%	
Silicone			3%	3% Silicone
Aluminum			2%	
Sulfur			2%	
Sodium			1%	

Warning: Contaminants found on non-taped lenses will adversely affect wetting and adhesion of surface coatings.

Chemical analysis by ESCA (Electron Spectroscopy Chemical Analysis).



3M™ Applicator for 3M™ Surface Saver™ Plus Lens Surfacing Tape and 3M™ Clear Protective Tape

3M™ Applicator 1645

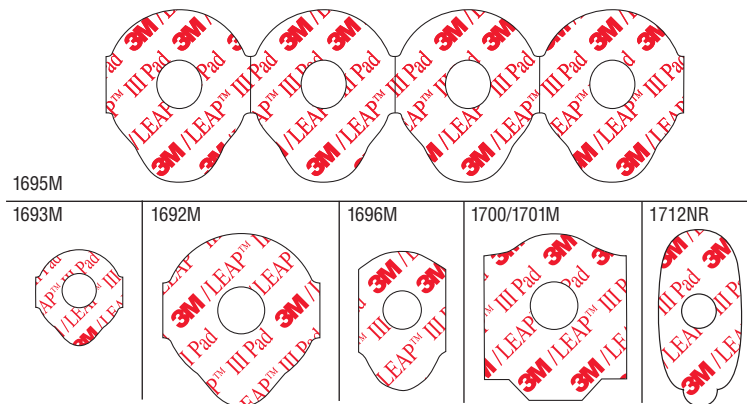
Works with air pressure and assists in the process of applying 3M™ Surface Saver™ Plus Lens Surfacing Tape and 3M™ Clear Protective Tape to lenses. Designed to apply the tape uniformly across the front lens surface. It is operated by air pressure, which requires a clean source of compressed air (recommend at 60 psi).



Other 3M Optical Supply Products

3M™ LEAP™ III Finish Blocking Pads

Available in 6 different shapes for torque-free edging: keeps lenses firmly fixed during edging.



3M™ Blue Chip Lens Protectors 1647

35 mm round discs, can be applied to both sides of lenses to prevent scratching during faceting, hand edging, drilling, polish edging, grooving and when shipping lenses. 2,000 discs per roll.



Product and Ordering Information:

United States
1 800 228-3957

Canada
1 800 364-3577

Argentina
54-11-4339-2400

Australia
1 300 363 878

Belgium
32-2-722-5111

Brazil
55-19-864-7171

Chile
(56-2) 4103000

China
86-21-6275-3535

Colombia
57-1 4108585

Czech Republic
+420-261 380 111

Denmark
45-43-48-0100

Dominican Republic
(809) 530-6560 X499

Finland
358-9-52-521

France
33-1-3031-8376

Germany
49 2131 14 40 00

Hong Kong
(852) 2806 6111

Hungary
(36-1) 270-7777

India
0091-80-2223 1414

Indonesia
(62-21) 520 3401

Italy
+39 2 7035-2406

Japan
81-3-3709-8289

Kazakhstan
+7 3272 509 944

Korea
82-2-3771-4286

Malaysia
6-03-7806 2888

Mexico
+52-55-5270-0400

Middle East
971-4-3670-777

New Zealand
64-9-444 4760

Peru
511-224-2728

Philippines
(632) 8133781 to 95

Poland
(48 22) 739 60 00

Portugal
351-21-3134500

Russia
7 (495) 784-7474

Singapore
65-6450-8866

Spain
43-1-321-60-00

Sri Lanka
(94) 11 2785701

Sweden
+46-8-92 21 00

**Switzerland &
Eastern Europe**
+41 44 724 92 44

Taiwan
886-2-2704-9011

Thailand
(66)2 260 8577 Ext.175

The Netherlands
31-715-450-450

Turkey
9 (0212) 3507777

Ukraine
+380 44 490 57 77

**United Kingdom
& Ireland**
44-1509-611-611

Venezuela
58-241-8391911

Viet Nam
84-8 640986



Medical Specialties

3M Center, Building 275-5W-05
St. Paul, MN 55144-1000
USA
1 800 228-3957
www.3M.com/medicalspecialties

3M Canada, Inc.

Post Office Box 5757
London, Ontario N6A 4T1
Canada
1 800 265-1840



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