



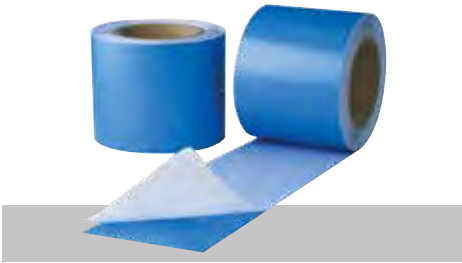
TRADITIONAL LENS PROCESSING

Within each lens category we offer a comprehensive product portfolio of abrasive and polishing pads. Whether you prefer a 1-step or 2-step fining process, bare lap or base pad system, we have a system and products that will work for your traditional process.

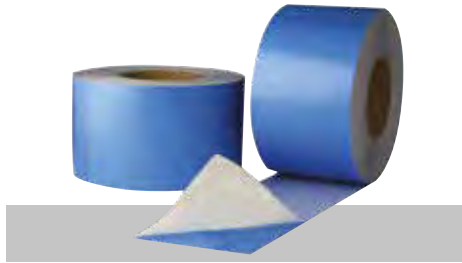
SURFACE TAPES

Lens Protection Tapes for Alloy

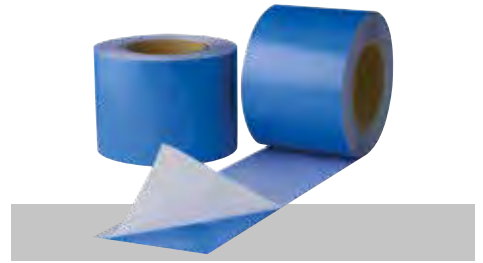
- These tapes protect the front surface of lenses from scratching and heat. They provide excellent conformity and remove easily and cleanly



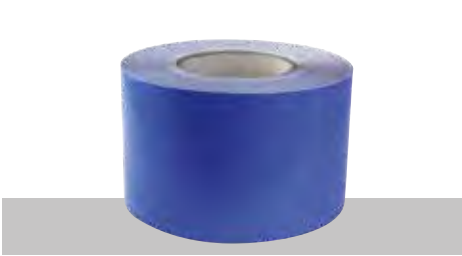
92-012-494 (ST-4004)
Blue Lens Coating Tape, 1 Roll
4 in x 36 yds (101 mm x 33 m)



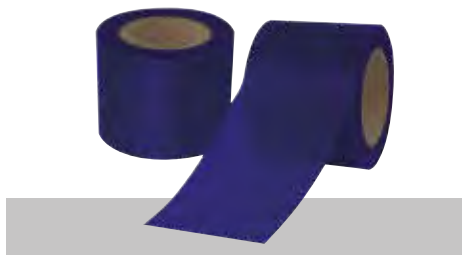
92-013-084 (DV-4400-CS)
Blue Lens Coating Tape, 12 Rolls/Case
4 in x 108 yds (101 mm x 99 m)



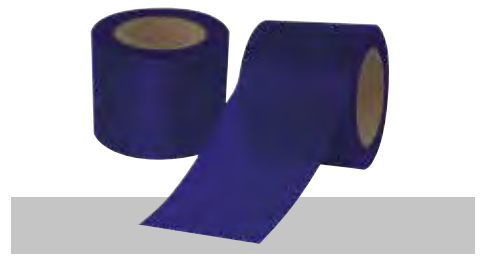
92-012-543 (DV-4401)
Blue Lens Coating Tape, 1 Roll
4 in x 54 yds (101 mm x 50 m)



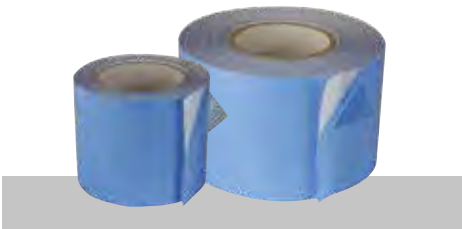
92-015-181 (DV-4351)
DAC Premium C Dark Blue, 1 Roll
High Bond 4 in x 93 yds (101 mm x 85 m)



92-016-359
DAC True Blue Shield SW, 1 Roll
4 in x 77 yds (101 mm x 70 m)

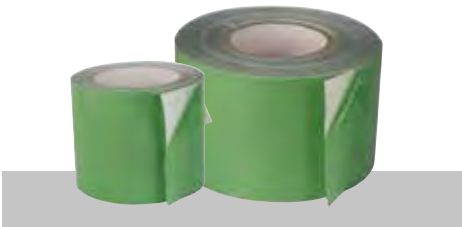


92-014-199 (R5402141)
Liner-Free DAC-Shield™ Blue SW, 1 Roll
4 in x 77 yds (101 mm x 70 m)



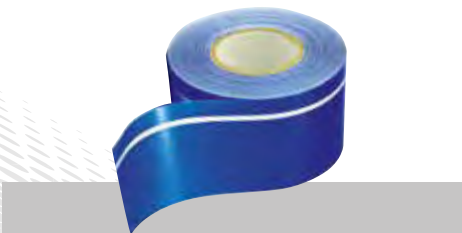
DAC-Shield™ Blue Lens Tape

PART NUMBER	DESCRIPTION
92-014-193 (R5402135)	4 in x 38 yds (101 mm x 35 m) 1 Roll
92-014-194 (R5402136)	4 in x 93 yds (101 mm x 85 m) 1 Roll



DAC-Shield™ Green Lens Tape

PART NUMBER	DESCRIPTION
92-014-200 (R5402142)	4 in x 38 yds (101 mm x 35 m) 1 Roll
92-014-201 (R5402143)	4 in x 93 yds (101 mm x 85 m) 1 Roll



EZ-Strip Dark Blue

PART NUMBER	DESCRIPTION
92-012-667 (DV-4300)	4 in x 38 yds (101 mm x 35 m) 1 Roll
92-012-668 (DV-4301)	4 in x 93 yds (101 mm x 85 m) 1 Roll

Lens Protection Tape for Wax

- This tape is designed to protect the front of lenses while being blocked with wax. It provides good conformity to lenses, yet it removes easily and cleanly. The clarity of the tape makes layout easy



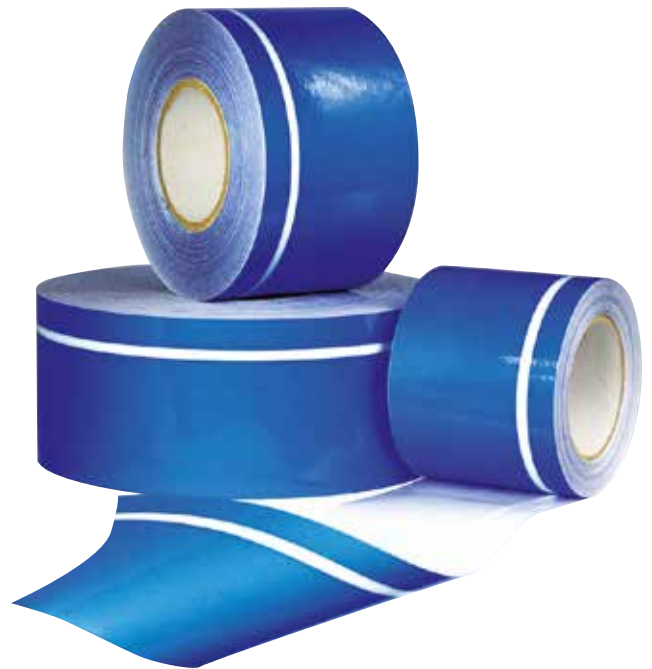
92-014-197 (R5402139)
Liner-free DAC-Shield™ Clear SW, 1 Roll
4 in x 77 yds (101 mm x 70 m)

PRODUCT HIGHLIGHT

EZ-Strip™

Lens Protection Tape

- Easy removal strip allows for ease in de-blocking resulting in higher productivity with reduced operator fatigue
- Conforms and adheres to all curves and lens materials, practically eliminating de-blocks
- Dark blue color improves visibility of lens imperfections, such as pits and scratches



Supplies for Tapes



92-000-509 (ST-1645)
Surface Saver Tape Applicator
(Each)



01-053-159 (ST-9942)
Surface Saver Knife Handle
(Each)



92-014-352 (ST-9944)
Surface Saver Knife Blades
(5/Pkg)

BLOCKING

Alloy and Wax

- High-quality alloy can be used successfully in all blocking machines



117°F Alloy (47°C)

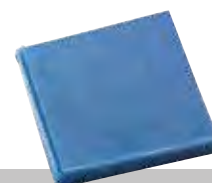
PART NUMBER	DESCRIPTION
92-012-885	3 lb Bar (1.36 Kg) (Each)
92-012-884	25lb case (11.34 Kg)



92-014-287 (R5402424)
136°F Alloy (58°C)
25 lb case (11.34 Kg)



92-012-895 (DV-158)
158°F Alloy (70°C)
3 lb bar (1.36 Kg) (Each)



92-012-143 (DV-097G)
Blue Wax Cake
1 Gallon – 8 lbs (3.6 Kg) (Each)



92-013-147 (DV-CLF-ALLOY)
140°F Alloy (60°C) Cadmium/Lead Free
3 lb Bar (1.36 Kg) (Each)

PRODUCT HIGHLIGHT

Using Cadmium/Lead free alloy for blocking lenses ensures environmental safety, worker health, and consumer confidence by eliminating hazardous materials from the manufacturing process.

Generator Blocks

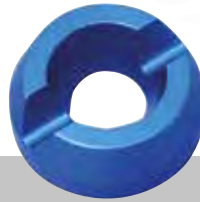
- Gerber lens block are precision-machined from aircraft-grade aluminum bar stock to exacting tolerances for on-center blocking



PART NUMBER	BLOCKS	DESCRIPTION
92-012-782 (PT-LBG-000A-ASSY-O)	12 per Box	Standard Red – 0.50 Diopter
92-014-086 (PT-LBG-000B-ASSY-O)	14 per Box	Standard Blue – 3 Diopter
92-012-565 (PT-LBG-000C-ASSY-O)	15 per Box	Standard Grey – 6 Diopter
92-014-088 (PT-LBG-000D-ASSY-O)	16 per Box	Standard Gold – 7.5 Diopter
92-014-089 (PT-LBG-000F-ASSY-O)	15 per Box	Standard Green – 11.25 Diopter



92-014-348 (ST-606)
Disposa-Block
(Each)



92-014-081 (PT-200-032)
Standard Loh Blue Block
(10/Pkg)



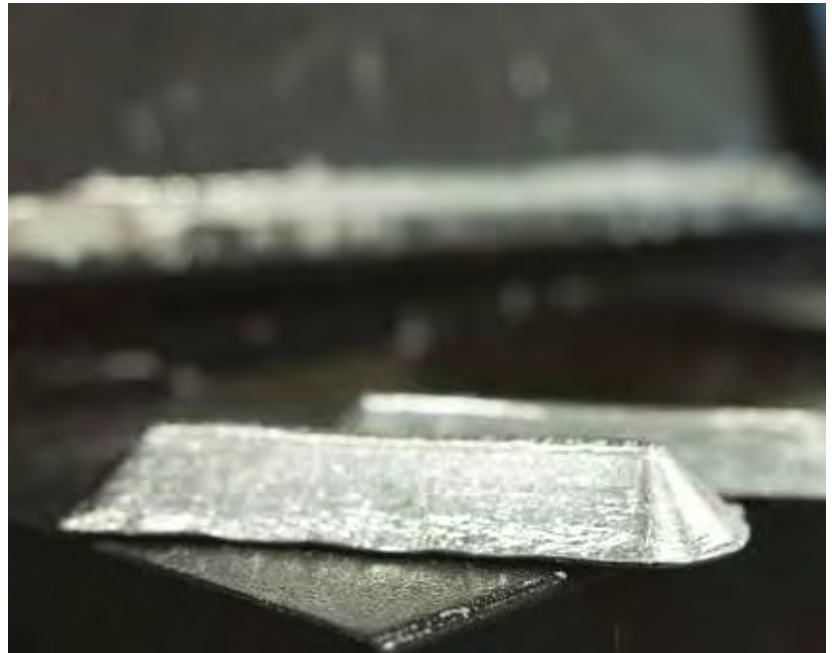
92-014-240 (R5402252)
4-Slot Loh Blue Block (Essilor only)
(20/Pkg)



92-012-947 (DV-3SL-B)
3-Slot Loh Gray Block
(Each)



Make sure that your machine is set up according to the melting point of the alloy that you are using in order to avoid alloy waste.



Lapping Tools



Machine Laps

- Professionally molded design offers excellent rigidity for fining and polishing operations. (Sold individually)
- Not to be used with IQ Series, SL2 Series Generators

PART NUMBER	DESCRIPTION
92-013-730 (DV-MAPSF)	Plano Base Machine Lap
92-012-925 (DV-MA2SF)	2 Base Machine Lap
92-012-975 (DV-MA4SF)	4 Base Machine Lap
92-012-980 (DV-MA6SF)	6 Base Machine Lap
92-012-984 (DV-MA8SF)	8 Base Machine Lap
92-012-882 (DV-MA10F)	10 Base Machine Lap
92-012-887 (DV-MA12SF)	12 Base Machine Lap
92-012-893 (DV-MA14SF)	14 Base Machine Lap

DAC Pro Foam Tools

- High-density foam laps maintain curve accuracy throughout the fining and polish cycle with no need for pressure adjustments



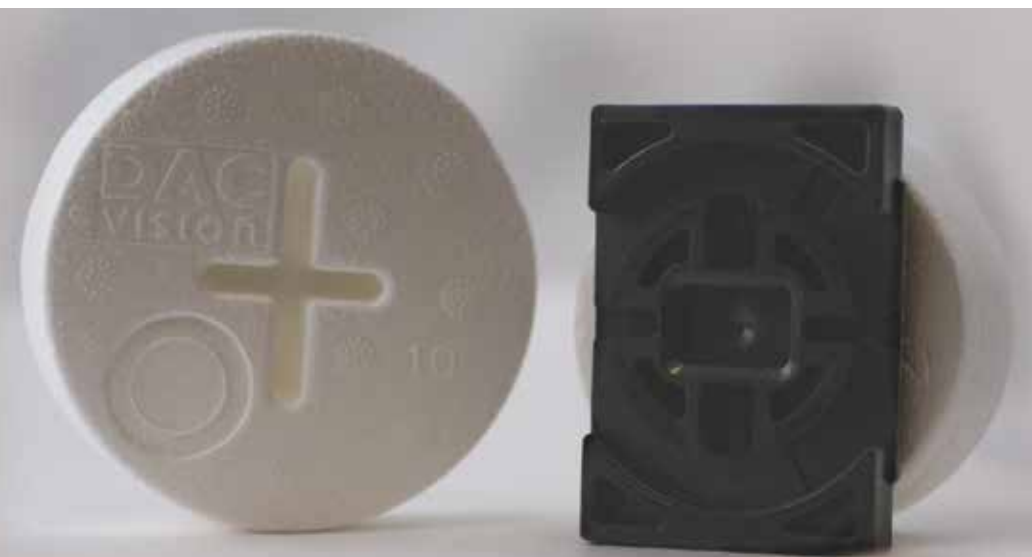
92-013-303 (DVFL-2-300)
70 MM (300/Case)



92-012-756 (DVFL-1-192)
85 MM (192/Case)



92-013-415 (DV-321433)
Foam Lap Adaptor
IQ Series, SL2 Series Generators (Each)



92-013-586 (OM-GC-129662)
Foam Lap Adaptor
SGX, SG8 Generators (Each)

CONVENTIONAL CUTTERS



92-013-451 (DV-GFC11)
#11 Flute Cutter
(Each)



92-012-688 (DVCO-11262)
8 mm PCD Cutter
(Each)

Generator Coolants & Defoamer



DAC PractiCool Coolant

- Premium fully synthetic, water based coolant provides rapid swarf settling along with a rust inhibitor for superior corrosion protection for all machine surfaces

PART NUMBER	GALLON
92-015-842	1
92-015-843	5
92-015-844	55



DAC BioCool Coolant

- Biodegradable, non-toxic coolant for all lens types. It helps prevent equipment rust and provides superior lubricity. It is non-foaming, oil free and resists bacterial growth

PART NUMBER	GALLON
92-015-850	1
92-015-851	5
92-015-852	55



92-014-339 (ST-525G)
Opti-Speed DAC Defoamer (1 Gallon)

FINING PADS

Pad Finder

- 1-step compensated backings: F= Fabric (QR II-C), C/N= Cloth (bare laps)
Note: No letter designation for standard adhesive backing (e.g. 1520N)
- Certain shapes are not available in all materials



N
3" (76 mm) 7 leaf



NN
3" (76 mm) 7 leaf



Y
3.25" (83 mm) 7 leaf



F
3" (76 mm) 6 leaf

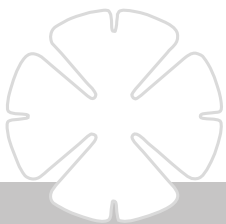


R
3" (76 mm) 16 leaf

Quick Release System QR II-C™ – Base Pad System

QR II-C™ pads utilize proprietary adhesives to securely hold both finishing and polishing pads to the base pad and allow easy removal when the process cycle is complete.

QR II-C is available in both one-step and two-step applications to suit all lab needs. The one-step pads use a strong compensating backing to prevent pads from tearing during removal. The two-step pads use film backings to accomplish the same easy removal.



92-013-790 (PDR1824V)
Plano to 8 Base 4 leaf
White only (250/Roll)



92-013-791 (PDR1824N)
8 - 12 Base 7 leaf
White only (250/Roll)

Fining Pads for CR-39® & Hi-Index

QR II-C™ Base Pad System One-Step Process



92-013-357 (PDR1520NNF)
Durafilm™ 15μ
76 mm, 7 leaf, Shape: NNF (250/Roll)



92-013-356 (PDR1520RF)
Durafilm™ 15μ
76 mm, 16 leaf, Shape: RF (250/Roll)

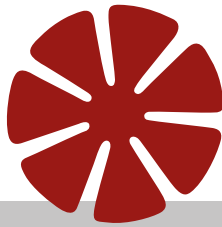


92-013-354 (PDR1520YF)
Durafilm™ 15μ
83 mm, 7 leaf, Shape: YF (250/Roll)

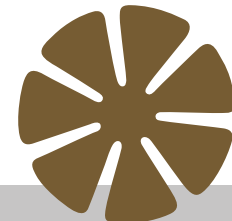
Bare Lap One-Step Process



92-012-180 (PDR1520NV)
Durafilm™ 15μ
76 mm, 7 leaf, Shape: NV (250/Roll)



92-012-182 (PDR6900NV)
Fire Fine™
76 mm, 7 leaf, Shape: NV (250/Roll)



92-012-850 (PDR1000NV)
3M™ P1000 Brown
76 mm, 7 leaf, Shape: NV (250/Roll)



92-012-664 (PDR1050NV)
Mean Green™
76 mm, 7 leaf, Shape: NV (250/Roll)

FINING PAD TIP

Choosing the best fining pad for surfacing lenses involves matching the pad material and grit size to the lens material and desired finish. Ensure compatibility with surfacing equipment for optimal results. Our expert advice, and testing can help identify the right pad for precise surfacing and optical performance.



Fining Pads for CR-39® & Hi-Index

Bare Lap Two-Step Process

1st Fine

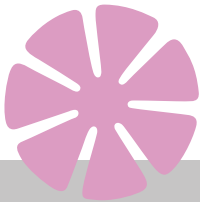


92-012-170 (PDR6015N)
Advanced Brown™
76 mm, 7 leaf, Shape: N (500/Roll)

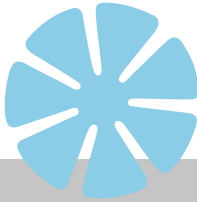


92-016-112
Durafilm™ 15μ
76 mm, 7 leaf, Shape: N (500/Roll)

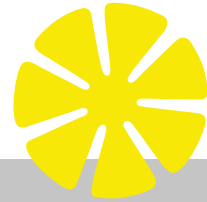
2nd Fine



92-012-166 (PDR1300N)
Precision Purple 3μ
76 mm, 7 leaf, Shape: N (500/Roll)



92-012-855 (CPR1920N)
Blue 9μ
76 mm, 7 leaf, Shape: N (500/Roll)



92-012-181 (PDR1700N)
Yellow 12μ
76 mm, 7 leaf, Shape: N (500/Roll)
92-014-024 (CPR1700R)
76 mm, 16 leaf, Shape: R (500/Roll)

Fining Pads for Polycarbonate & Trivex™

QR II-C™ Base Pad System One-Step Process

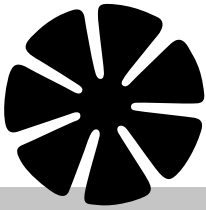


92-014-007 (PDR6050NNF)
Velocity™
76 mm, 7 leaf, Shape: NNF (250/Roll)



92-014-824 (PDR6050RF)
Velocity™
76 mm, 16 leaf, Shape: RF (250/Roll)

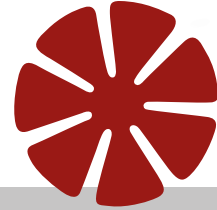
Bare Lap One-Step Process



92-013-066 (PDR6035NC)
Black Knight™
76 mm, 7 leaf, Shape: NC (250/Roll)



92-012-740 (PDR6050NC)
Velocity™
76 mm, 7 leaf, Shape: NC (250/Roll)
92-014-007 (PDR6050NNF)
76 mm, 7 leaf, Shape: NNF (250/Roll)



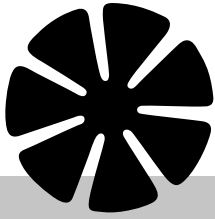
92-012-680 (PDR8030NC)
Harmony™
76 mm, 7 leaf, Shape: NC (250/Roll)



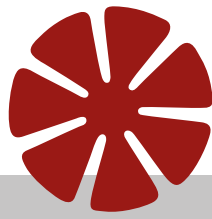
Fining Pads for Polycarbonate & Trivex™

Bare Lap Two-Step Process

1st Fine

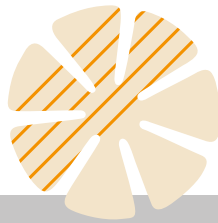


92-012-416 (PDR4000N)
Black Magic™
76 mm, 7 leaf, Shape: N (500/Roll)



92-012-495 (CPR6050N)
Velocity™
76 mm, 7 leaf, Shape: N (500/Roll)

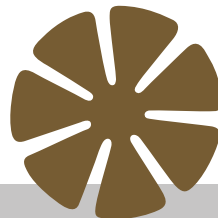
2nd Fine



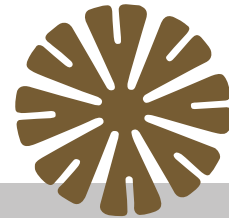
92-013-352 (PDR1520N)
Durafilm™ 15μ
76 mm, 7 leaf, Shape: N (500/Roll)



92-012-415 (PDR1050N)
Mean Green™
76 mm, 7 leaf, Shape: N (500/Roll)

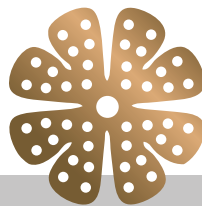


92-012-968 (PDR1000N)
3M™ P1000 Brown
76 mm, 7 leaf, Shape: N (500/Roll)



92-012-967 (PDR1000R)
3M™ P1000 Brown
76 mm, 16 leaf, Shape: R (500/Roll)

Fining Pads For Mineral Lenses



92-013-453 (PD1860S)
Bronze Diamond Pad
76 mm, 8 leaf (10/Pkg)



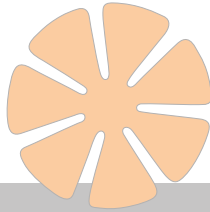
92-012-164 (PDR573)
Grooved Zinc Foil
76 mm, 6 leaf, Shape: F (250/Roll)

POLISHING PADS

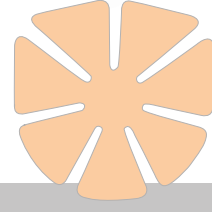
Premium Polish Pads for All Resins

Lumina™

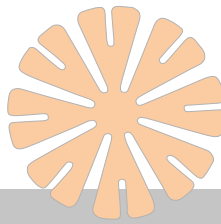
- Exclusive fiber design and precision textile backing provide exceptional polishing results



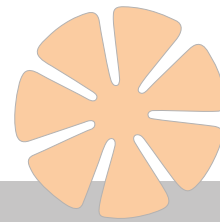
92-012-176 (PDR0700N)
Lumina™ Bare Lap Low Tack
76 mm, 7 leaf, Shape: N (250/Roll)



92-015-198 (PDR0708NN)
Lumina™ Quick Release High Tack
76 mm, 7 leaf, Shape: NN (250/Roll)



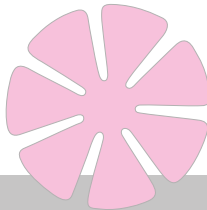
92-013-629 (PDR0708R)
Lumina™ Quick Release High Tack
76 mm, 16 leaf, Shape: R (250/Roll)



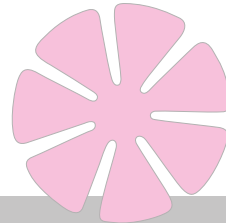
92-012-177 (PDR0708Y)
Lumina™ Quick Release High Tack
83 mm, 7 leaf, Shape: Y (250/Roll)

P4™

- Various lengths of high-density fiber result in superior surface quality

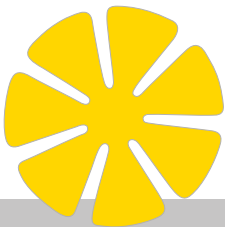


92-013-717 (PDR0500N)
P4™ Bare Lap Low Tack
76 mm, 7 leaf, Shape: N (250/Roll)

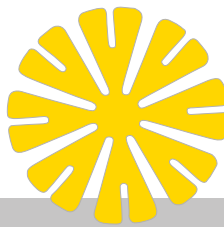


92-012-544 (PDR0500Y)
P4™ Bare Lap Low Tack
83 mm, 7 leaf, Shape: Y (250/Roll)

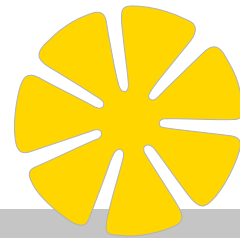
Polish Pads For All Resins



92-004-802 (PDR0900N)
Yellow Supreme™ Bare Lap Low Tack
76 mm, 7 leaf, Shape: N (250/Roll)



92-014-030 (PDR0900R)
Yellow Supreme™ Bare Lap Low Tack
76 mm, 16 leaf, Shape: R (250/Roll)

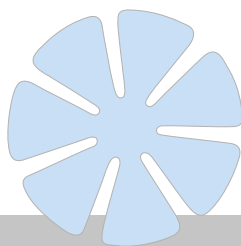


92-012-116 (PDR0900Y)
Yellow Supreme™ Bare Lap Low Tack
83 mm, 7 leaf, Shape: Y (250/Roll)

Pads For CR-39® & Hi-Index



92-012-183 (PDR7300N)
DAC White Bare Lap Low Tack
76 mm, 7 leaf, Shape: N (250/Roll)



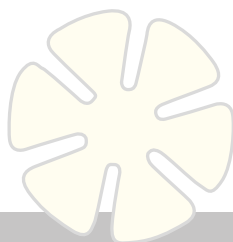
92-012-175 (PDR0405N)
Premium Blue Bare Lap Low Tack
76 mm, 7 leaf, Shape: N
(EZ lift adhesive) (250/Roll)



Polish Pads For Mineral



92-009-219 (PDR9100F)
Natural Mineral
76 mm, 6 leaf, Shape: F (250/Roll)



92-012-185 (PDR9200F)
Natural Mineral Heavy
76 mm, 6 leaf, Shape: F (250/Roll)

POLISH/SLURRIES

Plastic Lens Polish for All Resins



92-015-759
D-21 Premium Lens Polish
1 Gallon

CHARACTERISTICS	D-21
Baumé (+/-1)	24° +/- 1
Slurry pH	3.3 - 4.0
Viscosity (cP)	<20 cP
Average particle size	2.3 - 2.6 µm



92-015-865
dp24 Premium Lens Polish
1 Gallon

CHARACTERISTICS	dp24
Baumé (+/-1)	26.5° +/- 1
Slurry pH	3.0 - 4.0
Viscosity (cP)	<60 cP
Average particle size	2.3 - 2.6 µm



92-014-346 (ST-6026)
Americal Plus Lens Polish
1 Gallon

CHARACTERISTICS	Americal Plus
Baumé (+/-1)	27.5° (+/- 1.0°)
Slurry pH	3.6
Viscosity (cP)	6 (+/- 1.0cP)
Average particle size	1.7 µm

Polishing Supplies



Nylon Filters

PART NUMBER	DESCRIPTION
60-055-494 (R5402113)	300 Microns (Each)
60-055-457 (DV-600MNF)	600 Microns (Each)



65-051-384 (ST-521A)
Baumé Gauge Hydrometer
(Each)



65-051-385 (ST-521B)
Cylinder for Baumé Gauge
(Each)

Mineral Fining and Polish Compounds & Powders



Aluminum Oxide Lapping Powder

- Suspension treated
- Micro-graded precision

PART NUMBER	DESCRIPTION
92-012-875 (MG-12T)	#12 (44 lbs/Box)
92-012-876 (MG-15T)	#15 (44 lbs/Box)
92-012-877 (MG-20T)	#20 (44 lbs/Box)



92-013-655 (DV-893)
Mineral Pro (44 lb/Pail)

SURFACING SUPPLIES

Reception Chucks

- Ideal for use in organic and mineral lens processing
- Secure positioning of block assembly yet easy to release upon cycle completion
- Maintains proper axis alignment
- Easy to install



60-055-492 (DV-TXRC-PAIR)
Toro-X Pneumatic Reception
(Pair)