



**PRACTICAL  
SYSTEMS  
INC.**

# **Easy Lift Pad System**

Base Pad System for  
Lens Fining and Polishing



## **Look To PSI**

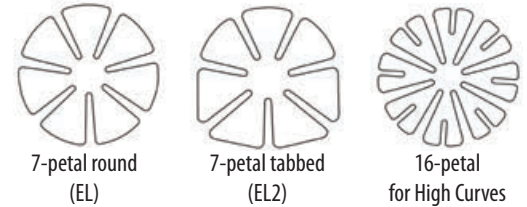
**For Optical Supplies  
& Equipment**

## Easy Lift 2 Color-Coded Base Pad System

The Easy Lift 2 color-coded base pad system eliminates the strain of pad peeling and reduces repetitive motion injuries for lab personnel. The system is made of three components, the semi-permanent color-coded base pad and easy lifting fining and polishing pads. The colored material simplifies lap identification making it easier to retrieve and re-store laps by the proper base curve, reducing errors due to poor lap selection.

The Easy Lift fining and polishing pads are designed with high tack adhesives to adhere to the color coded base pads. These pads lift up easily with your fingers and come in three pad configurations: 7-petal round, 7-petal tabbed and 16-petal for high curves.

Easy Lift Pad Configurations:

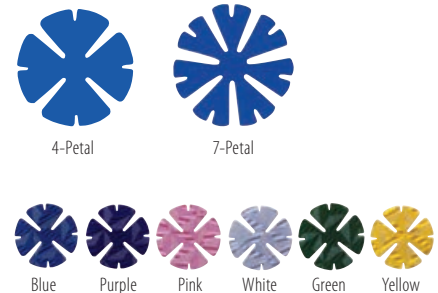


## Color-Coded Base Pads (3")\*

Plano to 8 base, 250/roll

8 and higher base, 250/roll

Part #	Description	Part #	Description
BP4-BLU	Blue, 4-Petal Base Pad	BP7-BLU	Blue, 7-Petal Base Pad
BP4-PUR	Purple, 4-Petal Base Pad	BP7-PUR	Purple, 7-Petal Base Pad
BP4-PIN	Pink, 4-Petal Base Pad	BP7-PIN	Pink, 7-Petal Base Pad
BP4-WHI	White, 4-Petal Base Pad	BP7-WHI	White, 7-Petal Base Pad
BP4-GRE	Green, 4-Petal Base Pad	BP7-GRE	Green, 7-Petal Base Pad
BP4-YEL	Yellow, 4-Petal Base Pad	BP7-YEL	Yellow, 7-Petal Base Pad



\*The base pad has a thickness of .017" (.43mm) so to accommodate this, the total pad compensation should be adjusted in the software to reflect a thickness of .035" (.89mm).

### Tips For Base Pad Application And Use

- Always prepare the tool with a clear warm water wash and dry with a clean towel.
- Allow tool to air dry thoroughly before base pad application.
- Properly center the base pad on tool and press petals down thoroughly and finish with a pad press.
- Take care to not let polish build up in the embossed surface. If needed, gently clean with warm water and a soft bristle brush.

## Featuring

## Transformer Fining Pad

The Transformer all-materials fining pad transforms as it fines from its original course state to a smoother, transparent condition. The innovative composition of this one-step pad allows it to breakdown during processing by fining the lens at different intensities, starting rough for heavy stock removal and easing down to transparent for an ultra smooth lens finish like you would achieve with a second fine process. This very unique pad achieves consistent stock-removal on all lens materials.

### Features & Benefits:

- Unique pad composition allows it to transform as it fines from course to a smooth leaving a superb surface finish on all lens
- Consistent high stock removal rates for polycarbonate, trivex and all plastic lens materials
- Cloth backing helps the pad to conform to the tool and is easy to remove



# Fining Pads

## PLASTIC (1.498), MID-INDEX (1.50-1.594) & HIGH INDEX (1.594+)

### One-Step Fining Pads

Part #	Description	Petals	Pad Size	Time* (sec.)	Pin PSI/ Bar Pressure	Pads Per Roll
EL2-WHITE	Transformer, film	7, tabbed	3"	50 - 60	14-16 / .25	250
EL2-WHITE-16	Transformer, film	16 tabbed	3"	50 - 60	14-16 / .25	250
EL2-RED	Red Revolution, film	7, tabbed	3"	45 - 60	14-16 / .25	250
EL2-RED-16	Red Revolution, film	16, round	3"	45 - 60	14-16 / .25	250
EL2-GREEN	Green, paper	7, tabbed	3"	35 - 45	14-16 / .25	250
EL2-GREEN-16	Green, paper	16, round	3"	35 - 45	14-16 / .25	250
EL2-BROWN	Brown, paper	7, tabbed	3"	35 - 45	14-16 / .25	250
EL2-BROWN-16	Brown, paper	16, round	3"	35 - 45	14-16 / .25	250
EL2-11	11μ, AO, film	7, tabbed	3"	60 - 90	14-16 / .25	250
EL2-NL15	15μ, AO, film	7, tabbed	3"	60 - 90	14-16 / .25	250
EL2-NL15-16	15μ, AO, film	16, round	3"	60 - 90	14-16 / .25	250



EL2-WHITE



EL2-RED



EL2-GREEN



EL2-BROWN



EL2-11



EL2-NL15

## POLYCARBONATE (1.586), TRIVEX (1.53)

### One-Step Fining Pads

Part #	Description	Petals	Pad Size	Time* (min.)	Pin PSI/ Bar Pressure	Pads Per Roll
EL2-WHITE	Transformer	7, tabbed	3"	2½	14-16 / .25	250
EL2-WHITE-16	Transformer	16 tabbed	3"	2½	14-16 / .25	250
EL2-RED	Red Revolution, film	7, tabbed	3"	2 - 2½	14-16 / .25	250
EL2-RED-16	Red Revolution, film	16, round	3"	2 - 2½	14-16 / .25	250
EL2-BROWN	Brown, paper	7, tabbed	3"	2 - 2½	14-16 / .25	250
EL2-BROWN-16	Brown, paper	16, round	3"	2 - 2½	14-16 / .25	250
EL2-600	P600, AO, paper	7, tabbed	3"	2 - 2½	14-16 / .25	250
EL2-30	30μ, AO, film	7, tabbed	3"	2 - 2½	14-16 / .25	250
EL2-30-16	30μ, AO, film	16, round	3"	2 - 2½	14-16 / .25	250
EL2-35	35μ, AO, film	7, tabbed	3"	2 - 2½	14-16 / .25	250
EL2-35-16	35μ, AO, film	16, round	3"	2 - 2½	14-16 / .25	250



EL2-WHITE



EL2-RED



EL2-BROWN



EL2-35



EL2-30



EL2-600

### Two-Step Fining Pads

Part #	Description	Fine	Petals	Pad Size	Time* (min.)	Pin PSI/ Bar Pressure	Pads Per Roll
EL2-400	P400, AO, film	1st	7, tabbed	3"	1 - 1½	14-16 / .25	250
EL2-NL15	15μ, AO, film	2nd	7, tabbed	3"	1½ - 2	14-16 / .25	250
EL2-NL15-16	15μ, AO, film	2nd	16, round	3"	1½ - 2	14-16 / .25	250



EL2-400



EL2-NL15

# Polishing Pads

Part #	Description	Thickness	Petals	Pad Size	Time* (min.)	Pin PSI/ Bar Pressure	Pads Per Roll
EL2-649-7	Maize HD	32 mil	7, tabbed	3"	6	14-16 / .3	250
EL2-649-16	Maize HD	32 mil	16, round	3"	6	14-16 / .3	250
EL649-7	Maize HD	32 mil	7, round	3.25"	6	14-16 / .3	250
EL2-549-7	Pink Perfection	41 mil	7, tabbed	3"	6	14-16 / .3	250
EL2-549-16	Pink Perfection	41 mil	16, round	3"	6	14-16 / .3	250
EL549-7	Pink Perfection	41 mil	7, round	3.25"	6	14-16 / .3	250
EL2-349-7	Yellow Ultimate	34 mil	7, tabbed	3"	6	14-16 / .3	250
EL2-349-16	Yellow Ultimate	34 mil	16, round	3"	6	14-16 / .3	250



EL649-7



EL2-549-7



EL2-349-7

# Lens Polish

## Free-Form AR



3340G

### Digital / Free-Form and Conventional Polish

- Recommended for all lens materials including Trivex
- Unique suspension agents allow the aluminum oxide to be redispersed easily keeping the polish from hard settling
- Patented chemistry offers quick stock removal on all lens materials, reducing cycle times for higher throughput
- Compatible with all AR and hard coatings

## Americal Plus



3320G

- Long life polish with exceptional surface quality on all lens materials including Trivex and ideal for AR and hard coatings
- Tight particle size ensures consistently high cut rates while maintaining a brilliant surface
- Superior suspension system, will not hard settle or cake on equipment
- Long life and aggressive use in polycarbonate designated systems

## PSI Lite 10



3313G

- High grade polish that works well on all lens materials including Trivex
- Has an extended life with excellent suspension agents
- Achieves a high surface quality rating and is recommended for lenses that are to be AR coated
- Excellent sheeting action and exceptional product performance

## High Pro



3315G

- High grade aluminum oxide based plastic polishing compound developed for high volume labs
- High stock removal for short cycle times and a high surface quality rating (8.5)
- Suspension treated
- Recommended for all lens materials including Trivex

## Pristine



3330G

- Long lasting, premium grade plastic polish that was developed for all lens materials including Trivex
- Imparts a high surface quality on all materials while offering a high Baumé of 27°
- Exceptional suspension and sheeting action
- Excellent for AR and backside coating applications

## Brilliance



3335G

- Exceptional polycarbonate removal and all other lens materials, suitable for AR and other hard coatings
- High-grade surface quality characteristics
- Flows easily, minimizing localized heat build up on high index lenses
- Non-corrosive, cleans easily and has noticeably lower carry out

## Reliance XL



3317G

- Quality, economical plastic lens polish designed for use on processing lines with a mix of all lens materials
- Good polish for AR coating applications
- Utilizes excellent anti-foam formulation which maintains a consistent Baumé reading
- Consistent stock removal on all lens materials

## Clear Prep



33CP

### Polish System Cleanser

- Economical, easy way to maintain and clean polish lines or when installing new polish
- Keeps lines free flowing, removing polish and swarf build-up
- Use twice a year to remove debris in lines that can cause scratching

Part #	Description	Baumé	pH	Particle Size (D50)	Pkg. Qty.	Ship Wgt.
3340G	Free-Form AR	22° - 24°	3.5 - 3.8	1.3 - 1.6µ	Gal.	11 lbs.
3340P	Free-Form AR	22° - 24°	3.5 - 3.8	1.3 - 1.6µ	5-Gal.	50 lbs.
3320G	Americal Plus	25° - 30°	3.0 - 4.2	1.8 - 2.3µ	Gal.	11 lbs.
3320P	Americal Plus	25° - 30°	3.0 - 4.2	1.8 - 2.3µ	5-Gal.	54 lbs.
3313G	PSI Lite 10	21-23°	3.0 - 4.2	2.4 - 3.4µ	Gal.	10 lbs.
3313P	PSI Lite 10	21-23°	3.0 - 4.2	2.4 - 3.4µ	5-Gal.	50 lbs.
3315G	High Pro	25° - 33°	3.2 - 4.5	2.4 - 3.4µ	Gal.	12 lbs.
3315P	High Pro	25° - 33°	3.2 - 4.5	2.4 - 3.4µ	5-Gal.	56 lbs.

Part #	Description	Baumé	pH	Particle Size (D50)	Pkg. Qty.	Ship Wgt.
3335G	Brilliance	18°	3.6	1.7µ	Gal.	11 lbs.
3335P	Brilliance	18°	3.6	1.7µ	5-Gal.	54 lbs.
3330G	Pristine	27°	3.3 - 3.5	1.9µ	Gal.	11 lbs.
3330P	Pristine	27°	3.3 - 3.5	1.9µ	5-Gal.	54 lbs.
3317G	Reliance XL	18-22°	3.0 - 4.2	1.4 - 2.3µ	Gal.	11 lbs.
3317P	Reliance XL	18-22°	3.0 - 4.2	1.4 - 2.3µ	5-Gal.	50 lbs.
33CP	Clear Prep				5-Gal.	50 lbs.



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