



LOOK TO PSI
Optical Laboratory
Supplies & Equipment

TRIDENT•ONE

One-Step System for Polycarbonate
and all other Plastic Lens Materials

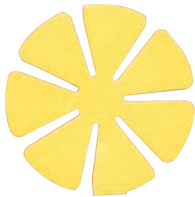
Red Revolution Fining Pad



EL2-RED

- Revolutionary new pad that offers a brand new abrasive structure.
- The abrasive's structure is precisely graded so it is aggressive enough for polycarbonate but will still achieve a high surface quality on all other plastic lens materials, allowing labs to reduce pad inventories and keep costs down.
- Quality adhesive system allows the pad to adhere to wet tools and be removed in one piece.
- EL2's highly compressible cloth backing provides more aggressive and consistent stock removal for improved surface quality. It masks minor tooling imperfections reducing reworks.
- Cycle times can be reduced by as much as 50% under the right operating conditions* saving time and money.

Maize HD Polish Pad



EL649-7

- 5-minute* cycle time on all materials to maximize throughput and surface quality.
- New manufacturing technologies produce the highly durable, yet thinner pad that provides crystal clear lenses.
- Environmentally friendly, Maize HD is manufactured with natural rubber, less dyes and low density fibers that keep slurries cleaner and reduce polish carry out.
- Precision rayon fibers resist sheering keeping slurries cleaner, extending polish life.
- Durable low-density/high strength textiles offer a balanced foundation of strength and firmness as well as providing easy application and removal from the lap.

PSI Lite 10 Premium Plastic Polish



For best results, it is recommended that you use a premium lens polish such as PSI Lite 10 or High Pro. These production proven polishes offer exceptional surface quality with reduced haze for crystal clear lenses. They work well on plastic, polycarbonate and high index lenses in both conventional and digital processing systems, allowing the lab to stock just one plastic polish. Both polishes achieve a high surface quality rating and are recommended for lenses that are to be AR coated. **PSI Lite 10:** Baumé 21-23°; pH 3.0-4.2; Particle Size (D50) 2.4 - 3.4µ; **High Pro:** Baumé 25-33°; pH 3.2 -4.5; Particle Size (D50) 2.4 - 3.4µ;

* Results may vary from lab to lab due to operating conditions. Recommended pad cycle times may need to be adjusted to achieve required surface quality and polish longevity may vary from lab to lab.

To Order Call 800-237-8154 or Fax 800-330-3800



PRACTICAL SYSTEMS INC.

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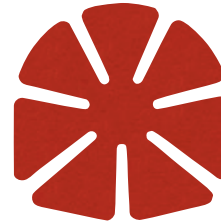
TRIDENT•ONE

One-Step System for All Plastic Lens Materials

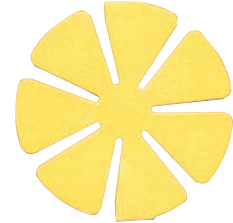
Pad Recommendations:

One-Step Fine: Red Revolution (250 pads per roll)

PSI Part #:	RED800-7CSF	3" round, 7-petal
	RED800-16CSF	3" round, 16-petal
	EL2-RED	3" tabbed, 7-petal, high tack
	EL2-RED-16	3" round, 16-petal, high tack



Red Revolution



Maize HD Polish Pad

Polish Pad: Maize HD Polish Pad (250 pads per roll)

PSI Part #:	325-649-7	3.25" round, 7-petal
	649-16	3" round, 16-petal
	EL649-7	3.25" round, 7-petal, high tack
	EL2-649-16	3" round, 16-petal, high tack



Polish: Premium Lens Polish (available in gallons and 5-gallon pails)

PSI Part #:	3313G	PSI Lite 10, gallon
	3313P	PSI Lite 10, 5-gallon pail
	3315G	High Pro, gallon
	3315P	High Pro, pail

Available Pad Configurations:



7-petal tabbed



16-petal

Before installing PSI Lite 10 or any new plastic lens polish into your system, **it is important to thoroughly clean and flush the system and all supply and return lines with Clear Prep System Cleanser (Part #33CP)** to remove debris and traces of the previous polish. Clear Prep can be used as part of your polish maintenance program on an on-going basis to keep your system clean.

Processing Recommendations:

Cycle	Pad	Material	Time	Pressure	Speed
One-Step Fining	Red Revolution	Polycarbonate & Trivex or CR39, Mid & High Index	2 - 2½ minutes* or 35 - 45 seconds *	14-16 psi or .25 bar	High Speed is recommended for all cycles
Polish	Maize HD	All Materials	5 minutes*	14-16 PSI or .3-.35 bar	

- Filter and recirculate fining water or polishing slurry. For best results use **PSI Fining Water Additive (Part #1110G)** to reduce pad loading and eliminate burnishing marks from the lens.
- Maintain fining water and polish temperatures at 55° to 60°F for alloy systems and 60° to 65°F for wax systems.
- * Results may vary from lab to lab and recommended cycle times may need to be adjusted to achieve required surface quality.

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