



OPHTHALMIC - GLASS ABRASIVES & POLISHES

Universal Photonics offers a variety of premium polishes, pads and equipment for glass lens processing. To assure maximum satisfaction, we will gladly recommend a polishing system customized to meet your needs. In addition we can help you revolutionize laboratory performance with equipment specifically designed to increase lens quality while reducing operating costs. Contact us to learn more about our advanced line of consumable products, equipment systems and latest processing technologies.

	PRODUCT CODE	DESCRIPTION	AVAILABILITY	
RHODES ALUMINA	AZ Series	This high quality, low cost aluminum oxide lapping powder represents a breakthrough in abrasive surfacing materials. Years of development have resulted in a premium abrasive for ophthalmic lenses. A "plate-shaped" particle structure ensures long abrasive life and fine surface finishes, while narrow particle size distribution ensures consistent, dependable results. Available in both regular and suspension treated form.	12T, 15T, & 20T MICRON	
MICROGRIT	AH Series	One of the most widely recognized loose abrasive materials used in the ophthalmic field. Grading is based on the water separation method, and statistical data is used to monitor lot-to-lot consistency. Suspension treatment is available with any of these materials	12T, 15T, & 20T MICRON	
UNIVERSAL OPTICAL POWDER	AE Series	Formulated for all general optical fabrication applications, this aluminum oxide based product is graded to meet a wide range of stock removal and surface quality specifications. It has an optional built-in suspension agent available for ease of use in slurry systems. The micron based grading systems allows Universal Optical Powder to be used in all optical applications where a small, blocky shaped particle is needed.	125, 145, & 200 MICRON	
	PRODUCT CODE	DESCRIPTION	AVERAGE PARTICLE SIZE (μ)	pH
CEROX 1663	BA Series	A cerium oxide based polishing powder particularly suited for polishing ophthalmic lenses (mass production and prescription) and optical lenses. High polishing efficiency permits use at low concentration and very high cleanliness delivers polished surfaces without scratches. Excellent suspension properties.	1.0 - 2.0	6.0 - 8.0
RHODITE 80		An economy grade, cerium-based polishing powder suitable for all glass polishing. This material creates a standard for low cost, efficient polishing operations where a fine particle size is required.	2.8	8.0 - 9.0
RHODITE 90		Formulated similarly to Rhodite 200 but with a slightly lower cerium content. Stock removal rates and surface quality yields are excellent, and it is cost effective.	1.5 - 2.5	5.4 - 6.6
RHODITE 200		Premium quality cerium polish. Suspension treated with a pH inhibitor. Used in mass production optical applications as well as prescription labs. Can be used in low concentrations for improved efficiency and reduced costs. Narrow particle distribution translates to a higher stock removal rate. Cleans easily leaving clear, bright finishes.	1.7 - 3.0	6.0 - 8.4

For more information or to place an order contact us via email: info@universalphotonics.com or call 800.645.7173
 UNIVERSAL PHOTONICS INCORPORATED • 495 WEST JOHN STREET • HICKSVILLE, NY 11801 • 516.935.4000