

OptiSafe® Lens Dye Packets



- Better color consistency from batch to batch.
- Faster tint absorption into lens materials.
- No mess. No shaking, spilling, and rinsing of bottles.
- No loss of product from spillage. Entire pouch goes unopened into hot water.
- Saves on shipping costs. 10 packets equal the weight of 2 dye bottles.
- Extended shelf life. Packets last over 5 years on the shelf.
- Less storage space needed.
- Over 100 colors available

Description:

OptiSafe® Lens Dye Packets have been formulated by Phantom Research Laboratories, Inc. after several years of research and development. They are the most advanced lens dyes available today, providing the most consistent, uniform colors in the least amount of time. The molecular composition of the dyes allow for rapid penetration into the lens matrix, bonding to the lens and providing an excellent resistance to fading. Plastic CR-39™ (coated and uncoated), hi-index, and polycarbonate lenses can be successfully tinted with OptiSafe® Lens Dyes. Choose from a wide variety of colors to tint virtually every pair of sunglass and prescription lenses to customer satisfaction. The dyes are available in water-soluble dye packets, and are packaged in standard 10 packs.



Remove water-soluble dye packet from paper envelope.



Drop dye packet into dye tank (vat) filled with water. Plastic and ingredients dissolve in water.



Dye heating unit is needed to heat dye solutions. Lenses are dipped in hot dye bath at 200 - 205°F (93.3 - 96.1°C) by using a lens holder.



Density of tinted lenses, and the rate of change of density on gradient tinted lenses, can easily be measured with the Phantom Digital UV/Visible Transmission Meter

Color Matching Unit simulates daylight conditions for color matching lenses and verifying shade consistency.



You can create an unlimited number of colors and shades from our most popular OptiSafe® dye colors, including Corning CPF™, Blue Blocker, and modified spectrum lenses. Call our technical support department for more information. CPF™ is a registered trademark of Corning Glass Works.



Equipment Needed:

OptiSafe®

By PHANTOM®
RESEARCH LABORATORIES, INC.

PHc250xx-0808

(800) 225-5559 U.S.A.
+1-619-449-7754 International

CR-39 is a registered trademark of PPG Industries. USA
CPF is a registered trademark of Corning Glass Works. USA

www.phantomresearch.com
email: sales@phantomresearch.com