

Packets (Gel Paste)

OptiSafe® UV Formula III



- 200 + UV treated lenses per packet
- Extended shelf life (over one year)
- Low shipping cost (each packet weighs less than 1 oz. (28.4gm))
- AR compatible
- Non-yellowing
- Clear formula
- Long lasting
- No boilovers
- 3 minute treatment for 96% UV absorption
- 5 minute treatment for 97% UV absorption

Description:

Super concentrated paste formula for making CR-39 lenses capable of absorbing ultraviolet radiation up to 400 nm in a simple treatment process. This formula is compatible with Anti-Reflection coating, tinting, and scratch resistance coating processes. The formula comes sealed in water dissolvable bags packaged in paper envelopes.

What is Ultraviolet Radiation:

Dangerous invisible electromagnetic particle-like properties which are produced by the sun and man-made sources (such as electric welding arcs, high pressure lamps, etc). The wavelength of the UV radiation is measured in nanometers. For more information about UV radiation, refer to our informative pamphlet, "Protect Your Eyes From UV Radiation".

Equipment Needed:

1. One or more tanks in your dye heating unit can be allocated to heat the UV formula. An indirect heating unit utilizing heat transfer fluid is strongly recommended (e.g., Phantom Heating System). Any direct heating unit must incorporate stirring action to become suitable for heating the UV formula.

2. Clean lens holder. Lens holder used for UV treatment should not be dipped in other solutions to prevent cross contamination.

Directions:

UV treat lenses easily by dipping the lenses into UV solution heated to 205- 210°F (96-99°C) for 5 -10 minutes.

1. Open envelope and remove dissolvable bag.
2. Drop dissolvable bag into dye vat filled with water.

Availability:

Less than 1 oz. packet (Item#C347), less than 1 oz. (28.4gm) packet for UV treatment with Scratch Resistance Properties (Item#C350).

How to Use:



Figure 1 Open envelope & remove dissolvable bag



Figure 2 Drop dissolvable bag into dye tank filled with water



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

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