

CRIZAL® LENS PORTFOLIO

Edging and Mounting Guidelines



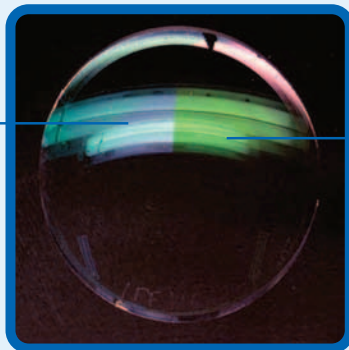
EDGING CRIZAL LENSES

All Crizal lenses feature an industry-leading super-hydrophobic top coat. **Essilor's patented Pad Control System™** — a distinctive temporary layer — assists with the edging process to deliver the ultimate in preciseness.

- Provides the adhesion required to block the lens for edging, grooving, drilling and retouching.
- Gives most Crizal lenses a blue residual color. After removal with a soft cotton cloth, most Crizal lenses have a green reflection.
- **IMPORTANT NOTE:** Crizal Sapphire UV™ lenses have a slight blue reflective hue and thus the **Pad Control System for this product only is ash/gray in color** (see images below).

CRIZAL LENSES

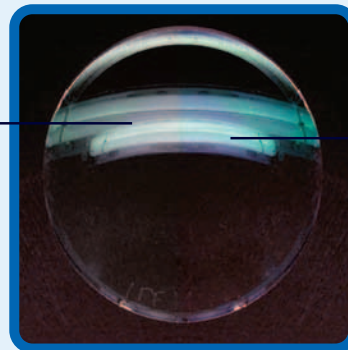
■ With the Pad Control System, the lens has a blue reflection



After finishing and cleaning, Crizal lenses have a green residual color.

CRIZAL SAPPHIRE UV™

■ With the Pad Control System, the lens has a gray reflection



After finishing and cleaning, the lens has the slight blue reflective color of Crizal Sapphire UV lenses.

1 LENS HANDLING

DO NOT CLEAN OR REMOVE THE PAD CONTROL SYSTEM BEFORE LENS BLOCKING

- The lens must keep its **Pad Control System** on both lens surfaces during edging, grooving, drilling and retouching.
- Lenses should be handled by the edges only, avoiding all finger or hand contact with the lens surface.



HANDLE BY EDGES

Crizal®
Live Life in the Clear™



2 LENS BLOCKING

- Ensure the block is dry and clean.
- Apply blocking pad to the block first, being careful not to touch the pad adhesive.
- Use solid center edging blocks that match the front curve of the lens. This is most critical on the flatter base curves.
- The front and backside chuck shapes must conform so there is no flexing of the lens.

IMPROPER HANDLING MAY CAUSE TWISTING OR SLIPPING DURING THE EDGING PROCESS

3 LENS EDGING

- Ensure edger clamp (chuck) pads are clean.
- Edger clamping (chuck) pressure must be set to the lowest amount recommended by the machine manufacturer.
- Select the material option that corresponds to the lens to be edged (If available set the machine on fragile mode).
- When possible, reduce the edger head pressure and feed rate.
- Utilize the continuous lens rotation mode if available.
- Assure exact sizing; leaving lenses large creates unwanted stress on the lens after mounting.



4 LENS MOUNTING

- Verify lens fit before removing the edging block. Once removed, the edging block cannot be reapplied.
- Rinse lenses in clean water and carefully deblock. Be sure to twist the block to remove, rather than pull or pry the block.

DO NOT FLEX OR BEND THE LENS DURING DEBLOCKING OR AT ANY OTHER TIME! AVOID THE USE OF LENS ALIGNMENT PLIERS

5 FINAL CLEANING

Prior to mounting, be sure to remove the **Pad Control System™**. This can be done by wiping the lens with a soft cotton cloth (see image at right).

Ensure that the entire **Pad Control System** has been removed from the lenses. Complete removal is evidenced by the absence of blue reflection from most Crizal lenses and the absence of gray reflection from Crizal Sapphire UV™ lenses.

AFTER MOUNTING THE LENS, DO NOT USE A FRAME WARMER OR SALT PAN



Learn more at www.crizalusa.com