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Technical Services Department

Technical Tip

Edging Lenses with Anti-Reflective Coating

The following tips are recommended for successful edging of AR coated lenses

- All anti-reflective lenses should be handled with extra care.
- Use edging blocks that best match the front curve of the lens.
- The shape of front and backside chucks should be similar, minimizing flexing of the lens.
- Applying an edging enhancement tape to both surfaces of the lens will help prevent slippage while protecting the lens surfaces.
- Ensure all edging wheels and cutter blades are clean and sharp. Follow manufacturer recommendations for cleaning/re-true/replacement.
- Ensure edger chuck pads are clean.
- Edger chuck pressure should be set to the least amount recommended by the manufacturer. Manual chucking requires experience.
- If possible, reduce the head pressure and “flow rate”. Check with your edger manufacturer.
- Size lenses exactly- leaving lenses large will create unwanted stress on the lens.
- After edging, rinse lenses well in clean water and gently de-block; Do not flex or bend the lens.
- Use light pressure when PIN beveling and while edge polishing.
- Use lens alignment pliers only if necessary, trying to avoid altogether.

For any additional technical questions, call the toll-free Technical Services Hotline: (800) 367-2544 ext. 5301
You can also send messages to us via e-mail: techservices@vision-ease.com
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