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Diffusion Optics Technology™ Spectacle

Lens Edging & Mounting Advice*

DOT™ spectacle lenses should be cut as you would ordinary Trivex® spectacle lenses. Should your edger not be suitable to process Trivex lenses or you are not comfortable doing so, please take advantage of the edge and mount or remote edging services offered.

- Trivex lenses must be cut with the Trivex setting of your edger. Please contact the edging machine manufacturer for assistance in how to select the Trivex mode.
- Most edging machines capable of cutting Trivex do so in dry mode, follow the instructions of your edger's user guide.
- When edging DOT™ spectacle lenses with an antireflective (AR) coating, use of an anti-slip sticker on the convex side and the low torque setting on the edging machine can help reduce the risk of slip-twist and AR crazing.
- A polish setting typically yields better results.
- If you do a safety bevel manually, try it dry.
- Trivex shrinks less than other materials, so best fit is typically obtained when spectacle lenses are cut to shape (rather than cut larger). Please refer to your edging machine manufacturer instructions for specific guidance.
- Check the frame's groove size/shape and adjust on your edging machine if necessary.
- Refer to your edging machine manufacturer's guidance on water recirculation when cutting Trivex on a wet edger as residual particles might be detrimental to the pump.

***NOTE:** Every edger model is different, and the edging result depends on many factors. Therefore, SightGlass Vision cannot guarantee a satisfactory result in any specific edging setting. Strictly follow the user guide and seek advice from the edging machine manufacturer. When in doubt ask your sales representative about remote edging or edging and mounting services for DOT lenses in certified optical laboratories.