

## Polycarbonate Composite Segmented Multifocal Lenses:

Transitions® Signature® Gray & Brown: FT28, FT35, 7 x 28 Trifocal

Transitions® XTRActive® Gray: FT28

## PROCESSING GUIDELINES

### INDEX

1.586

### DESCRIPTION

- This is a polycarbonate composite lens that incorporates a thin photochromic front surface bifocal layer made of Trivex®.

### LAYOUT

- A 6mm inset and a segment drop of 5mm should be used for surfacing layout.

### SURFACING / FINISHING / POLISHING

- It is recommended to process these lenses like standard polycarbonate materials. The stock removal rate will be **similar to standard polycarbonate products**.
- The target for finished lens minimum center thickness should be 1.8mm.
- The target for finished lens minimum edge thickness should be 1.4mm.

### EDGING / GLAZING

- Standard polycarbonate edging techniques should be used on Transitions® Polycarbonate Composite Multifocal lenses.
- Use care to insure that the lens is edged to the proper size for each frame; over-sized lenses may cause unwanted stress. Stress can be checked in a polariscope on mounted lenses.

### CLEANING

- *Do not use acetone; this is a polycarbonate-based lens.*

### GROOVING

- The photochromic dyes are positioned toward the front surface. Care should be taken not to locate the groove in this area; place the groove toward the middle/back surface of the lens.
- Plano and low power product should be processed to a minimum 2.0mm edge thickness.
- Avoid over-tightening the liner string.
- Do not over-size the lens.

### TINTING

- Any tinting of the lens may adversely affect the performance characteristics, including but not limited to the photochromic performance and color/hue. It remains the responsibility of those performing any subsequent tinting to ensure that the product conforms to regulatory requirements.

### AR COATING

- This product is supplied with a factory-applied hardcoat which provides for optimum cosmetics and durability. We recommend using this hardcoat as a base for your AR coating. If you must strip the factory hardcoat, please contact Younger Optics technical services at 1-888-807-4950 for assistance.

### MIRROR COATINGS

- Mirror coatings are not recommended because they will adversely affect the photochromic performance.