

# PROCESSING GUIDELINES

## Transitions® Signature™ Polycarbonate Flat Top 28

### INDEX

1.586

### LAYOUT

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

### SURFACING / FINING / 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 thickness should be 1.8mm.

### EDGING / GLAZING

- Standard polycarbonate edging techniques should be used on Transitions® Polycarbonate Flat Top 28.
- 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.

### 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

- Transitions® Polycarbonate Flat Top 28 are compatible with most anti-reflective coatings and will use same stripping and etching times as other Transitions® products.

### MIRROR COATINGS

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