



## THINDEX 1.70 High Index Processing Guide

The following tips are recommended for successful processing of Thindex 1.70 lenses. The lenses process in the same manner that 1.67 lenses process.

### Layout/ Taping

- Layout the Novella progressive lens** at the prism reference point (PRP), which is located 17mm between the engraved circles. The fitting cross is 2mm above the PRP.
- Layout the aspheric single vision lenses on the geometric center of the lens**
- Taped lenses** should be free of wrinkles, air bubbles, and foreign debris.
- Do not** leave lenses taped and blocked overnight.

### Blocking

- Use 117° alloy or thermoset plastic wax (blocking medium) and keep temperature as low as possible.
- Allow to cool for 20 minutes prior to generating.

### Generating

- The labs that process Thindex will generate it like 1.67 index.
- Minimum thickness is 1.1mm.

### Fining/Polishing

- The labs that will process Thindex will fine and polish it with the same pads, pressures and temperatures as 1.67 index.

### Deblocking/Washup

- Standard "shock" de-block with cylindrical tube
- Wash, rinse and dry with care knowing that the lens is uncoated

### Dip Coating/ AR Coating of Uncoated Thindex

- It is critical that Thindex lenses go through a quality dip coating process that is thermally cured for proper adhesion to the Thindex material and acts as a quality base coating for the subsequent AR stack.

### Backside Spin Coating of SRC Coated Thindex

- As of July, 2012 - Vision-Ease Lens recommends AST-1 by Ultra Optics because of the unique bonding properties it has with Thindex 1.70 material.