

Liberty 677MY / 677PMY Technical Specification



Type	Single-piece hydrophilic intraocular lens for implantation into the capsular bag
Material	25% water content with UV absorber + blue light filter; Refractive Index 1.46; ABBE number 58
Optic design	Biconvex, aspheric, diffractive-refractive, apodized
Powers available*	+8.00 D → +35.00 D (increment: 0.50 D)
Diffractive zone	EPS technology**, anterior surface, Ø 3.0 mm
Addition	+3.50 D (near); +1.75 D (intermediate)
A-constant***	118.9 (SRK/T)
Dimensions	Overall length 13.0 mm; optic Ø 6.0 mm
PCO protection	360° Special Square Edge (patented)
Haptic angulation	0° – asymmetrical design with posterior vaulting
Sterilization	Steam (shelf life 5 years after sterilization)
Storage conditions	at +15 °C – +35 °C (15% – 50% humidity)

* Other powers upon request

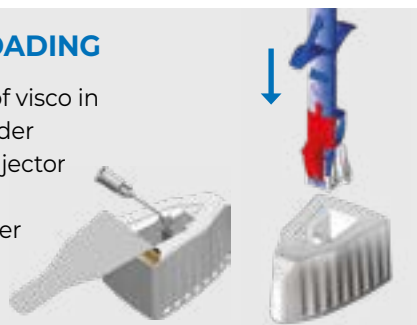
** Patent pending

*** It is recommended that surgeons personalize the constants they use.

Single use injection system for Liberty 677PMY preloaded IOLs

1st CLICK LOADING

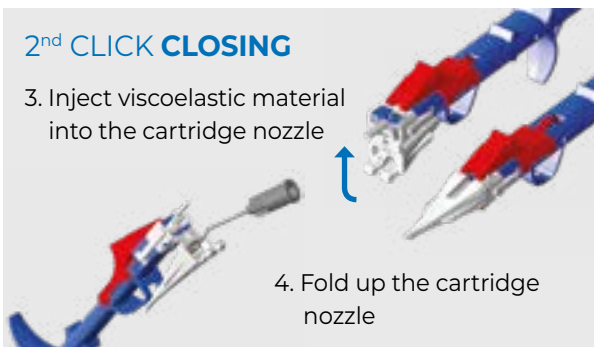
1. Put a drop of visco in the lens holder
2. Insert the injector into the wet container



2nd CLICK CLOSING

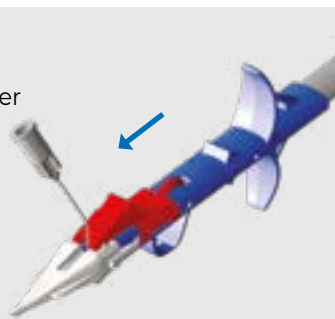
3. Inject viscoelastic material into the cartridge nozzle

4. Fold up the cartridge nozzle



3rd CLICK READY

5. Push the red stopper forward to the end position
6. Fill visco



INJECTION

7. Push the plunger midway then pull back to the end and continue pushing

