

Liberty 677MTY Technical Specification



Type	Single-piece hydrophilic trifocal toric 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, toric
Powers available*	+8.00 D → +35.00 D (increment: 0.50 D)
Cylinders available**	+1.00 D → +4.50 D (increment: 0.50 D) +5.25 D; +6.00 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

** Please note that at SEQ.: +8.0 D to +9.5 D, only cyl. +1.0 D to +4.5 D applies.

*** Patent pending

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