

877PETY

Single piece, sterile, foldable aspheric hydrophobic acrylic intraocular lens (IOL) with UV blocker and blue light filter. The optic is EDOF toric. The IOL is available as part of a preloaded injector system.



 **YELLOW IOL**

POWER RANGE		
Standard Powers	+10.0 D → +30.0 D (0.5 D steps)	
Cylinders	T2	1.0 D
	T3	1.5 D
	T4	2.25 D
	T5	3.0 D
	T6	3.75 D
	T7	4.5 D
	T8	5.25D*
	T9	6.0D*
MATERIAL		
Hydrophobic acrylic with UV blocker and blue light filter		
Refractive Index	1.47	
Abbe Number	58	
DESIGN		
Optic Diameter Overall Diameter	6 mm	13 mm
	Aspheric - Aberration Neutral Biconvex (+10.0 D → +30.0 D)	
Optic Design	Aspheric - Aberration Neutral Biconvex (+10.0 D → +30.0 D)	
Nominal A-constant	118.9	
Contact Angle	124° contact angle with the capsular bag**	
EDOF Zone	Refraction-based central Wavefront Linking zones	
Haptic Design	Posterior vaulting fenestrated C-loops with 0° angulation	
PCO Prevention	360° sharp edge	
Shelf Life	2.5 years after sterilization	
INJECTION		
Estimated Incision Size	2.2 mm	
Compatible Injector	POB-MA SINGLE-USE PRELOADED INJECTOR	
CONSTANTS <i>for optical and immersion ultrasound measurements</i>		
SRK/T A-Constant	Haigis	Hoffer Q
A = 118.9	a0 = 1.32 a1 = 0.4 a2 = 0.1	pACD = 5.46
Holladay I	Barrett Universal II	Holladay II
SF = 1.7	LF = 1.83	ACD = 5.49 SF = 1.73

*available above +11.0 D SEQ

**measured in a 10 mm standard capsular bag simulator

877PETY

PRELOADED

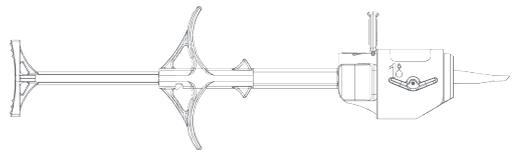
3! | **elON**
FLEX | POB-MA HYDROPHOBIC TORIC



EDOF

TORIC

PRELOADED



MEDICONTUR

Medicontur
Medical Engineering Ltd
export@medicontur.com
www.medicontur.com

Head Office
Herceghalmi út 1.
2072 Zsámbék
Hungary

International Office
Chemin du Champ-des-Filles 36
1228 Plan-les-Ouates
Switzerland / Geneva