

# B! | FLEX T

677TA | 677TAY

Single piece, sterile, foldable acrylic aspheric hydrophilic posterior chamber intraocular lens (IOL) with UV blocker, optionally with blue light filter. The optic is monofocal toric. The IOL is non-preloaded, which has to be manually loaded into a compatible injector.



 **CLEAR IOL**  
677TA

 **YELLOW IOL**  
677TAY

## POWER RANGE

Standard Powers

0.0 D → +30.0 D (0.5 D steps)

Extreme Powers

-10.0 D → -1.0 D (1.0 D steps)  
+31.0 D → +35.0 D (1.0 D steps)

Cylinders\*

1.0 D	1.5 D	2.25 D	3.0 D
3.75 D	4.5 D	5.25 D	6.0 D

## MATERIAL

Copolymer of hydrophobic and hydrophilic monomers with 25% water content, UV blocker and optional blue light filter

Refractive Index

1.46

Abbe Number

58

## DESIGN

Optic Diameter  
Overall Diameter

6 mm      13 mm

Optic Design

Aspheric - Aberration Neutral  
Convex-concave (-10.0 D → +5.0 D)  
Biconvex (+5.5 D → +35.0 D)

Nominal A-constant

118.9

Haptic Design

Posterior vaulting fenestrated C-loops with  
0° angulation

PCO Prevention

360° sharp edge

Shelf Life

5 years after sterilization

## INJECTION

Estimated Incision Size

2.2 - 2.4 mm

Recommended Injector

Compatibility chart available:  
[medicontur.com/professionals/compatibility](https://www.medicontur.com/professionals/compatibility)

## CONTACT ANGLE

133° contact angle with the capsular bag\*\*

SRK/T A-Constant

A = 118.828\*\*  
(optimized)

Haigis

a0 = 0.190\*\*  
a1 = 0.192\*\*  
a2 = 0.173\*\*

Hoffer Q

pACD = 5.431\*\*

Holladay I

SF = 1.682\*\*

LF = 1.79

LF = 1.79

Holladay II

ACD = 5.45  
SF = 1.69

\*Extreme cylinders available: +6.75 D, +7.5 D, +8.25 D, +9.0 D, +10.0 D

\*\*Optimized constants based on more than 400 patients

The safety and performance of Medicontur IOLs have been tested in clinical investigations and the clinical data demonstrate that these IOLs meet the requirements of the state of the art.

**MEDICONTUR**

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# 3! | FLEX T



○ MONOFOCAL

○ TORIC

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