

## **₹** FLEX ☐

### 677AD | 677ADY

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







#### **POWER RANGE**

Standard Powers

0.0 D → +9.0 D (1.0 D steps) +10.0 D → +30.0 D (0.5 D steps)

Extreme Powers

-10.0 D → -1.0 D (1.0 D steps) +31.0 D → +45.0 D (1.0 D steps)

#### 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  $\rightarrow$  -1.0 D) Biconvex (0.0 D → +45.0 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

1.8 - 2.2 mm

Recommended Injector

Compatibility chart available: medicontur.com/professionals/compatibility

**CONSTANTS** for optical and immersion ultrasound measurements

SRK/T A-Constant

Haigis

Hoffer Q

A = 118.828\*

a0 = 0.190\*

(optimized)

a1 = 0.192\*a2 = 0.173\* pACD = 5.431\*

Holladay I

Barrett Universal II

Holladay II

SF = 1.682\*

LF = 1.79

ACD = 5.45

SF = 1.69

MA-IOL-BFLEX-MD100-DTS-EN 202402

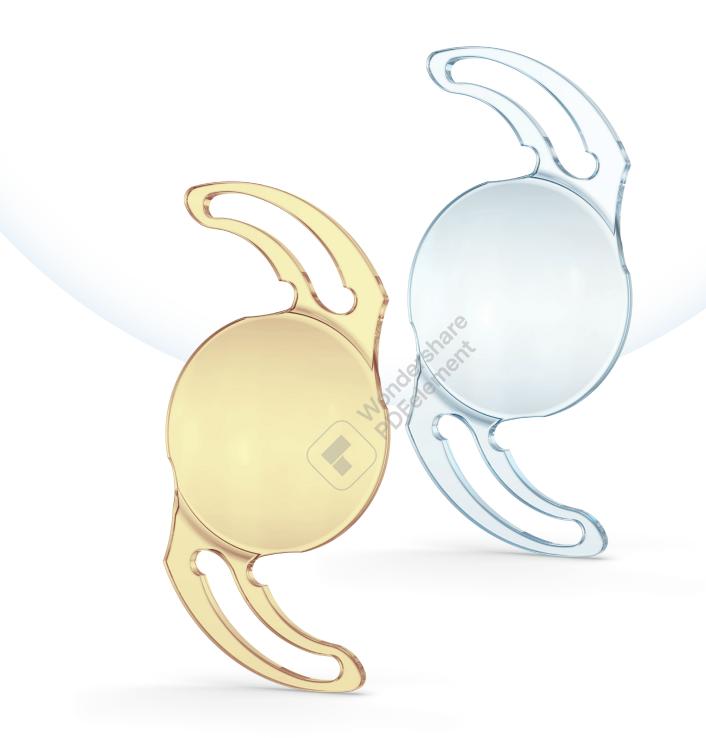
\* Optimized constants based on more than 400 patients





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# 3! | FLEX HL







#### International Office