

3! | FLEX HL

677AB | 677ABY

Posterior-chamber
intraocular lens,
pseudophakic, hydrophilic,
with optional blue light filter



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 → -1.0 D)
Biconvex (0.0 D → +45.0 D)

Nominal A-constant

118.0

Haptic Design

Posterior vaulting fenestrated C-loop design
with 0° angulation

PCO Prevention

360° Square 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](https://www.medicontur.com/professionals/compatibility)

CONSTANTS

for optical and immersion ultrasound measurements

SRK/T A-Constant

A = 118.1

Haigis

a0 = 0.325
a1 = 0.255
a2 = 0.141

Hoffer Q

pACD = 5.01

Holladay I

SF = 1.25

Barrett Universal II

LF = 1.41

Holladay II

ACD = 5.02
SF = 1.28

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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MONOFOCAL

MEDICONTUR

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