

**677P | 677PY**

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 preloaded, which is part of an injection system, delivered in a special lens holder, that must be inserted into a dedicated injector before implantation.



**CLEAR IOL**  
677P



**YELLOW IOL**  
677PY

**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)

**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 → +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

3 years after sterilization

**INJECTION**

Estimated Incision Size

2.2 - 2.4 mm

Compatible Injector

MEDJET PIL-MA SINGLE-USE INJECTOR

**CONSTANTS**

*for optical and immersion ultrasound measurements*

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\*

Barrett Universal II

LF = 1.79

Holladay II

ACD = 5.45  
SF = 1.69

\* Optimized constants based on more than 400 patients

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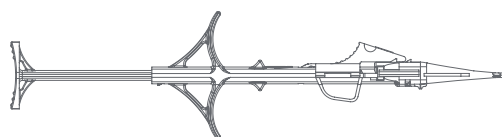
PRELOADED

**3!** | **PIL-MA**  
FLEX | HYDROPHILIC PRELOADED



○ MONOFOCAL

↔ PRELOADED



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