

# Hydrophobic Acrylic IOL

## Acuity- 2.2mm

### Pre-Loaded Injector & Disposable Hydrophilic Injector



Simplify lens implantation with Acuity-2.2MM This injector is Pre-loaded with our state-of-the-art Hydrophobic lens. The injection system is completely self contained, which enhances intraoperative safety, efficiency and predictability.

Every lens is cleaned and inspected 100% and is not exposed to further handling prior to insertion.

Single Use & Disposable

UB60-0UV  
UY60-0UV

FB25B-UV  
FB25B-NY

6.0 mm Optic  
12.5 mm OAL  
Bi-Convex  
Modified C  
0° Angulation  
"A" Constant: 118.5  
AC Depth 5.6

**BiFocal**

+4 to the base power

Hydrophobic material has been shown to have a lower chance of PCO, inflammatory cell response and bacterial adhesion with minimum pigment deposition. Our material is FREE of vacules and glistening due to it is lathe cut versus others that are molded. Molded lenses trap air which will produce vacules and glistening.

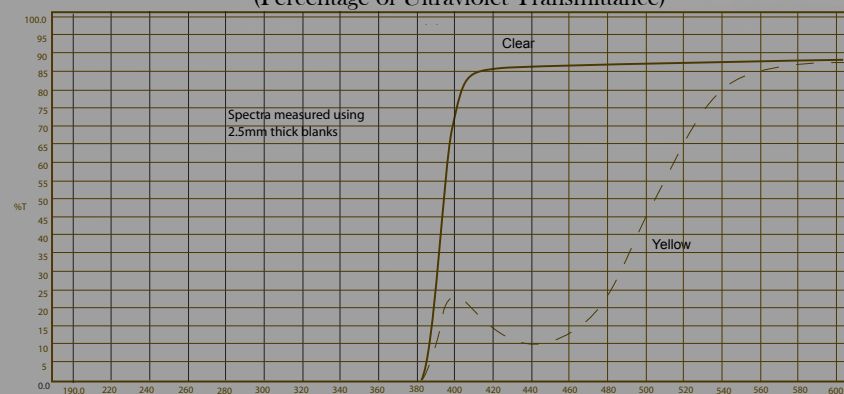
#### High Tensile Strength:

- Damage resistance during folding and insertion
- Reduced possibility of forceps and folding marks

#### High Index of refraction impacts:

- Excellent folding and unfolding before and after insertion
- Reduced surface scattering
- Smaller incision required due to thinner lens

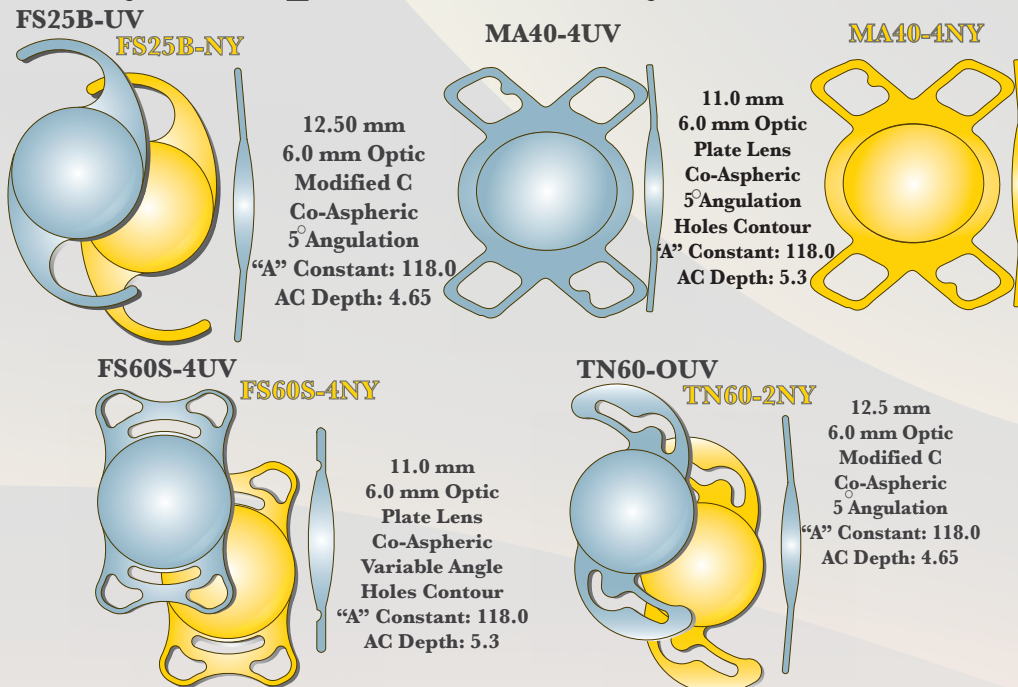
Spectral Transmission Curves  
(Percentage of Ultraviolet Transmittance)



Hydrophobic Lenses are not for sale in the US.

UV Options: Natural Clear - Natural Yellow

# Hydrophilic Acrylic IOL



Acuity's Hydrophilic co-aspheric lenses are made from our unique patented co-polymer of hydrophilic and hydrophobic monomers. Our advanced square edge design allows for the reduction of posterior opacification by creating an obstruction that is not easily by-passed. Unique advantages include: No vacuoles or glistenings & does not stick to instruments.

Our Natural Yellow lenses use the same chromophore & light spectrum as a young human crystalline lens (3-Hydroxykynurenine), while still allowing some beneficial violet rays to enter. This lens is superior to other yellow IOL materials because it filters out harmful violet rays, protecting the retina without blocking needed blue light, while allowing beneficial violet rays to enter. No loss in contrast sensitivity or color perception, providing complete protection.

There is nothing more natural than using the same chromophore that nature intended when the natural lens must be replaced.

## Premium Series

### BiFOCAL

FB25B-UV

FB25B-NY

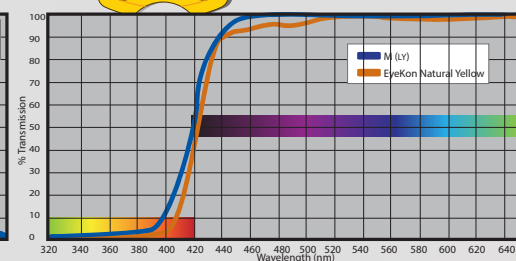
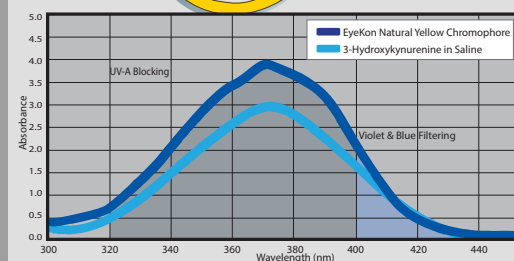
12.50 mm  
6.0 mm Optic  
Modified C  
Co-Aspheric  
5 Angulation  
"A" Constant: 118.2  
AC Depth: 4.65  
+4 to the base power

### Accommodative

FA55A-4UV

FA55A-4NY

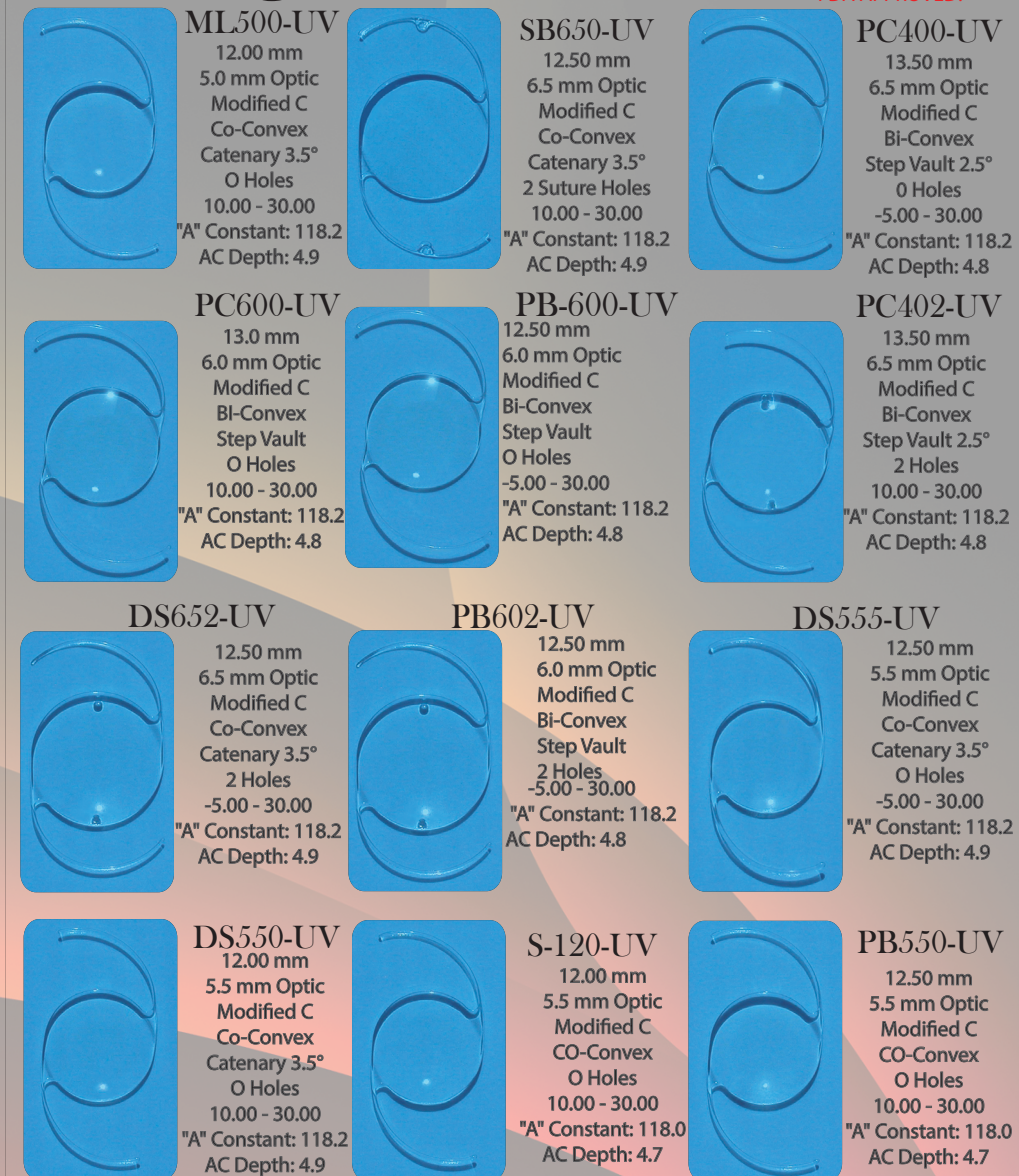
12.0 mm  
5.5 mm Optic  
Plate Lens  
Co-Aspheric  
Double Vault  
"A" Constant: 118.0  
AC Depth: 4.65



Hydrophilic/Hydrophobic Acrylic lenses are not FDA approved and are currently unavailable in the US.

# Single Piece PMMA

FDA APPROVED!



## Anterior Chamber

AC60B-UV/AC60C-UV

12.50 / 13.00 mm  
6.0 mm Optic  
Foot Plate  
PL-Convex  
Step Vault  
O Holes  
10.00 - 30.00  
"A" Constant: 115.1  
AC Depth: 2.95

## Premium Series

### BiFOCAL

SN106

12.50 mm  
6.0 mm Optic  
Modified C  
Bi-Convex  
Step Vault  
-5.00 - 30.00  
"A" Constant: 118.2  
AC Depth: 4.8  
+4 to the base power

### Refractive

FD50B-UV

12.50 mm  
5.5 mm Optic  
Foot Plate  
PL-Convex  
Step Vault  
O Holes  
10.00 - 30.00  
"A" Constant: 115.1  
AC Depth: 2.95

## Capsular Tension Ring

#### Advantages

- Circular expansion & stabilization
- Reduced risk of capsular fibrosis
- Safe IOL centration
- High flexibility
- One piece CQ PMMA ring

CTR10 (10mm)  
CTR12 (12mm)

Available in **BLUE** and **CLEAR**  
CTRs/Anterior Chamber IOLs are not for sale in the US.