

Hydrophobic Acrylic IOL

MDR - 2.2mm

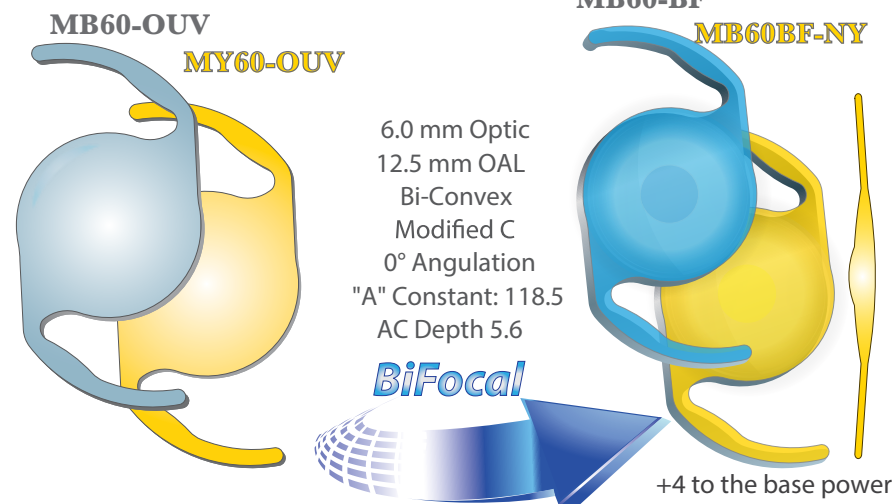
Pre-Loaded Injector & Disposable Hydrophilic Injector



Simplify lens implantation with MDR-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



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.

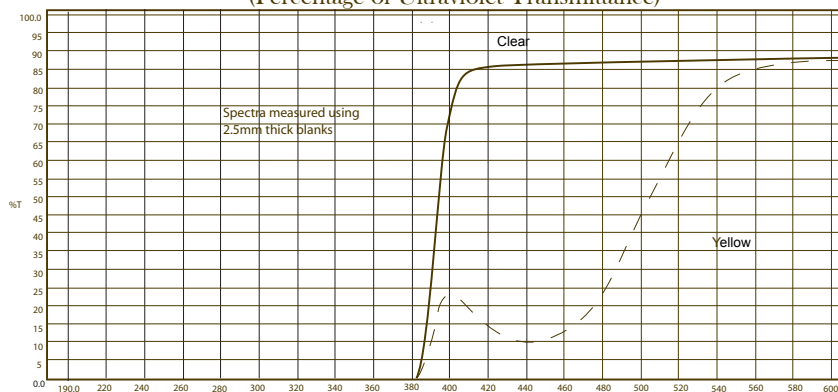
High Tensile Strength:

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

High Index of refraction imparts:

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

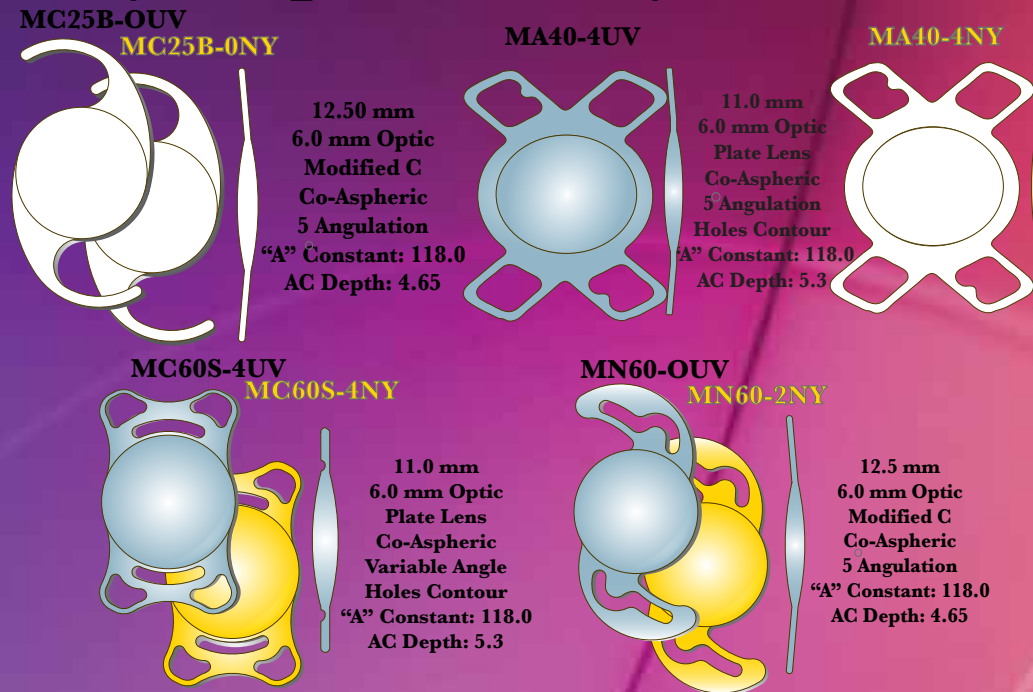
Spectral Transmission Curves
(Percentage of Ultraviolet Transmittance)



Hydrophobic Lenses are not for sale in the US.

UV Options: Natural Clear - Natural Yellow

Hydrophilic Acrylic IOL



12.50 mm
6.0 mm Optic
Modified C
Co-Aspheric
5 Angulation
"A" Constant: 118.0
AC Depth: 4.65

11.0 mm
6.0 mm Optic
Plate Lens
Co-Aspheric
5 Angulation
Holes Contour
"A" Constant: 118.0
AC Depth: 5.3

11.0 mm
6.0 mm Optic
Plate Lens
Co-Aspheric
Variable Angle
Holes Contour
"A" Constant: 118.0
AC Depth: 5.3

12.5 mm
6.0 mm Optic
Modified C
Co-Aspheric
5 Angulation
"A" Constant: 118.0
AC Depth: 4.65

MDR'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.

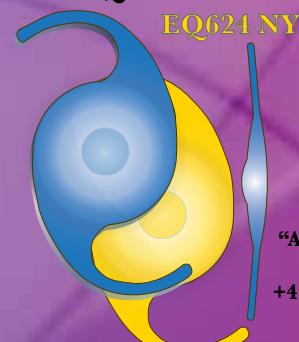
Our Natural Yellow lenses use the same chromophore & light spectrum as a young human crystalline lens (3-Hydroxykynurenine), while still allowing some beneficial violet rays to enter. This lens is superior to other yellow IOL materials because it filters out harmful violet rays, protecting the retina 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

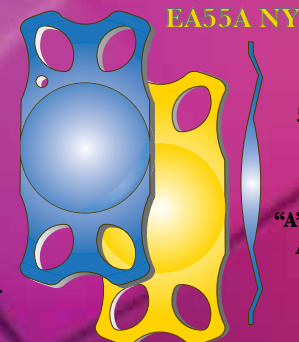
EQ624



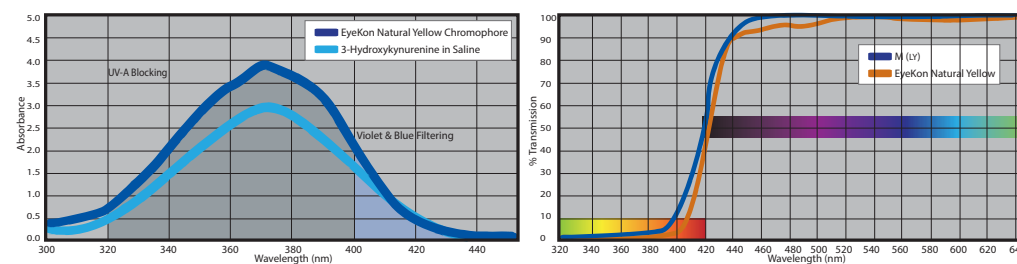
12.50 mm
6.0 mm Optic
Modified C
Co-Aspheric
5 Angulation
"A" Constant: 118.2
AC Depth: 4.65
+4 to the base power

Accommodative

EA55A



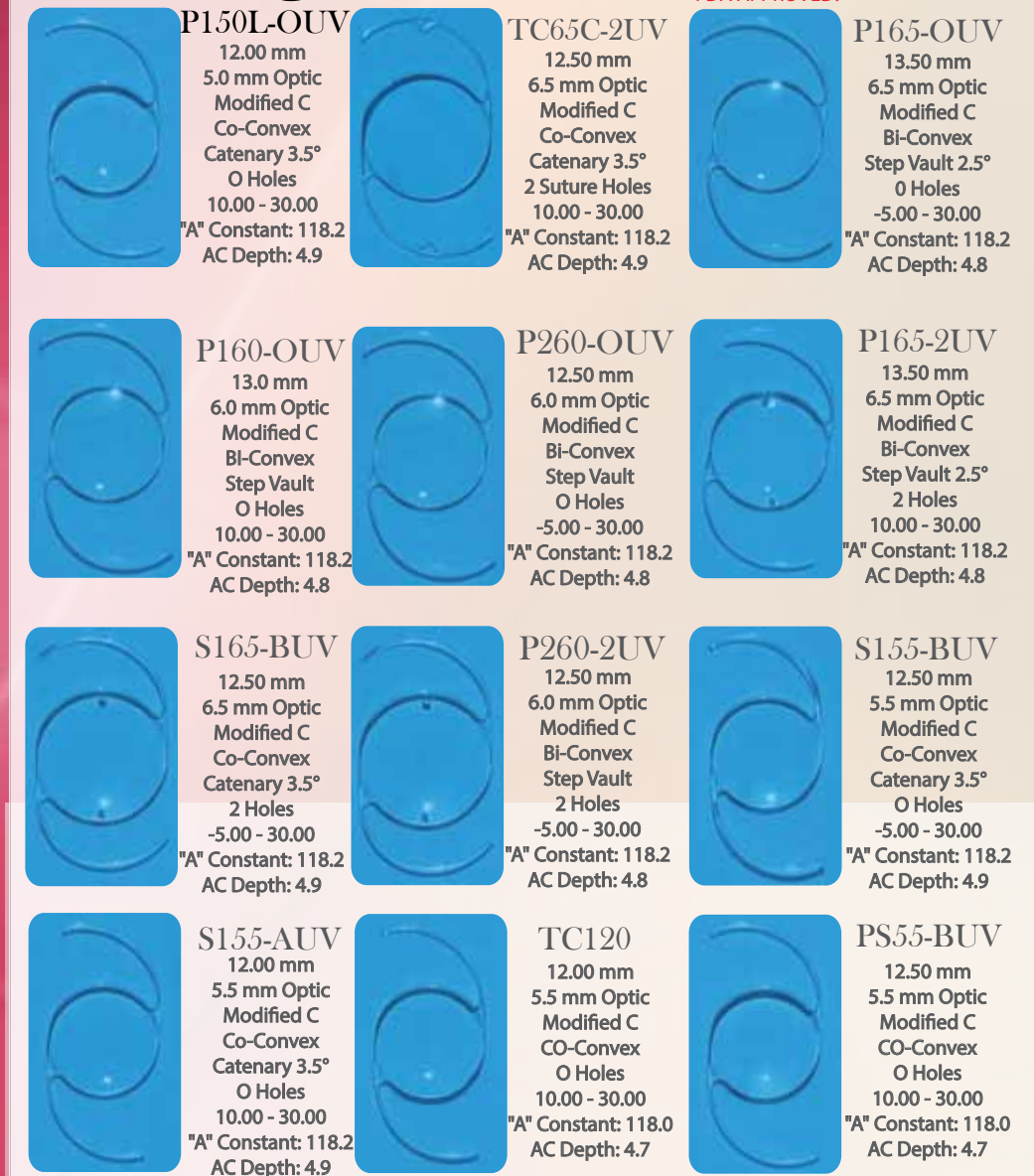
12.0 mm
5.5 mm Optic
Plate Lens
Co-Aspheric
Double Vault
"A" Constant: 118.0
AC Depth: 4.65



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

Single Piece PMMA

FDA APPROVED!



P150L-OUV
12.00 mm
5.0 mm Optic
Modified C
Co-Convex
Catenary 3.5°
O Holes
10.00 - 30.00
"A" Constant: 118.2
AC Depth: 4.9

TC65C-2UV
12.50 mm
6.5 mm Optic
Modified C
Co-Convex
Catenary 3.5°
2 Suture Holes
10.00 - 30.00
"A" Constant: 118.2
AC Depth: 4.9

P165-OUV
13.50 mm
6.5 mm Optic
Modified C
Bi-Convex
Step Vault 2.5°
O Holes
-5.00 - 30.00
"A" Constant: 118.2
AC Depth: 4.8

P160-OUV
13.0 mm
6.0 mm Optic
Modified C
Bi-Convex
Step Vault
O Holes
10.00 - 30.00
"A" Constant: 118.2
AC Depth: 4.8

P260-OUV
12.50 mm
6.0 mm Optic
Modified C
Bi-Convex
Step Vault
O Holes
-5.00 - 30.00
"A" Constant: 118.2
AC Depth: 4.8

P165-2UV
13.50 mm
6.5 mm Optic
Modified C
Bi-Convex
Step Vault 2.5°
2 Holes
10.00 - 30.00
"A" Constant: 118.2
AC Depth: 4.8

S165-BUV
12.50 mm
6.5 mm Optic
Modified C
Co-Convex
Catenary 3.5°
2 Holes
-5.00 - 30.00
"A" Constant: 118.2
AC Depth: 4.9

P260-2UV
12.50 mm
6.0 mm Optic
Modified C
Bi-Convex
Step Vault
2 Holes
-5.00 - 30.00
"A" Constant: 118.2
AC Depth: 4.8

S155-BUV
12.50 mm
5.5 mm Optic
Modified C
Co-Convex
Catenary 3.5°
O Holes
-5.00 - 30.00
"A" Constant: 118.2
AC Depth: 4.9

S155-AUV
12.00 mm
5.5 mm Optic
Modified C
Co-Convex
Catenary 3.5°
O Holes
10.00 - 30.00
"A" Constant: 118.2
AC Depth: 4.9

TC120
12.00 mm
5.5 mm Optic
Modified C
CO-Convex
O Holes
10.00 - 30.00
"A" Constant: 118.0
AC Depth: 4.7

PS55-BUV
12.50 mm
5.5 mm Optic
Modified C
CO-Convex
O Holes
10.00 - 30.00
"A" Constant: 118.0
AC Depth: 4.7

Anterior Chamber

Z37B-UV/Z37C-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

MD106



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

Z50B-UV

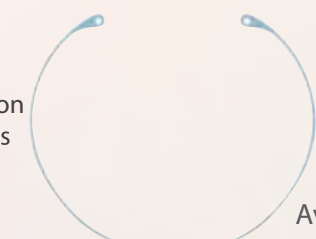


12.50 mm
5.5 mm Optic
Foot Plate
PL-Convex
Step Vault
O Holes
10.00 - 30.00
"A" Constant: 115.1
AC Depth: 2.95

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.