

i-Lens Series

Akriti[®]
Simplifying Eye Care



i-Series of Intraocular Lenses

i-Lens | *i*-Fold | *i*-Edge | *i*-Clear | *i*-Phob

sales@akriti.co.im

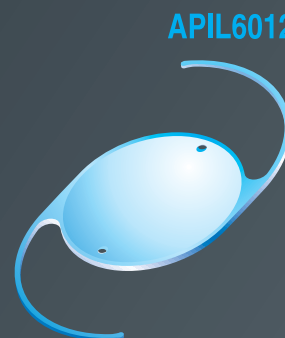
www.akriti.co.im

i-Lens Series

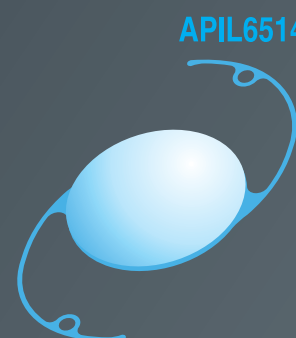
PMMA Single Posterior Chamber
& Anterior Chamber Intraocular lens



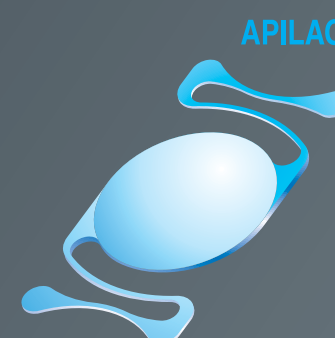
APIL5012



APIL6012

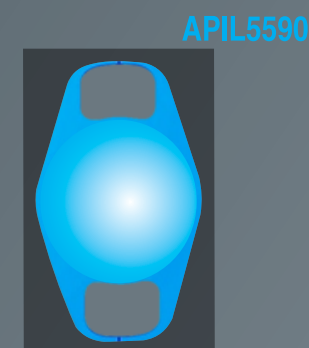


APIL6514



APILAC6012

Anterior Chamber IOL



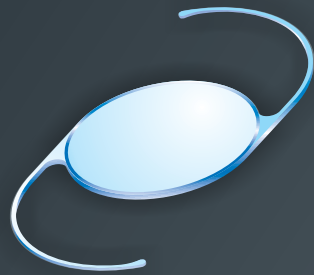
APIL5590

Model	Optic/Overall Diameter	Optic Design	Haptic Design	Dialing Holes	Suggested A Constant	AC Depth
APIL5012	Design 5.0/12.50	Spherical Biconvex	"C" Design With Step Vault	0	118.4	5 mm
APIL5212	Design 5.25/12.00	Spherical Biconvex	"C" Design With Step Vault	0	118.2	5 mm
APIL5512	Design 5.50/12.50	Spherical Biconvex	"C" Design With Step Vault	0	118.2	5 mm
APIL6012	Design 6.0/12.50	Spherical Biconvex	"C" Design With Step Vault	2	118.2	5 mm
APIL6013	Design 6.0/13.00	Spherical Biconvex	"C" Design With Step Vault	2	118.2	5 mm
APIL6513	Design 6.5/13.00	Spherical Biconvex	"C" Design With Step Vault	2	118.2	5 mm
APIL6514	Design 6.5/13.50	Spherical Biconvex	"C" Design With Step Vault	0	118.2	5 mm
APILAC6012	Design 6.0/12.50	Spherical Biconvex	"C" Design With Step Vault	0	115.3	5 mm
APIL4080	Design 4.0/8.00	Spherical Biconvex	"C" Design With Step Vault	0	118.2	2.95 mm
APIL4272	Design 4.25/7.25	Spherical Biconvex	"C" Design With Step Vault	0	118.2	2.95 mm
APIL5580	Design 5.50/8.0	Spherical Biconvex	"C" Design With Step Vault	0	118.2	2.95 mm
APIL5590	Design 5.50/9.0	Spherical Biconvex	"C" Design With Step Vault	0	118.2	2.95 mm

i-Edge Series

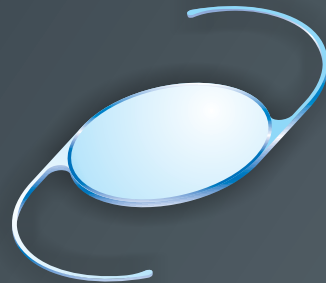
Aspheric Surface with 360° Square Edge Optics
PMMA Intraocular Lens

APMA5712SQ



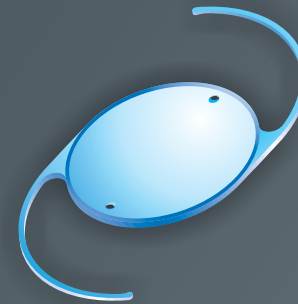
Optic Dia 5.25 mm
Overall Diameter 12.50 mm

APMA5512SQ



5.50 mm
12.50 mm

APMA6012SQ



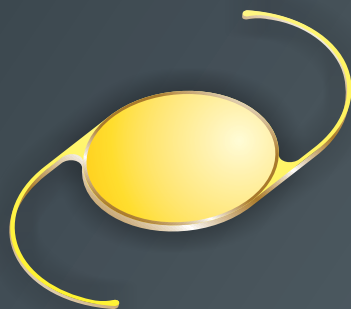
6.0 mm
12.50 mm

APMA6013SQ



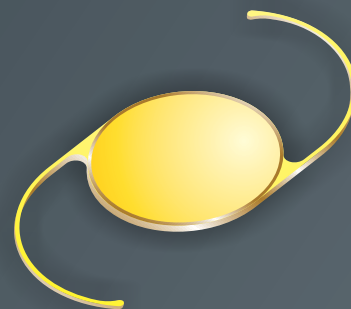
6.0 mm
13.00 mm

APMA5712SQY



Optic Dia 5.25 mm
Overall Diameter 12.50 mm

APMA5512SQY



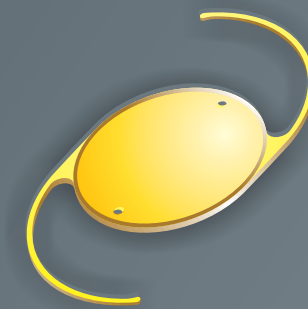
5.50 mm
12.50 mm

APMA6012SQY



6.0 mm
12.50 mm

APMA6013SQY



6.0 mm
13.00 mm

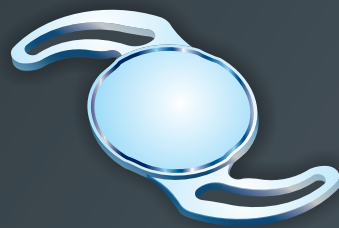
Optic Design	Spherical Biconvex
Haptic Design	Double Haptics, 5° Angulation
PCO Protection	360° Perfect Square Edge Around the Optic Edge
Suggested A Constant	+ve Power range 118, -ve Power range 117.4

- ✓ CQ PMMA - Bio-compatibility material with UV Filter ensuring adequate UV protection.
- ✓ Single Piece Posterior Chamber with posterior Side Square edge and rounded Anterior Edge.
- ✓ Aberration neutral aspheric lenses are designed with uniform power from centre to edge and reduced glare & glistening
- ✓ 360° Sharp Edge around the whole outline of the optic reduces the cell adhesion for highest possible PCO prevention
- ✓ The Haptics design with step vault ensures, better contact with the capsular bag and better centration post operatively.
- ✓ Power Available: - 10.0 D to +40.0 D (+10.0 D to + 30.0 D in 0.5 D steps -10.0 D to 9.0D and +31.0 to +40.0 D in 1.0 D Steps)
- ✓ Optics are Yag laser compatible.
- ✓ Sterilized by Ethylene Oxide

i-Clear Series

Hydrophilic Aspheric 360°
Square Edge Foldable Acrylic Intraocular Lens

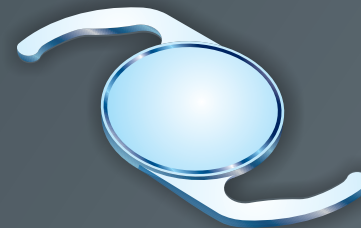
ASFL5125



ASFL6125



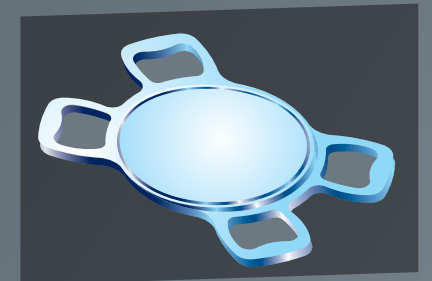
ASFL6125R



ASFL6010



ASFL6011



Model

Optic Diameter	5.75 mm
Overall Diameter	12.50 mm
Optic Design	Spherical Biconvex
Haptic Design	Double Haptics, 5° Angulation
PCO Protection	360° Perfect Square Edge Around the Optic Edge
Suggested A.Constant	+ve Power range 118, -ve Power range 117.4

Optic Diameter	6.00 mm
Overall Diameter	12.50 mm
Optic Design	Spherical Biconvex
Haptic Design	Double Haptics, 5° Angulation
PCO Protection	360° Perfect Square Edge Around the Optic Edge
Suggested A.Constant	+ve Power range 118, -ve Power range 117.4

Optic Diameter	6.00 mm
Overall Diameter	12.50 mm
Optic Design	Spherical Biconvex
Haptic Design	“C” Design, 5° Angulation
PCO Protection	360° Perfect Square Edge Around the Optic Edge
Suggested A.Constant	+ve Power range 118, -ve Power range 117.4

Optic Diameter	6.00 mm
Overall Diameter	10.50 mm
Optic Design	Spherical Biconvex
Haptic Design	4-Point Fixation Plate Haptics*
PCO Protection	360° Perfect Square Edge Around the Optic Edge
Suggested A.Constant	+ve Power range 118, -ve Power range 117.4

Optic Diameter	6.00 mm
Overall Diameter	11.00 mm
Optic Design	Spherical Biconvex
Haptic Design	4-Point Fixation Plate Haptics**
PCO Protection	360° Perfect Square Edge Around the Optic Edge
Suggested A.Constant	+ve Power range 118, -ve Power range 117.4

*0° Angulation

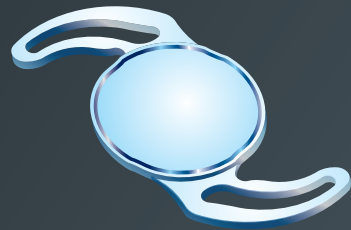
**0° Angulation

Foldable Hydrophilic Acrylic Intraocular Lens (Sterile)
Includes Disposable Injector and Cartridge

i-Fold Series

Hydrophilic 360° Square Edge
Foldable Acrylic Intraocular Lens

AHPFS6125SQ-R



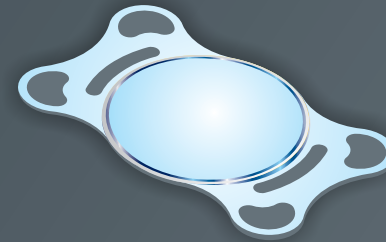
Optic Dia 6.0 mm
Overall Diameter 12.50 mm

AHPFS6125SQ



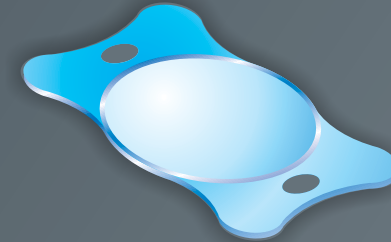
6.0 mm
12.50 mm

AHPFS6011SQF



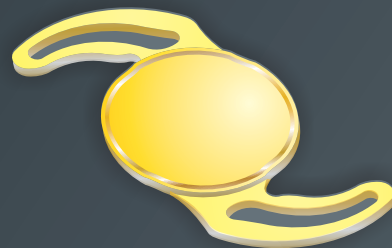
6.0 mm
11.00 mm

AHPFS6016SQP



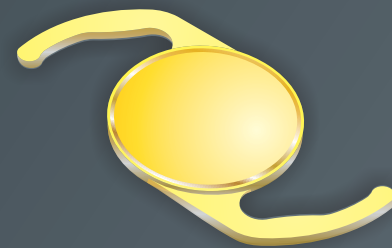
6.0 mm
10.60 mm

AHPFS6125SQY-R



Optic Dia 6.0 mm
Overall Diameter 12.50 mm

AHPFS6125SQY



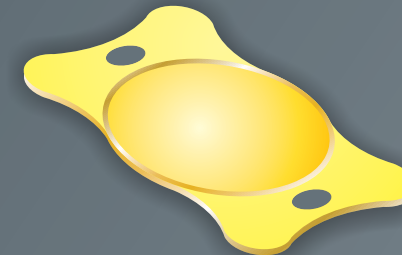
6.0 mm
12.50 mm

AHPFS6011SQFY



6.0 mm
11.00 mm

AHPFS6016SQPY

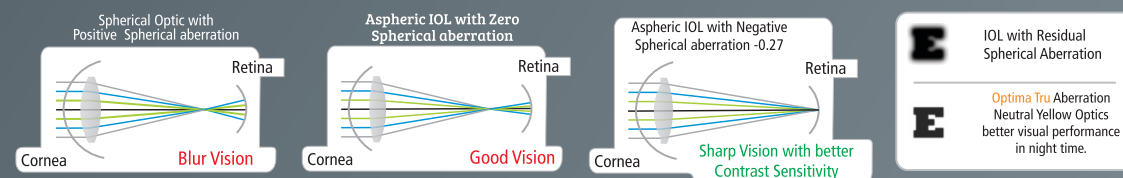


6.0 mm
10.60 mm

Optic Design	Aberration Neutral, Negative Aspheric Biconvex
Haptic Design	Double Haptics, 5° Angulation
PCO Protection	360° Perfect Square Edge Around the Optic Edge
Suggested A Constant	+ve Power range 118, -ve Power range 117.4

Foldable Hydrophilic Acrylic Intraocular Lens (Sterile)
Includes Disposable Injector and Cartridge

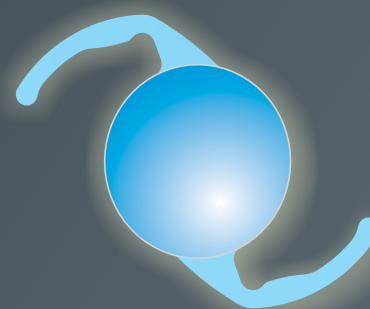
SPHERICAL ABERRATION OF MONOFOCAL IOL



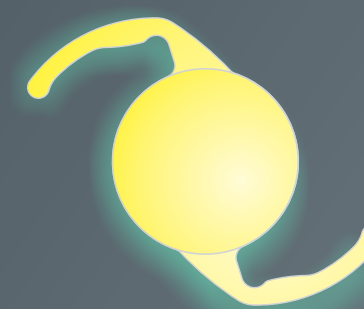
- ✓ Natural Yellow Hydrophilic Acrylic, 26% Water Content with UV filter
- ✓ UA-A (Violet light and dark blue light) filter and allowing healthy blue spectrum light in
- ✓ Powers Available : - 10.0 D to +40.0 D ✓ Better visual acuity and Enhanced contrast even at night mode.
(+10.0 D to +30.0 D in 0.5 D steps -10.0 D to +9.0 D and +31.0 to +40.0 D in 1.0 D Steps)

i-Phob Series

Hydrophobic Aspheric 360°
Square Edge Foldable Intraocular Lens

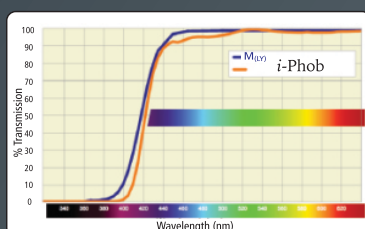


i-Phob



i-Phob+

Model	AHBFS6125SQ	AHBFS6130SQ	AHBFS6125SQY	AHBFS6130SQY
Optic Diameter	6.00 mm	6.00 mm	6.00 mm	6.00 mm
Overall Diameter	12.50 mm	13.00 mm	12.50 mm	13.00 mm
Optic Design	Aspheric (Negative Abberation)	✓	✓	✓
Haptic Design	"C" Design , 0° Angulation	✓	✓	✓
PCO Protection	Continuous 360° Posterior Square Edge	✓	✓	✓
Suggested A. Constant	118.0	✓	✓	✓
Refractive Index @ 25°C	1.4933	✓	✓	✓
Lens Material	UV-Blocking Hydrophobic Acrylic	✓	✓	✓
Yellow Chromophores	NA	NA	✓	✓
Delivery System	Disposable Injector cartridge 2.20 mm to 2.60 mm Incission	✓	✓	✓
Abbe Factor	Higher Abbe number of 55 reduces chromatic abberation	✓	✓	✓
Available Diopters	-5.0 D to +35.0 D (+10.0 D to +30.0 D in 0.5 D steps, -5.0 D to +9.0 D & +31.0 to +35.0 D in 1.0 D Steps)	✓	✓	✓



- Highly Biocompatible Material.
- 360° Square Edge Optics , minimize the chance of PCO.
- Higher Abbe number of 55 reduces chromatic abberation
- Improved functional vision.
- Sterilized by Ethylene Oxide.

Foldable Hydrophobic Yellow Intraocular Lens (Sterile)



Akriti[®]
Simplifying Eye Care

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