

TECHNICAL SPECIFICATIONS

PRODUCT CHARACTERISTICS		MATERIAL CHARACTERISTICS	
Model Number	HP7600	Lens Material	Hydrophobic acrylic
Optic Diameter	6.00mm	UV Absorbing Material	Yes
Overall Length	12.5mm		
A Constant	118.7 (Optical) & 118.4 (Ultrasound)	Refractive Index	1.47
Diopter Range	1.0 D to 30.0 D (1.0 D to 15.0 D in 1.0 D increment and 15.0 D to 30.0 D in 0.5D increment)	Glass Transition Temperature	8°C
Convexity	Biconvex	Tackiness	Good
Angulation	3° Angulation	Shelf life of all hydrophobic models	5 years
Haptics Design	Force Enduring Haptics		
ACD Value	5mm		
Edge	Anterior Round Polished		
Delivery System	Disposal injector and cartridge		
AC28-DI100	2.2 mm (Through wound assisting technique)		
AC28P-PL2	Semi Preloaded Injector		



Information published in this catalogue is subject to change without notification

For a demo or more information on how your patients can benefit from Aurolab products, call at **1800 103 7321** or email us at **info@aurolab.com**

AUROLAB

No.1, Sivagangai Main Road, Veerapanjan, Madurai - 625020, Tamilnadu, India.
 +91 94892 12354 | +91 452 3596100 info@aurolab.com www.aurolab.com

Issue : 10 - 12/2024

Aurovue

Innovative Material, Superior Performance

Hydrophobic Single Piece Foldable IOL



ENGINEERED FOR PERFORMANCE

Aurovue is the first indigenously developed hydrophobic, single-piece foldable IOL. Its well-engineered design and performance meets ISO 11979 standards and is trusted globally by doctors across 160 countries.



- **Optimal refractive index:** With a refractive index of 1.47, Aurovue reduces unwanted light reflections, minimizing glare.
- **Force-enduring haptics:** Aurovue's thicker haptics absorb capsular pressure, ensuring optic stability and reducing risk of decentration.
- **Excellent biocompatibility:** Developed in collaboration with global experts, Aurovue’s material has undergone extensive in vitro and in vivo studies, proving its high biocompatibility.
- **Mechanical strength:** Rigorous testing for compression force and dynamic fatigue confirms Aurovue's resilience, enabling minimally invasive implantation at 2.8 mm incision.
- **Effectively reduces PCO:** Aurovue material exhibits high tackiness in addition to a 3° vault at the optic-haptic junction that greatly enhances adherence to the capsular bag, reducing PCO.
- **Low glass transition temperature:** With a Tg of 8°C, Aurovue material stays flexible, even at low temperatures.



12mm ring



11mm ring



10mm ring

- **Glistening Free:** Ensures higher comfort for patients.
- **Higher Abbe Number 55 :** Enhances color perception as it reduces chromatic aberration, for the patient.
- **Adaptable to varied capsular bag sizes:** The lens unfolds slowly after implantation, easing surgical procedure.

AUROVUE MATERIAL BENEFITS

Feature	Aurovue	Market Standards-1	Market Standards-2
Transmittance	92%	91-92%	92%
Clarity	> 99%	NA	NA
Haze	< 1.5%	NA	NA
ABBE Number	55	37	55
Glistening	Nil	NA	Nil
Tg (°C)	8	15	14
Bio Adhesion	High	High	High
Refractive Index	1.47	1.55	1.47

