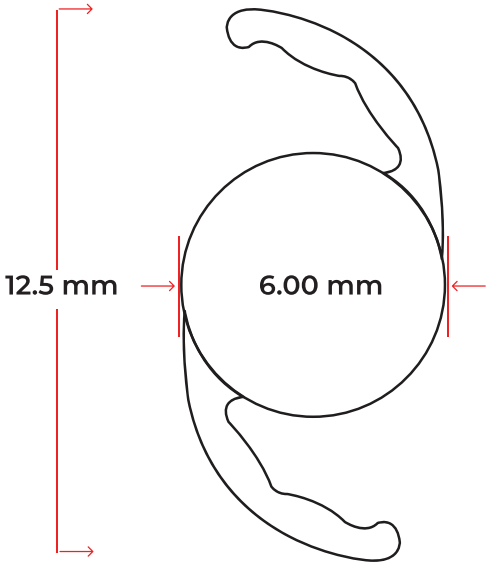


TECHNICAL SPECIFICATIONS

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
Dioptr Range	1.0 D to 15.0 D in 1.0 D increment 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		
Recommended Injector Model	Packed with AC28-DI100   AC28P-PL2		



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 **aurolab@aurolab.com**

**AUROLAB**

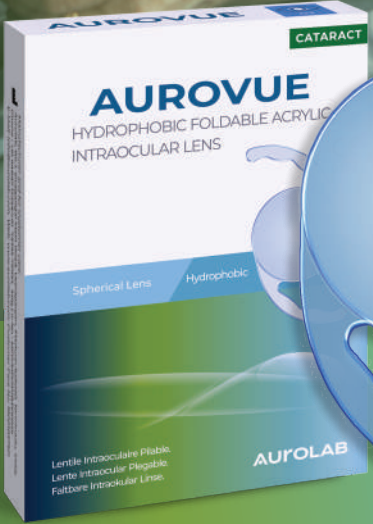
First Floor, No.1, Aurolab SBI Building, Sivagangai Main Road,  
Opp. to TVS Lakshmi School, Veerapanjan, Madurai - 625020, Tamilnadu, India.  
+91 73581 17100    aurolab@aurolab.com    www.aurolab.com

Issue : 01 - 07/2025

# Aurovue

Innovative Material, Superior Performance

Hydrophobic Single Piece Foldable IOL



# ENGINEERED FOR PERFORMANCE

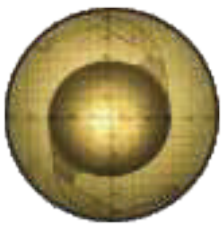
Aurovue is the first indigenously developed hydrophobic, single-piece foldable IOL. Its well-engineered design and performance meets ISO 11979 standards and is trusted globally by doctors across 160 countries.



- **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

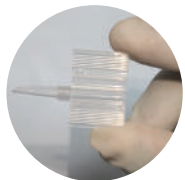


10mm ring

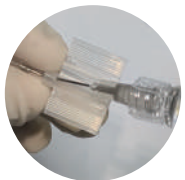
- **Glistening Free:** Ensures higher comfort for patients.
- **Higher Abbe Number 55 :** Enhances color perception as it reduces chromatic aberration, for the patient.
- **Adaptable to varied capsular bag sizes:** The lens unfolds slowly after implantation, easing surgical procedure.

## AUROVUE MATERIAL BENEFITS

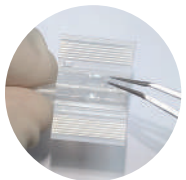
Feature	Aurovue	Market Standards-1	Market Standards-2
Transmittance	92%	91-92%	92%
Clarity	> 99%	NA	NA
Haze	< 1.5%	NA	NA
ABBE Number	55	37	55
Glistening	Nil	NA	Nil
Tg (°C)	8	15	14
Bio Adhesion	High	High	High
Refractive Index	1.47	1.55	1.47



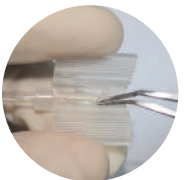
Open the cartridge 180°



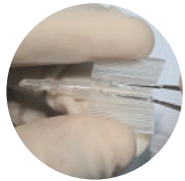
Visc Injection



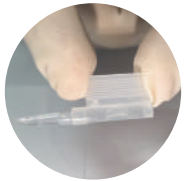
Place the IOL in the groove



Place the trailing haptic beneath the optic



With the help of forceps fold the IOL and close the cartridge



Ensure both the haptics and optic are placed with in the groove



Fix the cartridge to the injector



Gently push the plunger until the lens moves towards the cartridge tip end