



GALAXYFOLD
SUPERPHOB

**"ELLIS
OPHTHALMIC
TECHNOLOGIES
INC, USA"** have
developed & introduced
a new **"SUPERPHOB"**
natural **Yellow**
Chromophore
Hydrophobic acrylic
foldable single piece
IOL

Galaxy Fold - Super Phob

Galaxy Fold Superphob is a single piece hydrophobic acrylic lens manufactured from ultra glistening free proprietary material with excellent compatibility.

Glistening free -The material is free of microvacuoles and glistenings. Glistenings are fluid filled microvacuoles that form within the matrix of the lens when exposed to aqueous environment. High levels of glistenings result in scattering of light and reduced contrast sensitivity.

Natural yellow - Proprietary natural yellow chromophore blocks harmful ultra-violet and blue light which cause

Foldability and Memory - Handling characteristics and unfolding are optimal for placement inside the capsular bag.

Aspheric surface - Negative spherical aberration design on anterior surface improves contrast sensitivity and low light visual acuity compared with spherical IOLs.

Square Edge - 360 degree square edge design reduces the incidence of PCO and YAG capsulotomy rates.

Stability - Dual muscle haptics design ensures perfect centration and stability inside the capsular bag.

Ready to Use Semi-preloaded system.

Technical Specifications

Model Name	Super Phob
Power Range	+0.0 D to +30.0 D (0.5 D increments)
Delivery System Type	Single Use Disposable Semi-preloaded IOL injector system
Incision Size	2.8mm

Aspheric Monofocal IOL	
Material	Single piece hydrophobic acrylic
Water Content	Less than 2%
Light Filtration	UV & Blue light
Spectral Transmission (in air)	10% transmittance at 400 nm (UV) for +20.0 diopter IOL. The Blue light-filtering chromophore reduces transmittance of blue light wavelengths from 67% at 400 nm to 22% at 475 nm
Refractive Index	1.490
Overall Length	13.00 mm
Optic Diameter	6.00 mm
Optic Shape	Equi-Biconvex
Asphericity	Anterior aspheric surface with negative aspheric design
Optic Edge Design	360° square edge
Haptic Angulation	0°
Haptic Style	Dual Muscle haptics

Estimated Constants for Optical Biometry					
SRK/T	Haigis			HofferQ	Holladay
A-constant	a0	a1	a2	pACD	SF
118.8	1.58	0.34	0.25	5.38	1.68

For Contact Ultrasound, the estimated A-constant is 118.0

Please note that the constants indicated for all lenses are estimates and are for guidance purposes only.