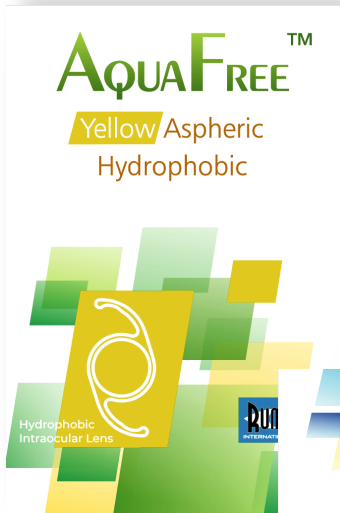


AQUAFREE YELLOW ASPHERIC HYDROPHOBIC & AQUAFREE YELLOW PRELOADED



- Hydrophobic acrylic
- Monofocal
- Negative aspheric
- Natural yellow filter
- Posterior chamber



Preloaded in Medicel Accuject Injector
Implanted through **2.20 mm** incision

**AFFORDABLE
INNOVATIONS**

Highest Standard Material and Technology

- **Low water content** $\leq 0,5\%$
- **Low glass transition temperature** of the material keeps the lens soft even at low temperature of 11°C
- **Glistening-free** due to the lathe-cut manufacturing technology
- **Special surface polishing** – a lens does not stick to itself or to the instruments

Essential Properties

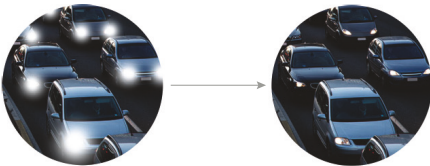
- **360° square edge design** protects from cells migration and secondary cataract development
- **0° angulation** reduces the risk of secondary cataract and enables easy loading into the cartridge
- **UV and Blue Light blocking** – better protection of macula

Easy Implantation

- Implantation through less than 2.2 mm incision – **fast recovery**
- **Optimal folding and unfolding ability** – easy to inject
- **Preloaded option** (AquaFree Yellow Preloaded) guarantees predictable IOL injection within less than 5 seconds

Exceptional Visual Acuity

- **Natural Yellow filter** enables color perception and contrast sensitivity equivalent to the natural lens
- **Negative aspheric** design compensates the positive spherical aberrations of cornea and provides enhanced visual acuity especially in dim light
- **High Abbe number of 50** contributes to clear vision without chromatic aberration – minimized glare and unwanted images:



Specification

	AquaFree Yellow Aspheric Hydrophobic	AquaFree Yellow Preloaded
Min. incision size	2.2 mm	
Overall diameter	13.0 mm	
Optic diameter	6.0 mm	
Power range	0D to +9D (1D steps) +10D to +30D (0.5D steps)	
Self-unfolding	Yes	
Water content	<0.5%	
Angulation	0°	
Material	Natural Yellow Hydrophobic Acrylic	
Optic design	Biconvex, 360° square edge	
Refractive index	1.5	
Abbe number	50	
Nominal A-constant	118.7	
Transition temp. of material	11°C	
Filtration	UV and Blue Light (400-475 nm)	
AC-depth	5.51	
Shelf life	5 years	

Optimized optical constants

Haigis: HofferQ: Holl.1:

a0	a1	a2	pACD	sf	SRK/T	SRK II	n	Ref.
1.32	0.40	0.10	5.51	1.75	118.9	119.2	190	[304], [332]

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