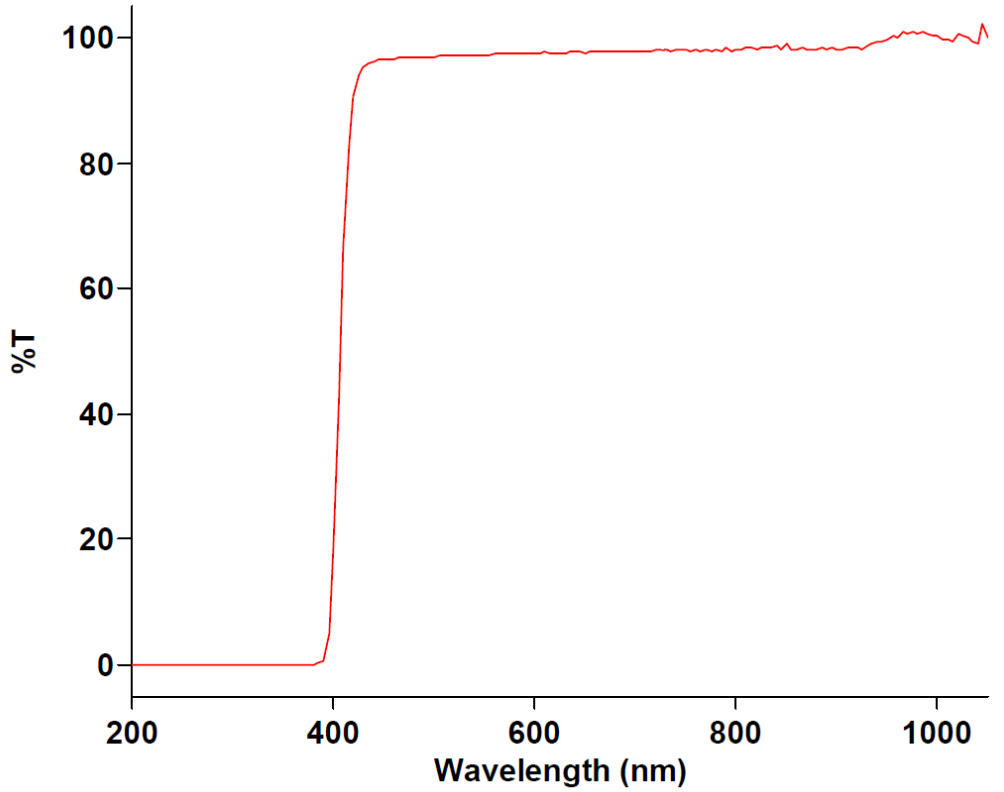
Summary

1. Type of polymer

MADE IN ITALY hydrophobic acrylic copolimer developed in our factory.
It contains 1% of H_2O.
UV filter for protection up to 400 nm.
Unfolding time: 20 sec
Refraction index: 1.516 @589nm (36°C)



1. Type of polymer

TABLE 1 Physical properties of IOL material classes.

Material	Eq. Hygroscopy (%)	T_g (°C)
PMMA	0.4–0.8	105–113
Silicone	0.38	(–120)–(–90)
Hydrophilic acrylics	18–38	10–20
Hydrophobic acrylics	0.1–0.5	5–16
Standard new hydrophobic acrylics (approx. values)	4–5	27–29

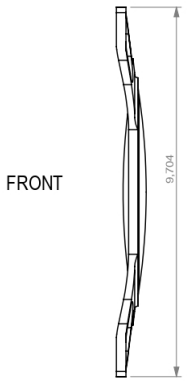
Current Eye Research, 2015; 40(10): 969–981

Water content: 1%
Tg: 12°C ± 2°C

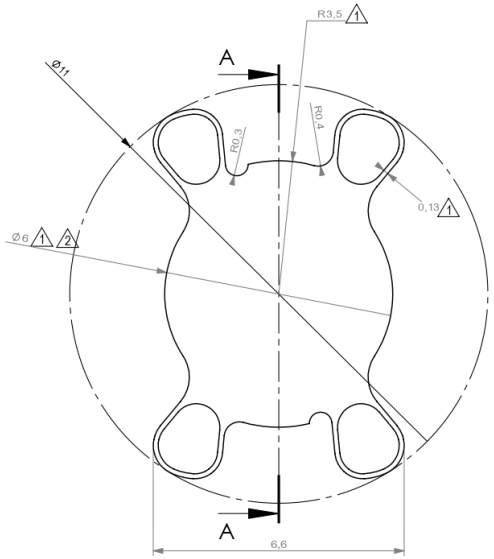
2. Description of the IOL

Hydrophobic aspheric monofocal intraocular lens, with **four points support** for maximum stability and ease of insertion.
This IOL is preloaded in a 2.2 mm Medicel disposable injector.
It facilitates cataract surgery by eliminating the steps of handling and loading the lens in the cartridge time saving and lower risk profile.

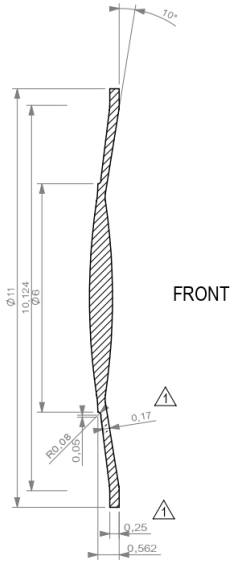
SIDE VIEW



FRONT VIEW

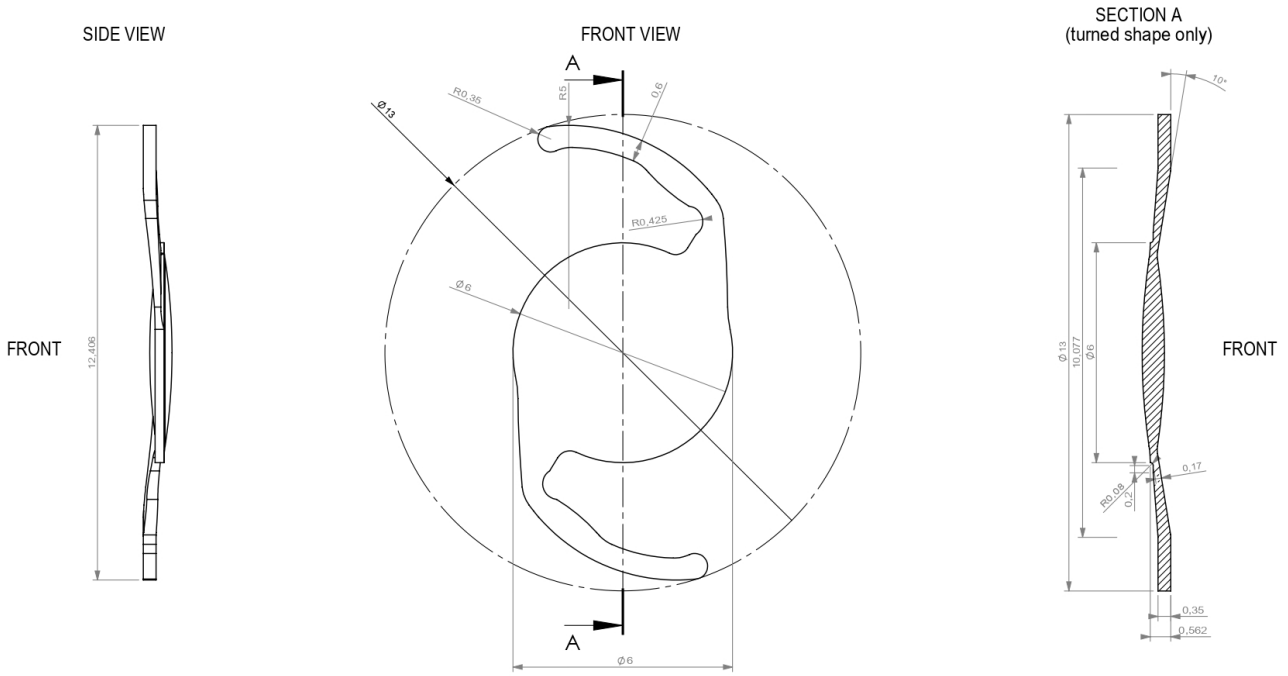


SECTION A
(turned shape only)



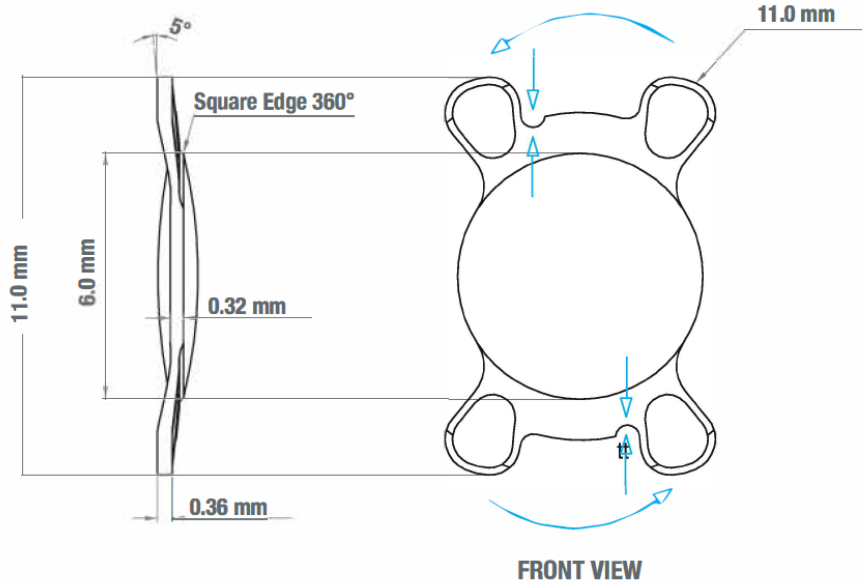
2. Description of the IOL

Aspheric hydrophobic monofocal intraocular lens with a proven **C-loop** design. The shape of the two positioning loops, paired with the elastic characteristics of the material, facilitates the precise self-centuring of the lens, the automatic adaptation to different diameters of the capsular bag and reduces the P.C.O.
Preloaded IOL in a Medicel Accuject 2.2 injection system.



3. Technical sheet

Optic diameter	6.0 mm
Total diameter	11.0 mm
Haptic angulation	5°
Refractive index	1,522 (546 nm – 20° C)
Diopter range	from -5.00 D to +30.00 D (step 0.5 D)
Optic design	Asferical
Recommended A costant	119.9



3. Technical sheet

Optic diameter	6.0 mm
Total diameter	13.0 mm
Haptic angulation	5°
Refractive index	1,522 (546 nm – 20° C)
Diopter range	from -5.00 D to +30.00 D (step 0.5 D)
Optic design	Asferical
Recommended A costant	119.9