

Pretty
Eyes®



box of 3 monthly contact lenses

HydroSi 100

high oxygen
transmissibility and
aberration control patent

The cornea requires oxygen to be healthy. Silicone is a highly gas-permeable material as it allows the free flow of oxygen through the lens. As the cornea gets sufficient oxygen, its epithelium stays strong and safe. Low water content helps to keep debris from adhering to the lens surface, greatly reducing the likelihood of microbial infection. HydroSi100 is a silicone hydrogel lens combining soft and moist lens material, balanced water content, low modulus and medium DK/t. The special geometry of the lens compensates both for aberration caused by the lens flexure on the eye and for natural aberrations.

Advantages

- + Aberration control geometry
- + Low water content to prevent dryness sensation
- + High oxygen transmissibility
- + Low modulus that makes the lens softer and more comfortable
- + Lens immersed in hyaluronic acid buffered saline solution, with wetting and lubricant properties, for a better fitting and increased comfort, especially during the first hours of wear
- + No surface treatment

Technical file

Material	Innofilcon A with UV absorber
Water content	45%
Diameter	14.2 mm
Base curve	8.6 mm
Geometry	Aspheric
Central thickness at -3.00Dt	0.06 mm
Modulus	0.8 Mpa
DK/t	100
Power range	+8.00Dt ~ -12.00Dt (from +8.00 to +6.50 and from -6.50 to -12.00 in 0.50 step; from +6.00 to -6.00 in 0.25 step)