



Fitting Guide

PATIENT SELECTION:

The SaturEyes (Hioxifilcon A) lens is an excellent choice for general contact lens fitting. It is especially well suited for patients who perform intensive near task, such as computer work, or for patients exposed to dry environments.

LENS PARAMETERS AVAILABLE:

SaturEyes Spherical

(clear & light blue)
Base Curve: 8.1mm, 8.4mm & 8.7mm
Power: -10.00 D to +10.00 D
Diameter: 14.2mm

SaturEyes Toric

(clear & light blue)
Base Curve: 8.4mm and 8.7mm
Power: -10.00 D to +5.00 D
Cylinder: -0.75 D to -4.00 D
Diameter: 14.2mm
Axis: 5 to 180 degrees in 5 degree steps

FITTING SYSTEM

Preliminary examinations should include the patients refraction, keratometric readings, and biomicroscopy of the anterior segment. Lens parameters can be determined from the (K) readings. It is suggested that the patient be fitted closer to original K reading than one would usually fit the patient. The SaturEyes lens will equilibrate faster with less change between the dry and the wet radius of curvature (BC). SaturEyes is fit steeper than traditional soft lenses because the water retention level keeps it from steepening on the cornea in contrast to other materials that tighten as they *dehydrate*.

From 42.25 & flatter	use the 8.7 Base Curve - 14.2 mm Diameter
From 42.50 to 45.00	use the 8.4 Base Curve - 14.2 mm Diameter
From 45.25 & steeper	use the 8.1 Base Curve - 14.2 mm Diameter

LENS PHYSICAL PROPERTIES

Refractive Index:	1.515 (dry)	1.404 (hydrated)
Light Transmission:	greater than 95% T	
Water Content:	55%	
Specific Gravity:	1.308 (dry)	1.136 (hydrated)
Oxygen Permeability:	DK = 20 X 10 ⁻¹¹ (cm ² /sec) (ml O ₂ /ml X mm Hg @ 35° C)	

Since Hioxifilcon A is a *nonionic* polymer , it possesses a high water retention ability and resistance to protein deposits.

Always Ahead of the Curve



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