



Hydrocyl Design

FEATURES

- dynamic stabilisation using differential thinning
- back surface toric for maximum stability
- prism free ultra-thin optic zone
- inferior lid interaction to provide stable orientation
- thin tapered uniform edge profile
- lathe cut
- visibility tints available
- available in a range of pastel tints
- opaque tints available 67% only

BENEFITS

- large parameter range
- every prescription optimised for handling characteristics and oxygen transmissibility
- computer controlled lathes ensuring excellent reproducibility

A high quality range of prescription Soft Torics, available in a choice of materials

Product Specification

Material	Based on Rx
Water Content	Based on Rx
Permeability (Dk)	Based on Rx
Base Curve (mm)	6.60 to 10.40 (0.20 steps)
Diameter (mm)	11.00 to 20.00 (0.50 steps)

Available Base Curves and Diameters are restricted by material
Please refer to our Material Parameters sheet for available sizes

Power Range	-30.00D to +30.00D (0.25D steps) <small>Higher powers may be available</small>
Centre Thickness	Based on Rx
Cyl Powers	-6.00DC to -0.75DC (0.25DC steps)
Axis Direction	5° to 180° (5° steps)

Available to Order as	Hydrocyl 38 Hydrocyl GMA Hydrocyl 60 Hydrocyl 67 Hydrocyl SiH
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FITTING PROCEDURE

- Full refraction and eye examination
- Keratometry
- Select diameter required 2-3mm larger than HVID
- Contact Cantor & Nissel to provide 'K' readings, spectacle Rx, BVD and diameter required

Good Fit

- Comfortable
- Good centration with full coverage of limbus, even in upward gaze
- Adequate smooth movement in all directions of gaze
- Good recovery on push-up test
- Carry out over-refraction and order exchange lens if required



Primary Position



Nasal Position

Flat Fit

- May give poor centration
- May give unstable vision
- Can cause discomfort
- Try steeper Base Curve (if available)
- Over-refraction



Primary Position



Nasal Position

Steep Fit

- Displays inadequate or no movement
- Resists push up test with lower lid
- Can cause blanching
- Lens removal may be difficult
- Try flatter Base Curve (if available)
- Over-refraction

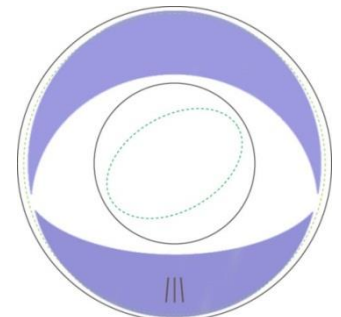


Primary Position



Nasal Position

Toric markings on the inferior part of the lens 15° apart; central line should sit at 6 o'clock. Any deviation of lines should be noted when checking the fit of the lens and reported with over-refraction (if any) to Cantor & Nissel who will assist with an exchange lens order.



Recommended care system is Quattro multipurpose solution by Abatron. Hydrogen peroxide or other multipurpose systems can be used on these lenses. Please refer to our Pastel Tints sheet for recommendations for tinted lenses.

For any further technical advice please do not hesitate to call our Professional Services Team 01280 702002 Option 2