

HYDROLENS

A SOFT LENS FOR EVERY DAY WEAR

PRODUCT SPECIFICATION

Features

- Spherical blended bi-curve front surface
- Spherical blended bi-curve back surface
- Lathe cut
- Excellent reproducibility
- Range of materials available
- Large specification range available

Extras Available

- Handling Tints
- Pastel Tints
- Opaque tints on 67% material
- Black pupils
- EV Aberration controlled surface

Can Help with the Following Conditions

- Band Keratopathy
- Bells Palsy
- Chemical Burns
- Post Graft
- Entropion
- Epithelial Basement Membrane Dystrophy (EBMD)
- Filamentary Keratopathy
- Meesmann's Dystrophy
- Recurrent Corneal Erosion Syndrome
- Superior Limbic Keratoconjunctivitis (SLK)
- Eyelash Misdirection
- Trichiasis/Pseudotrichiasis/Distachiasis/Metaplastic Lashes/Trichotillomania




With Black Pupil

- Amblyopia
- Improve Cosmesis
- Congenital Defects
- Diplopia

Material	Based on Rx
Water Content	Based on Rx
Permeability (Dk)	Based on Rx
Base Curve (mm)	6.60 to 10.40 (0.10 steps)
Diameter (mm)	11.00 to 20.00 (0.50 steps)
Power Range	-30.00D to +30.00D (0.25D steps) Higher Powers may be available
Available Base Curves and Diameters are restricted by material Please refer to our Material Parameters sheet for available sizes	
Centre Thickness	Based on Rx
Available to Order as	Hydrolens 38 Hydrolens GMA Hydrolens 60 Hydrolens 67 Hydrolens SiH Hydrolens 77

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FITTING PROCEDURE

- Full refraction and eye examination
- Keratometry

Lens Selection

- Select diameter 2-3mm larger than HVID
- Select base curve based on K readings

Lens Diameter (mm)	Steep K's $\leq 7.75\text{mm}$	Average K's $7.80\text{mm} - 8.35\text{mm}$	Flat K's ≥ 8.40
	Order base curve flatter than flattest K by (mm):		
13.00 & 13.50	0.7	0.3	0.2
14.00 & 14.50	1.1	0.7	0.6
15.00 & 15.50	1.5	1.1	1.0

- Order power calculated from spectacle Rx and adjusted for BVD. Please contact us if help is needed with conversions or with toric prescriptions, or for parameters outside of the above range.

Lens Fit

- Insert lens and allow to settle for 30 minutes

Characteristic	Good Fit	Steep Fit	Flat Fit
Comfort	Good	Good initially	Poor
Centration	Good	Often good	Often poor
Coverage	Full limbal coverage in all directions of gaze	Often good	Poor
Edge	Good	May cause conjunctival indentation/blanching	Edge stand-off/fluting
Movement with blink	Good	Inadequate- None	Excessive
Push up test	Easily moved/recentres	Difficult to displace/slow recentration	Easily moved/poor recentration

- Carry out an over-refraction and order an exchange lens if required.

Lens Modality

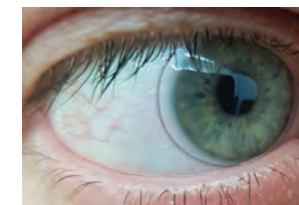
This is a lathe cut daily wear lens which is designed to last up to 12 months. The lenses may need to be replaced more frequently due to the patients wear and care, this is at the discretion of the practitioner.

Care Guidelines

The recommended care system is Oté Twins Active multipurpose solution. Hydrogen peroxide systems and other multipurpose systems may be used. *Please refer to our Pastel Tints sheet for recommendations for tinted lenses.*



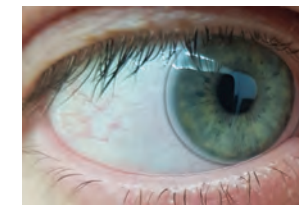
Good Fit – Primary position



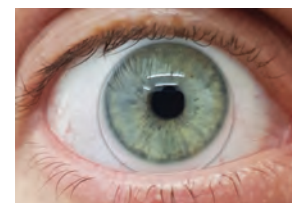
Good Fit – Nasal position



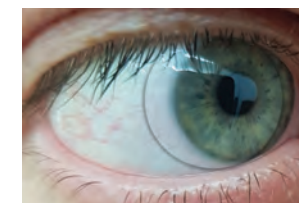
Steep Fit – Primary position



Steep Fit – Nasal position



Flat Fit – Primary position



Flat Fit – Nasal position