

CANTOR PROSTHETIC

(INCLUDING THE CANTOR OCCLUSIVE)

A HIGH QUALITY SOFT DAILY WEAR CONTACT LENS FOR PROSTHETIC USE

PRODUCT SPECIFICATION

Features

Improves cosmesis/prosthesis
Spherical and Toric designs
20 colours available
Clear backed lens allows natural Iris to show through
Black backed lens provides total occlusion of natural iris and light
Lathe cut
Patented chemistry
Near photographic quality iris detail
Available as a clear lens with Occlusive Pupil (Cantor Occlusive)
Available with a pinhole pupil
Fitting lenses available
Thinner lens design
Guaranteed reproducibility
Colour swatch available

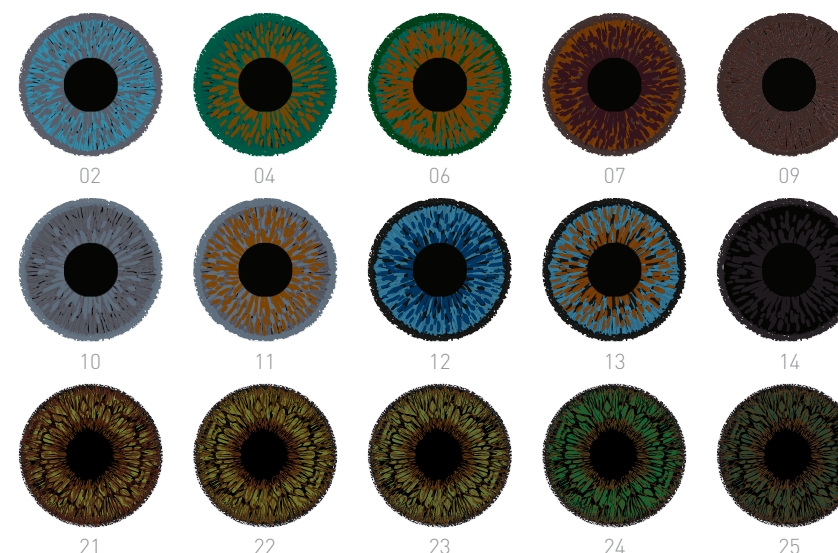
Can help with the following conditions

- Albinism
- Aniridia
- Amblyopia
- Corneal Scarring
- Coloboma
- Congenital Defects
- Diplopia
- Traumatic Iridoplegia

Material						Contamac Filcon I 1 Contaflex										
Water Content						38%										
Permeability (Dk)						7.9 x 10 ⁻¹¹										
Base Curve mm	8.0	8.1	8.2	8.3	8.4	8.5	8.6	8.7	8.8	8.9	9.0	9.1	9.2	9.3	9.4	
Diameter mm						13.0	13.5	14.0	14.5	15.0						
Power Range 0.25D steps						-30.00D to +30.00D, Higher powers may be available										
Cyl Powers						-6.00DC to -0.75DC (0.25DC steps)										
Axis Powers						5° to 180° (5° steps)										
Centre thickness mm						@ 14.5mm -3.00 = 0.12										
Open Pupil Diameter mm						2.50			3.50			4.50				
Closed Pupil Diameter mm						2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50		
Pinhole Pupil Aperture mm						1.50		2.00		2.50		3.00		3.50		
Visible Iris Diameter mm						11.50		12.00		12.50		13.00				
Cantor Occlusive Pupil Diameters mm						3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.0	
						9.00		10.00		11.00		12.00				

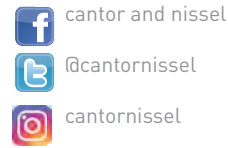
CANTOR PROSTHETIC COLOUR CHART

Images depict black backed lenses with closed pupils and are intended for representation purposes only
Check swatch for a closer colour representation.



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FITTING PROCEDURE

- Full refraction and eye examination
- Keratometry

There is no credit or exchange facility with these lenses so clear trial lenses should be ordered to assess fit and vision (if a sighted eye)

LENS SELECTION

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

Lens Diameter (mm)	Steep K's <7.70mm	Average K's 7.80mm – 8.35mm	Flat K's >8.35
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	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.

LENS FIT

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	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

- If base curve or diameter needs to be adjusted then we would suggest ordering another set of fitting lenses with the adjusted parameters. Up to two fitting lenses will be supplied at no charge.
- Over refract
- If happy with the fit then use the colour swatches to find the closest colour match.
- Measure pupil diameter in average illumination.
- Measure iris diameter.
- Order lenses giving the following information; Base curve, diameter, power, iris diameter, pupil diameter, clear/open pupil (O) or black/closed (C) pupil, colour number, clear backing (C) or black backing (B).

CARE GUIDELINES

The recommended care system is Abatron Quattro or Oté Twins Active, both of which are multipurpose solutions. Hydrogen Peroxide systems MUST NOT be used. The use of barrel cases should be avoided.

The patient should be advised that extra care must be taken when handling this lens type. Ensuring that the lens is not inside out, it should be placed on the palm of the hand and rubbed using their index finger. The patient should ensure that they do not rub the lens aggressively, only a small amount of pressure should be applied to the lens. If too much pressure is applied, the lens will curl and then pop back to its normal shape, this must be avoided

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.