



Cantor Prosthetic

(including the Cantor Occlusive)

A high quality soft daily wear contact lens for prosthetic use

FEATURES

- spherical or toric designs
- 10 colours available
- clear backed lens allows natural iris to show through
- black backed lens occludes natural iris and light
- lathe cut
- patented chemistry
- smooth front surface
- near photographic quality iris detail
- available as a clear lens with occlusive pupil (Cantor Occlusive)
- available with pinhole pupil


BENEFITS

- thinner lens design
- guaranteed reproducibility
- can disguise:
 - corneal scars
 - congenital coloboma
 - aniridia
 - traumatic iridoplegia
- open or closed pupil
- comfortable fit
- pinhole pupil now allows an open pupil less than 4.50mm

When ordering please state the colour followed by the type of lens required.

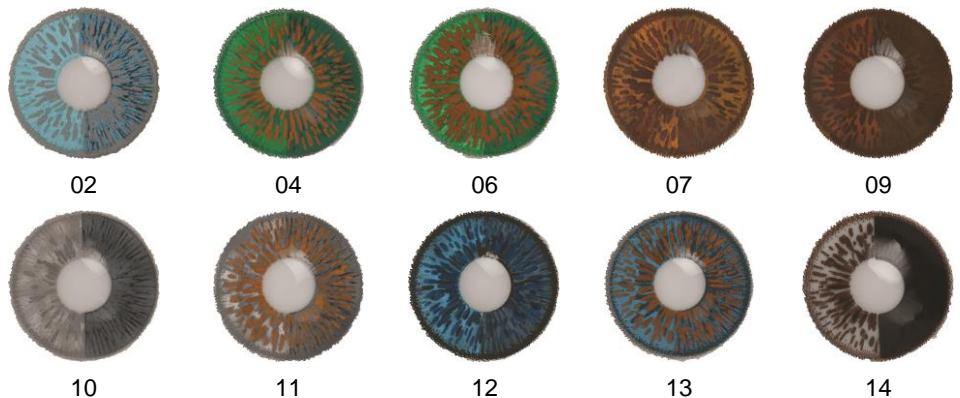
- BO black backed / open pupil
 BC black backed / closed pupil
 CO clear backed / open pupil
 CC clear backed / closed pupil

Product Specification

Material	 Filcon I 1 Contaflex
Water Content	38%
Permeability (Dk)	7.9×10^{-11}
Base Curve (mm)	8.00, 8.20, 8.40, 8.60 8.80, 9.00, 9.20, 9.40
Diameter (mm)	13.00, 13.50, 14.00 14.50, 15.00
Power Range	-30.00D to +30.00D (0.25D steps) 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)	@ 14.50mm -3.00 = 0.12
Clear / Open Pupil Diameter (mm)	4.50
Black / Closed Pupil Diameter (mm)	3.50, 4.00, 4.50, 5.00
Visible Iris Diameter (mm)	12.00
Cantor Occlusive Pupil Diameters (mm)	3.50, 4.00, 4.50, 5.00, 5.50, 6.00 6.50, 7.00, 7.50, 8.00, 8.50, 9.00 10.00, 11.00, 12.00

Cantor Prosthetic Colour Chart

Images depict clear and black backed lenses with open pupils and are intended for representational purposes only



FITTING PROCEDURE

- Full refraction and eye examination
- Keratometry
- Select diameter required 2-3mm larger than HVID
- Select Base Curve according to corneal curvature, but with a flattening differential relative to the diameter of the lens shown below:

Lens Diameter	Order base curve flatter than flattest K by:
12.50mm	0.30mm – 0.40mm
13.00mm	0.40mm – 0.60mm
13.50mm	0.60mm – 0.80mm
14.00mm	0.80mm – 1.00mm
14.50mm and 15.00mm	1.00mm – 1.20mm

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

Recommended care system is Quattro multipurpose solution by Abatrol, Hydrogen peroxide systems MUST NOT be used. Please also avoid the use of barrel cases.

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