

SCL HAND PAINTED CONTACT LENSES

Exclusively for CANTOR + NISSEL



Material: Cantor and Nissel 74% water content lenses are used. About 10% oxygen permeability is lost due to the opaquing.

Fitting and Parameters: Virtually any powers or parameters are available including toric lenses. Lenses can be made up to 22.00mm. in diameter and can be stabilised if it is required to offset the iris or if a non-radially symmetrical effect is required.

Trial Lenses: Although trial lenses will not normally be required, they can be supplied and are recommended for high powers and toric or other stabilised lenses. These trial lenses are usually supplied opaqued, and therefore iris and pupil diameters are required when ordering.

Colour Details: The preferred method of ordering lenses is by the use of digital images which may be e-mailed or sent on disk. Images for single therapeutic lenses should be of both eyes. Colour matching strips are available which may be included in the image in order that we may compensate for any change in colour.

Photographs, iris buttons, prostheses or artwork can also be copied. 3 3

Opaquing: Because the colours that are used (on the front surface of the lens) are transparent, it is usually necessary to precipitate a white salt into the lens matrix for them to be effective.

It is sometimes possible to use lenses with no opaque when fitting totally white corneas.

Fading of colours is not usually a problem with these lenses but there is a small percentage of patients whose tears may remove the opacity from the lens. If this does happen the lenses can be re-opaqued for a nominal charge, but it is possible that the problem will recur. A thicker lens may reduce the loss of the opaque material.

Clear Pupils: Clear pupils are available in any diameter (in 0.5mm steps). Because the opaque is distributed throughout the thickness of the lens, there may be some glare associated when very small pupils are requested (particularly with high plus prescriptions). This may be resolved by adding a small black annulus around the pupil and this may also improve cosmesis. Clear pupils of less than 4.5mm. diameter may interfere with peripheral vision.

Black Pupils: Occlusive black pupils are available in any diameter (in 0.5mm steps). As the pupil is on the front of the lens, if used solely for occlusion, a larger than expected diameter may be required. If this is not cosmetically acceptable, it is possible to paint an opaqued „patch“, matching the iris, around a smaller black pupil to achieve occlusion.

Colour Adjustments: Although every effort is made to be accurate, it is not always possible to reproduce exactly the required colour. If a colour is not acceptable, the lens may be returned and we will attempt to adjust it. If possible, an image of the patient wearing the lens is a great help.

Reproducibility: Each lens is individually produced and we cannot guarantee exact duplication. When ordering a repeat lens it is always best to return the old lens if possible, even if it is damaged.

It is possible to create a digital image of the lens and this can be of use when re-ordering lenses. A copy of the image is retained on disk at the studio and a copy is sent to the practitioner. By using the reference number included with the digital image when re-ordering, we are able to access all the details of the lens. A charge is made for this service which covers any subsequent digital images of lens adjustments.

Delivery: *Lenses are normally despatched 14-21 days from receipt of order. It is sometimes possible to make lenses more quickly; however, these “rush” orders attract a surcharge of 30%*

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