

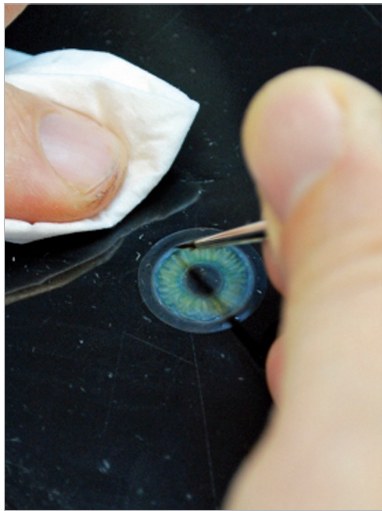
SCL Hand Painted Soft Lenses

Hand painted soft lenses for the medical and special effects sectors, exclusively from No7 Contact Lenses.

Introducing outstanding SCL hand painted soft contact lenses from No7 Contact Lenses.

Utilising advanced lens designs and manufacturing processes, these high water content lenses meet the demands of today's medical and film, TV and photographic sectors, and can be hand painted to create a variety of colour-matched prosthetic or special effect lenses.

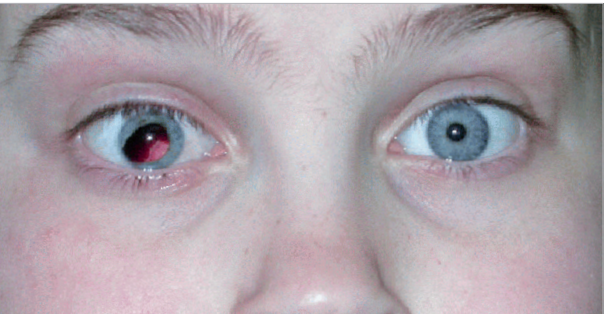
Explore this brochure for more about these exceptional lenses - only available from contact lens practitioners.



Before



After

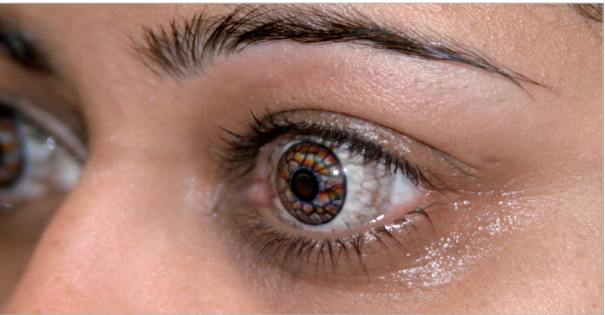


Before



After

Special effect lenses



Designed for Success

Adjusting colours

SCL aims for exact colour matches every time, but sometimes it's simply not possible to accurately reproduce a required colour. If the colour achieved isn't acceptable, please return the lens for possible further adjustments. These are easier if you supply an image of the patient wearing the lens.

Duplicating lenses

Each SCL lens is individually crafted, so exact duplication can never be guaranteed. If you require a repeat lens, please return the old lens if possible, even if damaged.

For an additional fee, SCL can create a digital image of the lens requiring duplication and send a copy to the practitioner. This enables full lens specifications to be accessed on repeat orders and for any subsequent lens adjustments, optimising the chances of exact duplication.

Fast and express delivery

Lenses are normally despatched within 14 to 21 days on order receipt. For faster turnarounds, please contact us about our express service, available for a 30% surcharge.



Before



After

The Next Step

For more information about SCL hand painted soft contact lenses or to place an order, please contact No7 Contact Lenses on:

T: 01424 850620
E: info@no7contactlenses.com

SCL
HAND PAINTED
CONTACT LENSES

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7 No7 Contact Lenses
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SCL Hand Painted Soft Contact Lenses

Available exclusively from No7 Contact Lenses

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Lens Materials, Parameters and Customisable Features

Materials

SCL hand painted lenses utilise 77% water content lenses manufactured by No7 Contact Lenses.

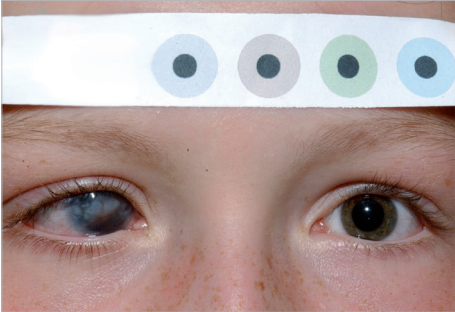
- Opaquing lenses results in an approximate 10% loss of oxygen permeability.

Fitting and Parameters

Lenses come in almost any power or parameter, including toric lenses and diameters of up to 22.00mm. Lenses can be stabilised to offset the iris or produce non-radially symmetrical effects.

Ordering and Colours

Please place orders by sending us digital images by email or on disc, providing images of both eyes for single prosthetic lenses. Photo prints, iris buttons, prostheses and artwork are also acceptable. It is recommended that colour matching strips are included in the image to allow for digital adjustment if necessary. Lenses can be returned for adjustment if required.



Trial Lenses

Trial lenses are supplied and recommended for high powers, toric and other stabilised lenses, and patients with irregular corneas. Lenses are usually opaqued and require iris and pupil diameters when ordering.

Opaquing

To ensure effective opaquing, an inert white salt is introduced into the lens matrix. Although fading is rare, some patients’ tear chemistry may remove opacity and lenses may occasionally need re-opaquing*. The problem may recur after re-opaquing and may only be permanently resolved with thicker lenses that reduce opacity loss. Non-opaque lenses may sometimes be used when fitting totally white corneas.

Clear pupils

Clear pupils are available in any diameter in 0.5mm steps, although diameters under 4.5mm may impact peripheral vision. As opaque is distributed through a lens thickness, some glare may occur with small pupils, especially with high plus prescriptions. Adding a black annulus around the pupil can rectify this and improve cosmesis.

Black pupils

Occlusive black pupils are offered in any diameter in 0.5mm steps. Pupils used solely for occlusion may require large diameters. Alternatively, an opaqued ‘patch’ matching the iris can be painted around a smaller black pupil.

* Re-opaquing for a small additional fee

Offset Cosmetic Soft Lenses

Opaque lenses for masking divergent or convergent eyes.

Large opaque cosmetic 77% hydrophilic contact lenses offer an effective way to mask divergent or convergent eyes (strabismus). Each stabilised lens has an eccentric hand painted iris and sclera that simulate a straight eye.

Fitting

Opaque* lenses with diameters of up to 22.00mm are initially supplied on loan. Each is dynamically stabilised with thin zones at the top and bottom and marked with dots at the top and geometrical centre (DATAC).

DATAC lenses should settle for at least 30 minutes after fitting. You should then check the fit and raise the upper lid to measure the angle of rotation of the top dot — this should normally sit within 30° of the vertical. Then, measure the required position of the black pupil centre from the lens centre.

Fitting Example

When a lens rotates 30° left anti-clockwise and black pupil centre is required at 2mm right and 1mm above lens centre.

Any iris or pupil diameter can be supplied, although lateral displacement is limited by iris and lens diameters:

Maximum displacement =
$$\frac{(\text{lens diameter}) - (\text{iris diameter})}{2}$$

Maximum displacement of a 12mm. iris on an 18mm. lens is 3mm. If iris is also vertically displaced, maximum lateral displacement is reduced further.

* Non-opaqued DATAC lenses are available when offset irises with no scleral details are required.

Special Effect Lenses

SCL supply lenses for special effect uses in the film, TV and photographic sectors.



Marvel's Thor: The Dark World. Heimdall (Idris Elba) - Marvel Studios ©. All Rights Reserved.



Before



After

This lens stabilisation system allows for the supply of prosthetic lenses to cover a segment of iris where only part of the eye is disfigured, such as coloboma, as well as special effect lenses with non-radially symmetrical designs.

Naturals Lenses

Lathe-cut lenses with realistic opaque prints

Manufactured using No7 77% water content lenses, SCL Naturals come in a choice of realistic opaque prints with clear or occlusive black pupils. The lathe-cut lenses are also available in a wide range of powers, including torics, and can be produced to almost any parameter, although the standard parameters are 8.80mm base curve and 14.50mm diameter. Naturals are also offered in iris diameters of 11.50mm or 12.50mm, clear pupil diameters of 4.50mm, and black pupil diameters of 3.5mm to 7.00mm in 0.5mm steps.

- Ideal for therapeutic cosmetic applications, especially for matching very dark eyes and pairs of lenses
- Available in seven colours

