

Reflex Prosthetics

Fitting Guides



Hand Painted | Printed | Tinted

Reflex Tints

Fitting Guide

Indications

- Patients who only need to mask a mild disfigurement
- Patients or ECPs seeking a cost effective colour match option
- Patients who require visual correction in the fellow eye
- Patients or ECPs needing quick delivery

What are Reflex Tints?

Simple to fit, low cost and available in a range of solid colours, Reflex Tints are the perfect choice for patients who need to mask a mild disfigurement but do not require the intricate detail provided by a hand painted or printed lens. Versatile by design, you can order Reflex Tints in a variety of iris and pupil diameters, clear or black pupils and a light, medium or dark tint.

5 simple steps to selecting your tint



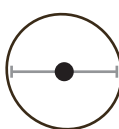
Choose a
Reflex design



Choose an
Iris Colour



Select Tint
Density



Choose pupil
and iris diameter



Select a clear or
black pupil

Material	Hydrogel - 77% water content
Colour and Tint Density*	Grey: light, dark Blue: light, medium, dark Green: light, medium, dark Brown: light, medium, dark
Iris Diameter	8.5mm to 16mm in 0.5mm steps
Clear Pupil Diameter	1.5mm to 7mm in 0.5mm steps
Black Pupil Diameter	1.5mm to 8mm in 0.5mm steps

*Please ask us if you have other colour tint requirements.



Reflex Colours

Infinite colour combinations
with patented printing
technology

Indications

- Scarred or damaged corneas
- Iris defects
- Cosmetic occlusion for white pupil
- Patients who need refractive correction

With infinite possible colour combinations Reflex Colours is the first choice for practitioners looking to create a truly accurate match for patients with damaged or diseased eyes.

There are many reasons why a patient's eyes may differ from one another. No7 Contact Lenses provides custom-printed contact lenses to aesthetically match dissimilar appearing eyes, closely simulating the patterns and colours of the natural eye.

Important information

- The standard delivery time for Reflex Colours is 2-3 weeks
- To ensure the correct lens is supplied, please always ensure you specify the required colours in the correct order from cornea out to lid
- Although our best efforts will be made, No7 cannot guarantee a colour match to coloured lenses from other suppliers
- Final colour lenses can only be supplied in a 55% water, Hydrogel material

Help and support

Whether you need help placing an order, advice with building a colour or guidance using our Colour Palette set, Kevin and his friendly team are here to help.

Call or email using the details below and ask for the Reflex Prosthetics Support team:

Tel: 01424 850620

WhatsApp: Reflex Colours

Email: reflex.prosthetics@no7contactlenses.com

Kevin Rose
Reflex Colours Team Leader



Fitting Guide

For best results, use our unique Reflex Colours Palette set to match and order your lens

How to order

1. Choose your lens design and specification from our Reflex Custom Soft range (see back page)
2. Decide whether you need an occlusion
3. Select your underprint
4. Specify tints and/or limbal ring and/or starburst underprints
5. Once you are happy with the colour, order the Reflex Colour lens to the patient's specification

Occluder

If an occluder is required for light sensitivity it must be noted at the time of the order. The underprints in the Reflex Colours palette set are to support colour selection only and do not provide sufficient light blocking for total occlusion.

Occluded lenses will be manufactured with a black pupil.

Ensure orders are placed in sequence, with the tint closest to the cornea listed first

Total occlusion must be specified at the point of order if required

U1



U2



U3



U4



Prosthetic lens underprint selection

Most prosthetic contact lens fits require an underprint to hide scarring (such as a white cornea). The standard size of the diagnostic lens is 12.25mm iris diameter with a 5.00mm clear pupil.

The final lens colour will be the result of an iris pattern layered on top or 'piggy backing' the underprint. In order to accurately evaluate the colour combination of iris pattern and underprint, it is necessary to use the Reflex Colours Palette.

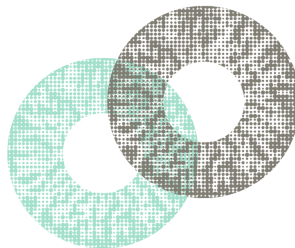
When creating colours, a light underprint such as **U3** is best for light coloured eyes (blues and greens). A dark underprint, such as **U1** is best for dark coloured eyes (brown)

Iris colour selection

With our unique Reflex Colours Palette and Colour Diagnostic Tool (Dome), iris colours can be layered to create a custom design. The standard series of colours is best suited for prosthetics and light coloured eyes. The 'X' series should be used for fitting darker eyes.

Iris colours can be designed or 'built' using the Colour Diagnostic Tool available in the fitting set. Iris colours can be 'piggy backed' on the Colour Diagnostic Tool to create unlimited colour combinations. Starbursts and Limbal Rings can be layered on for further effect.

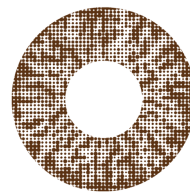
Different effects can be achieved when the same colours and effects are layered in a different order. For example a Starburst or Limbal Ring pattern layered under an iris pattern will soften the effect.



Layer Iris Prints

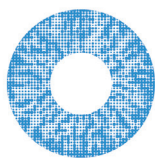
The 'X' Series for darker coloured eyes

The 'X' series should be used for darker coloured eyes and can be paired with an underprint or black pupil to offer a powerful prosthetic solution - changing a brown eye to blue, green or any colour from within the 'X' series..

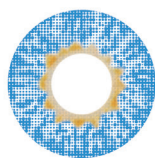


'X' Series example

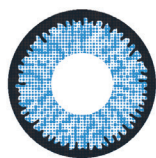
5 simple steps to ordering Reflex Colours



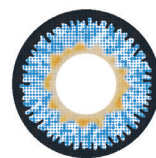
Tint



Tint + Starburst



Tint + Limbal Ring



Tint + Starburst
+ Limbal Ring

Reflex Colours allows you to build or layer colour to the desired effect. Add additional cosmetic features, such as 'Limbal Ring' and 'Starburst', for a natural finish.

Different effects can be achieved when the same colours and effects are layered in a different order. For example a Starburst or Limbal Ring pattern layered under an iris pattern will soften the effect.

Pupil and iris information

Pupil

Available clear pupil diameters: 3.8, 4.2, 5.0, 6.0mm

Available black pupil diameter: 4.2, 5.0mm

A 5.0mm clear pupil is standard in the fitting set.

For best results the pupil should be measured in mesopic conditions.

Iris

Standard iris diameter: 12.25mm

Alternate iris options: 12.75, 13.25mm

The standard iris diameter (12.25mm) is only available without a limbal ring, all other diameters can be supplied with and without a limbal ring.

Lens care

We recommend that Reflex Colours are cleaned regularly with Oté Clean, a daily cleaner available from No7.

Soft lens multipurpose solutions, such as Oté Sensation, should also be used to maintain good wetting characteristics.

Hydrogen peroxide systems may also be used by those who need a more aggressive cleaning regimen.



Reflex Colours
Colour Selection Starter Guide

Hand Painted | [Printed](#) | Tinted

Colour Selection Starter Guide

The Colour Selection Starter Guide, is a handy reference to Reflex Colours fundamentals, with helpful starting points or configurations for:

- Dark blue
- Light blue/grey
- Blue/green
- Light green
- Green
- Light Brown
- Dark Brown

Call **01424 850620** to request your copy or download at: www.reflexprosthetics.com

Reflex Hand Paints

Hand-painted lenses uniquely designed for each patient

Indications

- Scarred or damaged corneas
- Iris defects
- Cosmetic occlusion for white pupil
- Patients who need refractive correction
- Patients with strabismus

Reflex Hand Paints are individually crafted by skilled artists, to provide the best possible match for each patient's natural eye colour - a process performed with such fine detail, that brushes with only a few hairs (sometimes even a single hair) are used.



Help and Support

Lee Adams, our Reflex Hand Paints Team Leader has over 25 years experience with therapeutic lenses.

For help or support with any Reflex Hand Paint order, you can call or email Lee using the details below.

Tel: 01424 850620

Email: reflex.prosthetics@no7contactlenses.com

Lee Adams
Reflex Hand Paints Team Leader



Fitting Guide

Lens materials, parameters and customisable features

Materials

Our hand painted lenses are manufactured using 77% water content material. **Note** - Opaquing lenses will result in an approximate 10% loss of oxygen permeability.

Fitting and parameters

Lenses are available in a wide range of parameters and can be stabilised to offset the iris or produce non-radially symmetrical effects.

Ordering and colours

Orders can be placed by emailing digital images. Please provide images of both eyes for single prosthetic lenses. Photo prints, iris buttons, prostheses and artwork are also acceptable. See our brief guide (right) for best results.

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 need re-opaquing*. The problem may recur. If so, it can 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. However, 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.



4 tips for great photos

1. A grey card, held close to the patients forehead, can help our technicians to achieve a more accurate picture of your patients eye
2. Good light is critical. Natural light is best but bright, white light can work well.
3. Modern smart phones will take excellent photos and are perfectly suited to this task
4. Special filters and effects should not be used when taking photos

* 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. The fit should then be checked and the upper lid raised to measure the angle of rotation of the top dot — this should normally sit within 30° of the vertical. Then, the required position of the black pupil centre should be measured from the lens centre.



This lens stabilisation system also allows for the supply of prosthetic lenses to cover a segment of iris where only part of the eye is disfigured, such as coloboma.



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 = (lens diameter) – (iris diameter)

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

Lens care

We recommend cleaning Reflex Hand Paints regularly with Oté Clean, a daily cleaner available from No7.

Soft lens multipurpose solutions, such as Oté Sensation, should also be used to maintain good wetting characteristics.

Hydrogen peroxide systems may also be used by those who need a more aggressive cleaning regimen.



Designed for success

Adjusting colours

We aim for an exact colour match every time. However, sometimes it's not possible to accurately reproduce a required colour. If the colour achieved isn't acceptable, please return the lens for further adjustments. Our artists will have better success if an image of the patient wearing the lens is supplied.

Duplicating lenses

Each hand painted 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, we 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 of order receipt. For faster turnarounds, please contact us about our express service, available for a 30% surcharge.



Reflex custom soft lens designs | Parameters

Available in Single Vision, Toric, Multifocal and Toric Multifocal design, our Reflex range of soft lenses come with over 3.6 billion parameter combinations.

While Reflex Colours are manufactured in 55% Water Content Hydrogel material due to its robust nature, Reflex Hand Paints and Reflex Tints are manufactured using 77% Water Content Hydrogel material.

	Reflex Single Vision	Reflex Toric	Reflex Multifocal	Reflex Toric Multifocal
BOZR Range	8.60 standard or 7.00 to 10.50 in 0.10 steps	8.60 std or 7.00 to 10.50 in 0.10 steps	8.60 std or 7.00 to 10.50 in 0.10 steps	8.60 std or 7.00 to 10.50 in 0.10 steps
Diameter (mm)	14.50 std or 12.00 to 16.00 in 0.10 steps*	14.50 std or 12.00 to 16.00 in 0.10 steps*	14.50 std or 12.00 to 16.00 in 0.10 steps*	14.50 std or 12.00 to 16.00 in 0.10 steps*
Power (D)	-35.00 to +35.00 in 0.25 steps	20.00 to +20.00 in 0.25 steps	-20.00 to +10.00 in 0.25 steps	-20.00 to +10.00 in 0.25 steps
Cyl (D)	-	up to -15.00D cyl - any axis	-	up to -6.00D cyl - any axis
Add (D)	-	-	Profile A (up to +1.50) Profile B (up to +2.00) Profile C (up to +2.50)	Profile A (up to +1.50) Profile B (up to +2.00) Profile C (up to +2.50)

*Larger lenses are needed for strabismus. Please call for advice.

Queries and Orders

To place an order, for support with an order or for more information regarding Reflex Prosthetics, please contact our dedicated Reflex Prosthetics team on:

01424 850620 | reflex.prosthetics@no7contactlenses.com

WhatsApp: Reflex Colours



7 No7 Contact Lenses
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