



Custom Silicone  
Cosmeses



## Custom Silicone from Steeper

Experience the very best in Custom Silicone Cosmeses from Steeper. Each cosmesis is sculpted by hand to meet your requirements and has a remarkably realistic appearance and feel.

Skin pigmentation, freckles, veins, hair and even tattoos can be incorporated to ensure an authentic finish. Unlike many similar products, our fabrication techniques involve colouring the silicone material prior to sculpting, as opposed to surface painting.

This process allows the layering of different shades of silicone to give a translucent finish to the cosmesis, to achieve an effect similar to natural skin.

### Product Range:

- individual fingers and toes
- partial feet
- lower limb covers
- partial hands
- upper limb covers
- custom liners
- cosmetic restorations



### The perfect fusion of technology and art

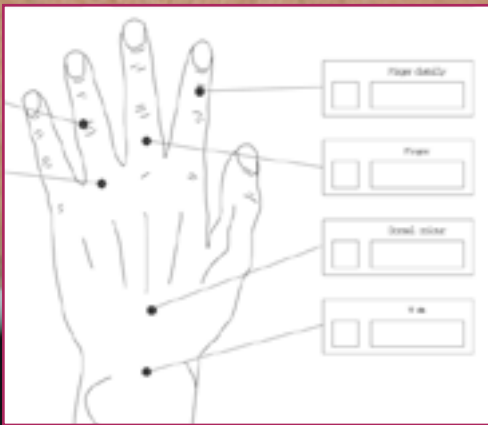
Utilising Spectromatch, our unique electronic colour matching process, we deliver a near perfect match to your individual skin shade. Our Spectromatch system stores up to 22,000 colours and offers a far superior colour matching process than traditional swatches.

Though the system stores such a large number of colours, regardless of the lighting conditions, numerous measurements can be taken and accurate colour options recorded in a matter of minutes, providing excellent results on the finished product.

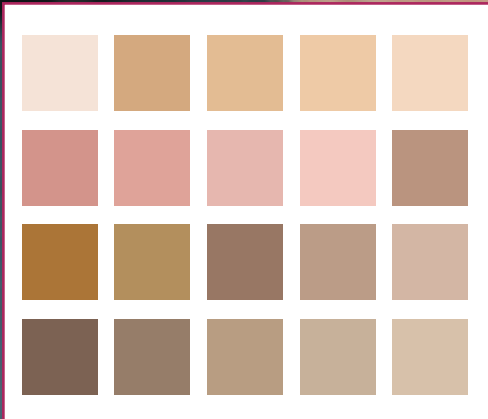




# e-Skin



## Colour Charts





## Custom Silicone Your Technical Guide

Here is your step-by-step guide to casting, photographing and colour matching with Spectromatch. If you have any questions please contact your Steeper representative.

### Photography

Digital images are needed to see details of colour blending, hair, veins, freckles and tattoos. Please supply digital images of all aspects of the sound limb, including close-ups of the nail detail.

### Cast and casting modifications

Cast modification ensures the finished prosthesis fits intimately over the residual limb. For hands, feet and digital restorations, an overall reduction of 15 to 20 percent is required to enable correct suspension and comfort. Use alginate or silicone to take exact moulds and fill with white stone plaster, with a solid bar inserted into the affected side casts.

### Casts required

#### Digits

- Positive rectified cast of affected side
- Positive cast of sound side

#### Hands

- Positive rectified cast of affected side, 25mm (1") above the styloid
- Positive cast of sound side, 25mm (1") above the styloid

#### Upper Limb\*

- Positive cast of sound side

#### Feet

- Positive rectified cast of affected side, 25mm (1") above the maleoli
- Positive cast of sound side, 25mm (1") above the maleoli

#### Lower Limb\*

- Positive cast of sound side

\*Prosthetic limb that is to be covered needs to be supplied.

### Check socket manufacture

We recommend a check socket fitting for all partial hand, partial feet and cosmetic restorations, to ensure comfort and suspension are both satisfactory. These clear silicone check sockets will automatically be sent within 7 to 10 days of receiving the casts.

## Colour Matching

A Spectromatch camera can, on request, be obtained from the Silicone Clinic. You may receive either of the cameras shown, but they are both simple to use and come with instructions.

## Charging

Ensure that the camera has sufficient charge prior to the patient attending. The larger Minolta takes 4 x AA batteries and the small eSkin camera can be charged from any high power USB port on a computer or mains adaptor.

## Calibration

Both cameras need to be calibrated. Switch the camera on and put the cover over the lens. Press the measure button to take a reading. This function is slightly different, from one camera to the other, but they are equally simple. Failure to calibrate may well have a detrimental effect on the accuracy of the colour measurements taken.

## Taking a measurement

Remove the cover from the lens, position it over the area of skin to be colour matched and press the measure button. Both cameras have a system to indicate how accurate the colour match is in comparison with the nearest one found in the camera's memory.

With the Minolta avoid any number with a ++ after it. Similarly, with the eSkin avoid a number that shows a red colour bar. In either case simply move the camera slightly and repeat the process. Continue until the chart has been completed and all obvious colour differences have been recorded.

## Recording the measurements

Record the numbers on the appropriate Spectromatch charts. The Minolta can only store ten measurements at a time and the eSkin will record many more, but it is always best and easiest to record the numbers as you go along. The Spectromatch charts can be completed on the computer and emailed to the Silicone Clinic.

## Fabrication

- Our fabrication techniques involve colouring the silicone material itself prior to sculpting.
- This process allows the layering of different shades of silicone to give a translucent finish to the cosmesis, achieving an effect similar to natural skin.
- Moulds are taken locally using alginate.
- We supply a check socket for all restoration jobs to ensure the perfect fit.
- Training will be provided for new customers.

Please contact us for further details.





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