
Custom Silicone Portfolio

Steeper is proud to manufacture some of the highest quality cosmesis available from anywhere in the world - our comprehensive range of custom silicone products are designed bespoke to individual requirements and are sculpted in-house at our silicone clinic in the UK.





Custom Silicone from Steeper

Custom high-definition silicone covers are premium cosmeses resulting in a life-like prosthesis, blended and defined to match the user's sound limb. Often, silicone cosmesis are the answer for many amputees as they offer enhanced realism and a more life-like appearance.

These custom sculpted products are hand-crafted by our expert technicians at the Steeper Silicone Clinic.



We can create individual digits, partial hands, partial feet, upper and lower limb covers as well as cosmetic restorations for burns and tissue loss. For a hyper-realistic touch, all our finger and toe nails are crafted using firm silicone or acrylic (for nail painting) and use as many colours as is necessary for a match.

Each silicone prosthesis can be tailored to the user's exact requirements, from tattoos to painted nails, veins to surface hair and everything else in between, the possibilities are limitless!

Not only are all our products cosmetically tailored to suit the user but vitally, we always ensure the solutions we create are comfortable and functional, providing users with a natural and realistic looking prosthesis that suits their lifestyle.



To offer a far superior skin colour match over traditional swatches, we use our unique Spectromatch device. This system stores up to 22,000 colours to match any skin tone, and takes multiple measurements to consider lighting conditions and any other factors that could affect the shade.

The realism doesn't stop there; unlike similar products, our fabrication techniques involve colouring the silicone prior to sculpting, as opposed to surface painting. This process allows the layering of different shades of silicone to give a translucent finish, similar to real human skin and provides exceptional definition, detail, and an even more precise colour match.

Charlotte Hannibal



“As a young woman, you are expected to look a certain way. My personal challenge with this was finding my own image again, and how I wanted to look.”

10:07, Friday 12th August was the moment Charlotte regained a piece of her old reflection. After contracting Meningitis and Septicaemia whilst at university, Charlotte was put into an induced coma and spent the next four months in hospital. Whilst lucky to be alive, Charlotte has had all the fingers from her left hand amputated. Struggling with the attention that her hands brought, Charlotte was desperate to find a way to hide in a crowd and disguise her amputation. Now thanks to the Steeper Silicone Clinic and her new prosthetic hand she can do just this, providing the freedom to live her life the way she now wants to.

The story

Charlotte was a healthy and happy 18 year old, just beginning her business degree at Nottingham Trent University when she contracted Meningitis and Septicaemia.

After a few weeks at university Charlotte was enjoying her new life - going out and meeting new people, she was having a great time. That was until she awoke one Tuesday morning with flu-like symptoms. Believing she had 'fresher's flu', she thought nothing of it. Sadly, that was not the case and by Wednesday evening she had been put into an induced coma, where she spent the next three weeks, before spending a further four months in hospital. Charlotte will be forever grateful to the team at the Kingsmill Hospital in Mansfield and Nottingham City Hospital for saving her life as many others diagnosed with Meningitis are not so lucky, and despite all the after-effects she now has to live her life with, she knows that she is lucky to be alive.

The solution

Charlotte is now a double transtibial amputee, and has also had all the fingers from her left hand amputated. Coming to terms with her own image has been a struggle for Charlotte and deciding how she wanted to look was a major part of her recovery. In order for her to regain her confidence, Charlotte had a look at different partial hand prosthetics available. However, she felt that none were right for her, instead feeling that they would make her hand stand out more than if she wore no false limbs at all.

Discovering the work of the Steeper Silicone Clinic and the different prosthetics available was a major step in her recovery. Finally, she had found

a prosthetic that would help her to hide in a crowd and disappear from the stares.

Charlotte's experience at the Steeper Silicone Clinic has been, "nothing but a pleasure. They have catered to my every desire when creating this prosthetic for me and I couldn't be happier."

Charlotte's hand has been specially crafted by Steeper Technician, Mark. With over ten years' experience at sculpting silicone hands, Mark took great pleasure in creating this special hand for Charlotte. "Charlotte's hand is a blend of natural shades and pigments perfectly matched to her skin tone. In consultation with Charlotte, we carefully crafted her prosthetic to match the scarring on her arms, so that the silicone prosthetic looks as realistic and natural as possible. It was a great pleasure providing this hand for Charlotte as we can see the difference it has made to her life already."

The turning point

For Charlotte, being able to sit in a room full of people and them not to notice that her hand is a false limb makes her life much easier. On days when she is not feeling that great, she can put on her hand and continue with her daily life, going under the radar and disguising her amputation. However on the days when she is raising awareness of Meningitis and Septicaemia for the two charities that have helped her immensely, Meningitis Now and Meningitis Research Foundation, she is proud to show of her silicone hand and loves the reactions from others when they discover her hand is a prosthetic.

Since her diagnosis, Charlotte's perspective on life has changed drastically. She now realises that life is too short not to be doing the things she enjoys the most, something she believes everyone should take into consideration.

For further information on our custom silicone portfolio, please contact the Silicone Clinic directly.

Expert Technicians

For almost 100 years, we have been providing the very best in prosthetic products and as technology and user requirements change, we have modified our manufacturing techniques and service offerings to best suit their specifications.

Artists in their own right, all our silicone technicians are exceptionally skilled and can make any design, colour and shape required in silicone.

From new material development to performance testing, our technicians often create more “avant-garde” designs to further develop their skills and identify improved ways of working, some of their most recent work includes a water-themed lower limb masterpiece.



Expert technician checks the fine details



Final evaluation before being presented to the client

“With the variety of prosthetic limbs available to users today, patients have an exceptional choice of what kind of product they would like whether it be functional or just cosmetic but increasingly, patients tell us how important appearance is for their prosthesis.

This is why we invest in devising the most naturalistic coverings for both upper and lower limb prostheses. Our coverings are designed bespoke to individual requirements, then sculpted in-house and in consultation with the patient, enabling our custom silicone products to meet the patient’s exacting standards.”

Steeper Prosthetist



Client, Victoria Milligan with her custom silicone leg

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