



Silicone Sheeting

Our market leading silicone sheet is available in solid, sponge and fabric insertion.

Introduction

We've been manufacturing silicone sheet for over 40 years, and was one of the first pioneering companies to produce calendered solid and sponge sheeting in rolls and we still remain the market leader today.

There are very few competitive products offering the same quality available in the market place today and together with our unrivaled customer service, you are assured a first class experience.

We've been a worldwide provider of silicone sheeting for many years and have certified compliance to some of the industry's highest standards.

With the global demand for silicone sheeting increasing due to higher health and safety expectations in established and emerging markets, many new suppliers are supplying silicone sheet that fall well below the industry accepted standards, to the point of being potentially dangerous in application.

You will be glad to know that when Silicone Engineering's solid sheeting was independently tested against seven other competitor samples, we came out the clear winner, far exceeding the EU industry standard.

How can we maintain these high levels of quality? We formulate, mix and test all our materials in-house using our comprehensive compounding and laboratory facilities, in line with our philosophy of using only the finest quality ingredients available.

We know what's in our sheeting, do you?



Solid silicone sheeting

Our range of solid silicone sheeting services a wide range of sectors and we are constantly innovating to develop new materials to meet our customers' demands and standards.

We are currently able to offer our solid sheet from 0.3mm to 20mm thick and up to 1800mm wide, with roll lengths of up to 50 metres*

Our specially developed range of solid kSil™ sheeting materials addresses almost every silicone application, from our quality general purpose (kSil™GP) to our Low Combustion Hazard (kSil™LCH).

If you need your silicone sheeting to meet a specific requirement, let us know and we'll be more than happy to help with your project.

* dependant on construction, size and grade

Product Availability – Sheeting

kSil™GP – General Purpose	●
kSil™HT – High Tear	●
kSil™FR – Flame Retardant	●
kSil™THT – High Temperature	●
kSil™LCH – Low Combustion Hazard	●
kSil™VAC – Thermoforming	●



Sponge silicone sheeting supplied in roll form gives our customers competitive advantage.

Sponge silicone sheeting

Our sponge silicone sheeting is a niche product and we're one of a very few companies in the world that manufactures sponge sheeting in roll form using a calendering process. In fact if you purchase silicone sponge sheet in rolls it is likely that we produced it.

Silicone sponge sheeting offers excellent compression properties when used to produce gaskets, especially where the sealing surface is not smooth.

Available in a general purpose range of densities from very soft kSil™GP10 up to a firm kSil™GP33. In addition to the kSil™GP range we have developed a specialist range of silicone sponge sheeting materials such as Flame Retardant kSil™FR and High Temperature kSil™THT designed to meet the requirements and specification of a diverse array of industries and markets.

Currently available from 1.5mm upto 50mm thickness and upto 1000mm wide with roll lengths of up to 10 metres*



Popular kSil™ Sponge sheet grades

- kSil™GP – General Purpose
- kSil™FR – Flame Retardant
- kSil™THT – High Temperature
- kSil™LCH – Low Combustion Hazard
- kSil™UL – UL94v0 Rated

Fabric insertion silicone sheeting

Our insertion calender extends our sheeting capabilities to include fabric such as glass cloth, polyester, Nomex® and Kevlar® to be coated in our kSil™ solid materials. We produce a variety of constructions with a combination of supported and unsupported with cured and uncured silicone.

Popular uses of these insertion materials include high performance automotive hoses, heater pads and reinforced gaskets.

Available as 0.3mm upto 4mm thickness and up to 1000mm wide with roll lengths of up to 50 metres*

Want to find out more?

If you'd prefer to talk through your specific requirements or any other Silicone products, call our sales team on **+44 (0)845 6744 747** or email us at sales@silicone.co.uk.

We'll be very happy to help.

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