



Fabric Reinforced Sheeting

kSil™FA fabric reinforced calendered sheeting incorporates fabrics such as glass fibre cloth, polyester and Nomex® to the kSil™ range of solid materials.

Whether you produce high performance heater pads, reinforced gaskets, textile membranes or automotive hoses, Silicone Engineering can reinforce our high quality silicone grades to your exact requirements.

Applications

Silicone Heater Pads

kSil™FA flexible silicone heater pad materials are used to fabricate flexible heaters for a range for diverse industries and applications including: Automotive Heaters, Aerospace De-Icing, Drum Heaters and Tyre Warming Systems

Reinforced gaskets

Reinforced silicone gaskets are widely used when added support and durability is required in application to allow the gasket to better withstand abrasion and other degrading factors.

Textile membranes (construction)

Fabric inserted silicone for the use as internal textile membranes, curtains, canopies and awnings. kSil™FA coated fabrics are extremely flexible over a wide temperature range of -60°C to +230°C and are resistant to UV, Ozone and general weathing making it the ideal material for outdoor shelters.

Automotive Performance Hoses

kSil™FA fabric sheeting is used in the manufacturing of performance hoses in the automotive sector to increase performance. Performance hoses reach extreme temperatures so need a material that can withstand high heat. kSil™FA sheeting can withstand up to +230°C and up to +270°C using our extreme temperature grade kSil™THT.

