

Silicone Rubber Coated Glass Fabric Single Side

PRODUCT CODE: SAPL500-S

Description

Liquid silicone coated E glass fabric is a soft, smooth and flexible cloth manufactured from non textured fiberglass yarns. The fabric demonstrates a good property of tensile strength and thermal insulation. It is an ideal replacement for asbestos product used for thermal insulation and heat protection. It will not burn, rot, mildew or deteriorate and resist most acids. It has low coefficient of thermal expansion and is suitable for temperature of silicone up to 260°C and fiberglass up to 550 °C. Silicone rubber coating can increase resistance to most chemicals and oil and sealing property.

Specification

Weave		Twill (4H satin)
Yarn (tex)	Warp	136X1
	Weft	136X1
Thread count	Warp	18.0±1.8 per cm
	Weft	14.0±1.4 per cm
Tensile strength	Warp	2200N/2.5cm
	Weft	1300N/2.5cm
Basic Fabric weight		430g±30g/m ²
Width		1000mm - 1550mm
Thickness		0.42mm±0.04mm
Roll length		50m±1m
Coating Type		Silicone Rubber Single Side
Coating Weight		80g±10g/ m ²
Total weight		510g±10g/ m ²
UV Resistance		1000 Hrs; No change in Tensile
Working temperature		-30 to +260 °C

Application

It is used in applications including electrical insulation, insulation jackets, and chemical corrosion resistance, sealing material, packing material, conveyor belt and expansion joints