



Silicone Coated Fiberglass Fabric

1. Temp resistance-Glass fabric up to 553°C (1000°F)
Silicone rubber coating up to 252°C (480°F)
2. Good chemical, abrasion, and flex resistance
3. Outstanding dielectric properties
4. Excellent chemical resistance
5. Excellent mechanical strength
6. Resistance to ozone

	Test Method	English	Metric
Areal Weight	ASTM-D-3776	11.80 - 67.84 oz/sq yd	400 - 2300 g/m ²
Thickness	ASTM-D-1777	0.0112-0.059"	0.3 mm-1.5 mm
Breaking Strength	ASTM-D-5034		
Warp		300 lbs/inch	53.58 kg/cm
Fill		225 lbs/inch	40.19 kg/cm
Tear Strength	ASTM-D-1424		
Elmendorf Tear			
Warp		40 lbs.	18.14 kg
Fill		30 lbs.	13.61 kg
Flame Resistance	ASTM-D-6413		
After Flame		1 second max.	1 second max.
Char Length		1/16 inch max	0.159 cm max

Common Applications

Silicone coated fiberglass fabric is often used for: silicone coated fiberglass sleeves, welding blankets and curtains, Expansion joints, High-temperature insulation, Heatshield and containment, and Removable insulation cover because of its excellent fire resistance, flame retardant ability, weather resistance, and specific chemical resistance, flame retardant silicone coated fire blankets, Insulating blankets, Insulation jackets, silicone coated fiberglass welding blanket, thermal insulation, and acoustic sound insulation, and more in the field.