



# PRODUCT SPECIFICATION SHEET

## SILICONE COATED GLASS FIBER FABRIC

Silicone coated fiberglass fabric is a kind of high performance and multifunction composite material, it's widely used in Aerospace, Chemical, Petroleum, Large Power Generation Equipment, Machinery, Metallurgy, Electrical Insulation, Building, Transportation and other fields.

### CONSTRUCTION & MATERIAL

- Basic fabric: glass fiber in different thickness;
- Coating: silicone rubber.

### Applications

- Heat/electrical insulation jacket;
- Laminated mat;
- Flexible duct connector;
- Hot air blower;
- Flexible duct connector;
- Non-metal compensator or Fabric expansion joints;
- Fireproof curtain & blanket;
- Welding blanket;
- Construction electrical protection cover;
- Other fire-control systems.



### Properties

- Discharge of all types of liquids, moist air;
- Excellent heat and cold resistance (long-term working temperature from -70 to 260°C);
- Good aging resistance;
- High strength;
- Chemical acid and alkali resistant.

### Temperature Range

- -70 °C approx. to +270 °C approx.
- short time to +300 °C approx.

### Installation requirement

- Avoid abrasion outside; Keep some space between the other surface.
- Keep away from strong chemical corrosion.
- Don't apply for higher working temperature over above properties.

### TECHNICAL DATA

Total thickness (mm)	Toal Weight for finished fabric (g/m2)	Basic fabric thickness (mm)	Basic fabric model no.	Weight for basic fabric (g/m2)	Coating thickness (mm)	Coating weight (g/m2)	Width (m)	Length /roll (m)	Weight/ roll (kgs)	OD/roll (cm)	CBM/roll (m3)	manufacturing process
0.25	320	0.18	7628	200.00	0.04	120.00	1.27	100	40.6	20	0.04	coating
0.30	400	0.28	280	280.00	0.05	120.00	1.00	100	40	20	0.03	
0.45	600	0.40	3732	430.00	0.05	170.00	1.20	50	36	19.5	0.04	
0.60	970	0.40	3732	430.00	0.20	540.00	1.20	50	58	22.5	0.05	1 side coating, 1 side calendering
0.80	1040	0.80	3784	840.00	0.05	200.00	1.00	50	52	26.5	0.06	2 sides coating
1.00	1500	0.80	3784	840.00	0.20	660.00	1.00	50	75.0	28.0	0.06	1 side coating, 1 side blank
1.00	1700	0.70	666	660.00	0.30	1040.00	1.00	50	85.0	28.0	0.06	2 sides calendering
1.20	1900	0.80	3784	840.00	0.40	1060.00	1.00	50	95.0	30.0	0.07	2 sides calendering
1.20	1780	1.00	with wire inside	1080.00	0.20	700.00	1.25	30	68	22.5	0.05	1 side calendering
1.30	2280	1.00		1080.00	0.30	1200.00	1.25	30	85	24.5	0.05	2 sides calendering
1.50	2400	0.80	3784	840.00	0.70	1560.00	1.00	50	120	37.5	0.11	2 sides calendering
2.00	3140	0.80	3784	840.00	1.20	2300.00	1.00	25	79	25	0.06	2 sides calendering
2.50	3240	0.80	3784	840.00	1.70	2400.00	1.00	25	81	30	0.04	2 sides calendering
3.00	4720	1.50	3788	1600.00	1.50	3120.00	1.00	25	118	32	0.04	2 sides calendering
3.20	4130	0.40	3732	430.00	2.20	3700.00	1.00	25	114	32.5	0.04	2 sides calendering