



- High Temperature Resistant glass fiber and ceramic fiber textiles.
- Sealing Packing and Gasket
- Engineering Plastic Materials
- Rubber Sheeting and Molded Parts
- Thermal and acoustic Insulation Materials
- Electrical Insulation Materials

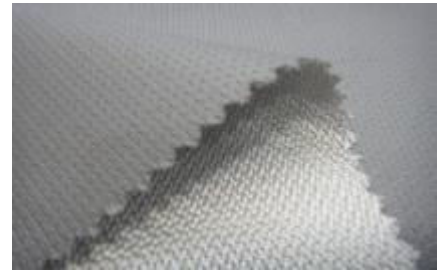
Technical Data Sheet

Description:

Firewheel Ref No **SC3732** is fiberglass cloth woven by high quality E-glass filament yarn , and then coated(or impregnated) with Firewheel specially formulated dry(solid) silicone rubber and aluminum pigment on one side. These fabrics provide good properties of flexibility, durability, water and oil proof, abrasion resistance, and excellent resistance for general chemicals.

Application:

It's the ideal and excellent fabrics used for welding blanket, fire protecting curtain, expansion joints, Non-metallic compensator, and anti-corrosion sector.



1	WEAVE		3X1 TWILL		Testing Method
2	YARN	WARP	EC9 136 1 × 0	ECG 37 1/0	ISO 4602
	(tex)	WEFT	EC9 136 1 × 0	ECG 37 1/0	ISO 4602
3	WIDTH		100 cm	40 inch	DIN EN 1773
			120 cm	48 inch	
			150 cm	60 inch	
			180 cm	72 inch	
4	CLOTH WEIGHT		430 g/m ²	12.7 OZ/YD ²	DIN EN 12127
5	COAT STYLE		1side coated with solid silicone(80G)		-
6	TOTAL THICKNESS		0.46mm	0.0168 inch	DIN EN ISO 5084
7	TOTAL WEIGHT		510g/m ²	15 OZ/YD ²	DIN EN 12127
8	THREAD COUNT	WARP	18 per cm	45 per inch	DIN EN 1049-2
		WEFT	13 per cm	33 per inch	DIN EN 1049-2
9	TENSILE STRENGTH(min)	WARP	7000 N/5cm	777 lbs/inch	EN ISO 13934-1
		WEFT	6000 N/5cm	666 lbs/inch	EN ISO 13934-1
10	SERVICE TEMPERATURE		Up to 500 while silicone is 260c		-