



- ★ 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

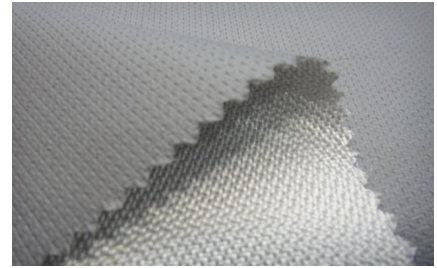
Technical Data Sheet

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.



Technical data:

| 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°C while silicone is 260c | | - |