

Fire Protection & Insulation Solutions

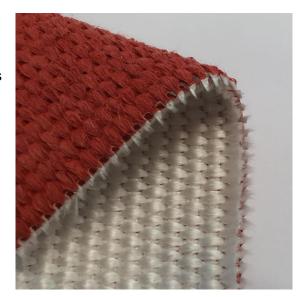
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E Glass Insulation Fabric DEF1910RLS1 Description and Advantages

Description:

Darco **DEF1910RLS1** is an E glass fabric woven from high quality texturized yarn, and then coated with a specially compounded silicone rubber on both sides. It has a lot of advantages such as high strength, fire retardant, high temperature, resistance, chemical resistance, non-penetrative, non-toxic and so on. Used in temperature from -70°C to 300°C Ozone, oxide, light and weather aging resistance, excellent weather ability used outdoors and ages up to 10 years can be expected



Applications:

- Serve as welding defender, heat protection quilt, foundry splash protection
- Conveyor belt and expansion joints
- Electrical insulation, chemical corrosion resistance, packing materials
- Used for aerospace, marine, chemical industry, power plant, automobile manufacturer, construction, piping and sealing industry.

Technical data:

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|---------|--------------------------|------|---|-----------------|
| 1 | WEAVE | | Plain 4HS | Testing Method |
| 2 | YARN | WARP | 1768TEX | ISO 4602 |
| | texturised | WEFT | 1768TEX | ISO 4602 |
| 3 | WIDTH | | 100 cm | DIN EN 1773 |
| | | | - | - |
| 4 | CLOTH WEIGHT | | 1760 g/m ² ±5% | DIN EN 12127 |
| 5 | CLOTH THICKNESS | | 1.98mm | DIN EN ISO 5084 |
| 6 | COAT STYLE | | 150gsm/ 1side | - |
| 7 | TOTAL WEIGHT | | 1910gsm±10% | DIN EN 12127 |
| 8 | TOTAL THICKNESS | | 2.0±0.03mm | DIN EN ISO 5084 |
| 9 | THREAD COUNT | WARP | 6.0per cm | DIN EN 1049-2 |
| | | WEFT | 2.2per cm | DIN EN 1049-2 |
| 10 | TENSILE STRENGTH(min) | WARP | 3600N/5cm | EN ISO 13934-1 |
| | | WEFT | 4030 N/5cm | EN ISO 13934-1 |
| 11 | SERVICE TEMPERATURE | | -70°C to 550°C, while silicone is 260°C | - |