

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:

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	-