

## E Glass **DEF3500RLS2** Insulation Fabric Description and Advantages

### Description:

Darco **DEF3500RLS2** is made of fiberglass bulk yarn which is texturized from fiberglass roving yarn by high pressure air, and then coated (or impregnated) with specially formulated solid silicone rubber and aluminium pigment on two sides.

These fabrics provide good properties of flexibility, durability, water and oil proof, abrasion resistance, and excellent resistance for general chemicals.

### Properties:

- Coating 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.

### Application:

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



### Technical data:

WEAVE		Plain	Testing Method
YARN	WARP	ET11 1000	ISO 4602
(tex)	WEFT	ET11 1000	ISO 4602
WIDTH		100 cm	DIN EN 1173
LENGTH		25 m	-
CLOTH WEIGHT		1250 g/m <sup>2</sup>	DIN EN 12127
COAT STYLE		coated with RED wet silicone both sides (2250g)	-
TOTAL WEIGHT		3500g/m <sup>2</sup>	DIN EN 12127
TOTAL THICKNESS		2.4 mm	DIN EN ISO 5084
THREAD COUNT	WARP	3.1 per cm	DIN EN 1049-2
	WEFT	3 per cm	DIN EN 1049-2
TENSILE STRENGTH(min)	WARP	3500 N/5cm	EN ISO 13934-1
	WEFT	3000 N/5cm	EN ISO 13934-1
SERVICE TEMPERATURE		550°C, while silicone is 300°C	-