

TECHNICAL DATA SHEET

E Glass Insulation Fabric **DEF590P/RLS2** Description and Advantages

Description

Darco Code **DEF590P/RLS2** is an E glass fabric woven from **premium quality filament yarn**, and then coated with a specially formulated wet (liquid) silicone rubber and aluminum pigment on two sides. This fabric provides good properties of flexibility, durability, water and oil proof, abrasion resistance, and excellent resistance for general chemicals.

Certified to AS1530.3. Ref AWTA Fire Test Report 7-596811-BW dated 8 April 2014.

Application

It's the ideal and excellent fabric used for removable insulation covers, welding blankets, fire protecting curtains, expansion joints, non-metallic compensator, and anti-corrosion sector.



Technical data

1	WEAVE		Style 3732A 3x1 Crowfoot	Testing Method
2	YARN	WARP	ECG37 1/0	ISO 4602
	filament	WEFT	ECG37 1/0	ISO 4602
3	WIDTH		100 cm	DIN EN 1773
			120 cm	
			150 cm	
			180 cm	
4	CLOTH WEIGHT		430 g/m ²	DIN EN 12127
5	COAT STYLE		coated with wet silicone on both side (160g), RED	
6	TOTAL THICKNESS		0.42mm	DIN EN ISO 5084
7	TOTAL WEIGHT		590g/m ²	DIN EN 12127
8	THREAD COUNT	WARP	19.2 per cm	DIN EN 1049-2
		WEFT	12.8 per cm	DIN EN 1049-2
9	TENSILE STRENGTH(min)	WARP	6000 N/5cm	EN ISO 13934-1
		WEFT	4500 N/5cm	EN ISO 13934-1
10	SERVICE TEMPERATURE		550°C, while silicone is 280°C	-