

## E Glass Insulation Fabric **DPCF516** Description and Advantages

### Description:

Darco **DPCF516** is made of texturized pre-oxidized carbon fiber yarn, it has good properties such as high temperature resistance to 1000°C, low thermal conductivity coefficient, anti-corrosion, high dust-accommodation and high filterability, moreover it does no harm to the human body and is a good replacement for asbestos products. Soft and comfortable to handle, not itchy, fire proof. Ideal softer thicker (1.75 mm thick) more insulating alternative to similar price DSF650CV silica fabric (0.6 mm thick) for welding protection and removable insulation covers hot face lining



### Applications:

It's the ideal and excellent fabrics used for insulation covers, gasket products, welding blanket, fire protecting curtain, expansion joints, safety defender, piping and heat insulation of Marine equipment.

### Technical data:

1	WEAVE		Plain		Testing Method
2	WIDTH		100 cm stock	40 inch	DIN EN 1173
			120 cm ( <i>Indent</i> )	48 inch	DIN EN 1773
			150 cm ( <i>Indent</i> )	60 inch	DIN EN 1773
3	CARBON CONTENT		85.6%		-
4	CLOTH WEIGHT		516 g/m <sup>2</sup>	15.2OZ/YD <sup>2</sup>	DIN EN 12127
5	TOTAL THICKNESS		1.75mm	0.069 inch	DIN EN ISO 5084
6	THREAD COUNT	WARP	6.7 per cm	17per inch	DIN EN 1049-2
		WEFT	3.9 per cm	10per inch	DIN EN 1049-2
7	TENSILE STRENGTH(min)	WARP	210 N		EN ISO 13934-1
		WEFT	145 N		EN ISO 13934-1
8	SERVICE TEMPERATURE		to 1000°C (Melts above 2760°C)		-