

Ceramic Fibre Insulation Fabric **DCF3/WR** & **DCF3HT/WR** Description and Advantages

Description:

Darco **DCF3/WR** & **DCF3HT/WR** (Heat Treated) ceramic fibre fabric is a woven fabric made of high quality ceramic fibre yarns. It can be used for high temperature applications up to 1000°C. The cloth is reinforced with fibreglass filament, and stainless steel wire. It contains a certain amount of binder material which is normally burned at lower temperature and does not affect the insulation property. – Note: gsm weight for Heat Treated fabric can lose up to 17% of its weight from Organic materials during the treatment.

Application:

It can be used as expansion joints, safety blankets, curtains, welding blankets, protective and insulating covers, shields, gaskets, cable or pipe wrapping, etc. It has been widely used in welding, foundry works, aluminium and steel mills, boiler insulation and seal, shipyards, refineries, power plants and chemical plants.



Technical data:

1	Reinforcement		Glass filament and Stainless Steel wire
2	Thickness	mm	3.0
3	Weave		Plain
4	Width	mm	1000 up to 1500
5	Available treatments		Heat cleaned, Aluminium Foil Facing
6	Weight	g/m ²	1500 for Untreated & ave. 1200 for Heat Treated
7	Continuous temperature	°C	1000
8	Short time temperature	°C	1260
9	Moisture content	%	≤2
10	Loss on ignitions	%	≤18
11	Tensile strength	Warp	N/5cm ≥1000
		WEFT	N/5cm ≥550