

## TECHNICAL DATA SHEET

### Darco **DSF1150V/920**

### Vermiculite Coated High Silica cloth

#### Description

High Silica cloth represents a modern product generation that meets all stringent requirements as to temperature consistency and environmental health standards. Used in a variety of industrial applications because of its outstanding characteristics, workability in cutting, sewing and resistance to corrosive attack. Moreover, with the outstanding continuous working temperature 1000°C and the soften temperature up to 1700°C Darco high silica cloth could be used in most high temperature working surroundings for thermal insulation and heat protective. Vermiculite coating enhance the high temperature working stability and durable usage.

#### Application

Darco high silica cloth widely used in many branches of industry, especially for the production of various types of high-temperature heat protection. i.e. fire resistant curtains, protective outer garments for firemen and rescuers; heat insulation for power generating plants. More and more silica materials are used in metallurgy as ferrous and non-ferrous melt fine filters.



#### Specification

Item		Specification
Weave		12HS Stain
Thickness (mm)		1.3±0.1
Width (mm)		920±10
Length (m)		50 ±0.5
Weight (g/m <sup>2</sup> )		1150±50
Count	Wrap (pick/cm)	19±1
	Weft (pick/cm)	12.5±1
Tensile Strength	Wrap (N/25x100mm)	1500
	Weft (N/25x100mm)	1200
SiO <sub>2</sub> Content (%)	≥96	
Coating	Vermiculite on both sides	
Working Temperature (°C)	1000	

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