

E Glass Insulation Fabric **DEF1900V** Description and Advantages

Description:

Darco **DEF1900V** is an E-glass fabric woven from high quality texturized yarn, and then coated with vermiculite on both sides. Vermiculite is a natural mineral which provides a natural inorganic finish to fiberglass.

This coating provides short temperature resistance of 1000°C and increased continuous temperature resistance temperature up to 550°C. Vermiculite coated fiberglass cloths increase the products abrasion resistance and adds to its ability to withstand direct flame, it also provide a dust suppression coating which allows for a safer work environment.



Applications:

Welding blankets, fire blankets, fire proof curtains, heat shields, etc.

Technical data:

WEAVE		Plain	Testing Method
YARN	WARP	ET9 860	ISO 4602
texturized	WEFT	ET9 896	ISO 4602
WIDTH		100 cm (Stock size)	DIN EN 1773
		150 cm (On request)	DIN EN 1773
CLOTH WEIGHT		1800g/m ²	DIN EN 12127
CLOTH THICKNESS		2.7mm	DIN EN ISO 5084
COAT STYLE		coated with vermiculite both sides (100G/m ²)	-
TOTAL WEIGHT		1900 g/m ²	DIN EN 12127
TOTAL THICKNESS		2.7mm	DIN EN ISO 5084
THREAD COUNT	WARP	6.1 / cm	DIN EN 1049-2
	WEFT	4.1 / cm	DIN EN 1049-2
TENSILE STRENGTH(min)	WARP	>=4500N/5cm	EN ISO 13934-1
	WEFT	>=4000N/5cm	EN ISO 13934-1
SERVICE TEMPERATURE		Continuous 550°C Short term to 1000°C	-