

TECHNICAL DATA SHEET

E Glass Insulation Fabric **DEF1700HT** Description and Advantages

Description:

Darco **DEF1700HT** is an E glass fabric woven from high quality filament yarn, and then passed through a high temperature oven in order to burn off the sizing and other organic elements in the cloth. After this heat treatment, fiberglass cloth will change to a brown colour and it will be smoke-free during the application.

Application:

No difference from fiberglass loomstate, but especially for applications where smoke is not allowed.



Technical data:

1	WEAVE		12HS Satin	Testing Method
2	YARN	WARP	EC9 136 1x4	ISO 4602
	filament	WEFT	EC9 136 1x4	ISO 4602
3	WIDTH		100 cm	DIN EN 1773
			120 cm	DIN EN 1773
			150 cm	DIN EN 1773
			180 cm	DIN EN 1773
4	CLOTH WEIGHT		1700 g/m ²	DIN EN 12127
5	TREATMENT		Caramelised (heat treated)	-
6	THICKNESS		1.7mm	DIN EN ISO 5084
7	THREAD COUNT	WARP	18 per cm	DIN EN 1049-2
		WEFT	13 per cm	DIN EN 1049-2
8	TENSILE STRENGTH(min)	WARP	10,000 N/5cm	EN ISO 13934-1
		WEFT	9,000 N/5cm	EN ISO 13934-1
9	SERVICE TEMPERATURE		Up to 500°C	-