

E Glass Insulation Fabric **DEF600HT**

Description and Advantages

Description:

Darco **DEF600HT** is woven by high quality E-glass texturized yarn, and then passes through an oven with high temperature in order to burn off the sizing and other organic elements in the cloth. After this heat treatment, fiberglass cloth will change to brown color and it will be smoke-free during the application. The fabric is also acrylic dip coated for weave locking the yarn to be fray resistant and easy to fabricators to cut and sew.

Application:

It's the ideal and excellent fabric used for welding blankets, pipe and furnace insulation.

Specification Compliance:

- Mil Spec MIL-C20079H, Type 1, Class 9

**Technical data:**

1	WEAVE		Style HT2025A Plain	Testing Method
2	YARN	WARP	EC9 430tex	ISO 4602
	texturised	WEFT	EC9 430tex	ISO 4602
3	WIDTH		100 cm	DIN EN 1773
			150 cm	DIN EN 1773
4	CLOTH WEIGHT		600 g/m ²	DIN EN 12127
5	TREATMENT		Caramelised (heat treated) and Acrylic weave locked	-
6	TOTAL THICKNESS		0.9mm	DIN EN ISO 5084
7	THREAD COUNT	WARP	8 per cm	DIN EN 1049-2
		WEFT	5.7 per cm	DIN EN 1049-2
8	TENSILE STRENGTH(min)	WARP	2250 N/5cm	EN ISO 13934-1
		WEFT	1216 N/5cm	EN ISO 13934-1
9	SERVICE TEMPERATURE		550°C	