

Silica cloth g. 600

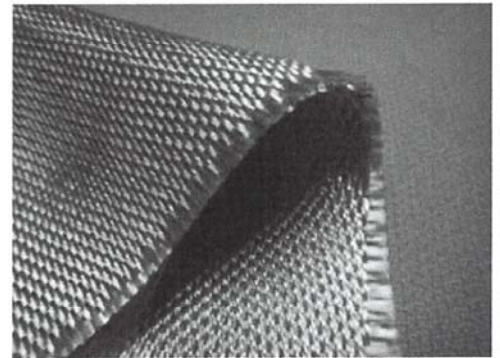
Technical Data Sheet

Description:

Silica cloth g. 600 is a medium duty fabric woven by high SiO₂ content fiberglass yarn with specially formulated acid treatment. It is a economic silica cloth suitable for continuous use at 1650°F (900°C), and able to withstand short term exposure up to 2200°F (1200°C). Additional polyurethane coating or vermiculite coating or acrylic coating will enhance the fabrics unmatched abrasion resistance and tensile strength.

Application:

This product is ideal for heat preservation material, firefighting equipment like fire curtains and fireproof garments. Very good in dust collection and filtration equipment where special material is needed to withstand high temperature gas, and in filtering high-temperature liquid metal



Technical data:

1	WEAVE		SATIN 8HS		Testing Method
2	YARN	WARP	ECG 75 1/3		ISO 4602
	(tex)	WEFT	ECG 75 1/3		ISO 4602
3	WIDTH		100cm	39.4inch	DIN EN 1773
			92cm	36.2inch	
4	THICKNESS		0.75 ± 0.10mm	0.030 inch	DIN EN ISO 5084
5	TREATMENT		Hydrochloric acid treatment		-
6	WEIGHT		600 g/m ²	17.6 OZ/YD ²	DIN EN 12127
7	THREAD COUNT	WARP	18 per cm	45 per inch	DIN EN 1049-2
		WEFT	13 per cm	33 per inch	DIN EN 1049-2
8	TENSILE STRENGTH	WARP	≥ 1200		EN ISO 13934-1
	N/Inch	WEFT	≥ 1000		EN ISO 13934-1
9	SERVICE TEMPERATURE		Up to 900°C		-