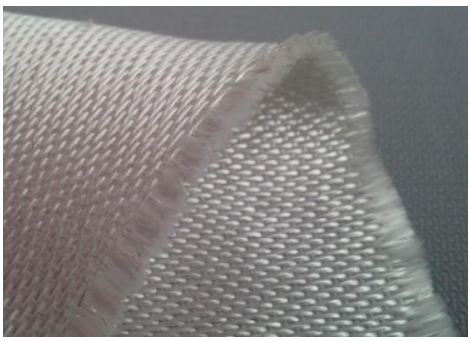
SHANGHAI E-TANG TRADING CO.,LTD.
ROOM 401, BUILDING #57, NO.2999, CAOBAO ROAD, SHANGHAI, CHINA
Tel: 0086-21-34520355/0086-15921292120 Fax: 0086-21-34520355

Technical Data Sheet

E666-W



Description:

It is fiberglass cloth woven by high quality E-glass filament yarn reinforced by stainless steel wire both in warp and weft directions. This kind of fabric has the same properties of texturized fiberglass fabrics but with very high tensile strength.

Application:

---All types of thermal insulation and heat protection like welding blanket, fire protecting curtain, expansion joints, and general insulation wrapping

---Basic cloth for finish treatment in order to meet special applications

Technical data:

1	WEAVE		8 HS Satin		Testing Method	
2	YARN (TEX)	WARP	EC9 33 2X3	ECG 150 2/3	ISO 4602	
		WEFT	EC9 33 2X3	ECG 150 2/3	ISO 4602	
3	THREAD COUNT	WARP	15 per cm	38 per inch	ASTM-D-3775	DIN EN 1049-2
		WEFT	14 per cm	36 per inch	ASTM-D-3775	DIN EN 1049-2
4	TENSILE STRENGTH	WARP	≥5000 N/5cm	≥555 lbs./inch	ASTM-D-5035	EN ISO 13934-1
		WEFT	≥4500 N/5cm	≥500 lbs./inch	ASTM-D-5035	EN ISO 13934-1
5	WIDTH		100 cm	40 inch	ASTM D 377	DIN EN 1773
			120 cm	48 inch		
6	TREATMENTS		With stainless steel wire reinforced in warp and weft direction			
7	CLOTH WEIGHT		730±30 g/m^2	21.5±0.88 oz./yd^2	ASTM-D-3776	DIN EN 12127
8	THICKNESS		0.65±0.03mm	0.026±0.0012 inch	ASTM-D-1777	DIN EN ISO 5084
9	SERVICE TEMPERATURE		Up to 550℃			

Chemical properties:

SiO_2	Al_2O_3	CaO	MgO	R_2O	Fe_2O_3	B_2O_3
54.1%+/-0.5	14.6%+/-0.4	16.6%+/-0.3	4.6%+/-0.3	<0.8%	<0.4%	8.8%+/-0.5

Remarks

1. The data above are typical values only, and should not be used for specifications purpose.
2. The products should be stored at room temperature, kept away from wet and heat source.
3. The users should take test and do trial-application on the above products before coming into application so as to witness and ensure suitability for their special purpose and technique.