

# Technical Data Sheet

## Fiberglass Blanket XU-074

### Description

Superior Fiberglass Cloth that applicable in industrial as well as apparel processes. It can continuously work on temperature of 550°C with maximum capacity, high resistance to fire and corrosion and 100% asbestos free.

### Features:

- High Tensile Strength
- Dimensional Stability
- High Heat Resistance
- Fire Resistance
- Good Thermal Conductivity
- Good Chemical Resistance
- Outstanding Electrical Properties
- Durable & economical

### Approvals

Certification body: MPA Dresden GmbH  
Fuchsmuhlenweg 6F, 09599 Freiberg, Germany  
DIN EN 13501-1:2010-01

### Application

- Insulation
- Marine and Recreational
- Advanced Composites
- Electronics
- Filtration
- Commercial & Construction
- Protective



### Materials

1	Characteristic	E-GLASS FIBERGLASS FABRIC	
2	Weave	8HS SATIN	
3	Yarn (tex)	Warp	EC9 33 4 x 2
		weft	EC9 33 4 x 2
4	Width		101.6±2cm
			40±0.75inch
			121.9±2cm
			48±0.75inch
5	Thickness		152.4±2cm
			60±1inch
6	Weight		182.9±2cm
			72±1inch
5	Thickness	1.0±0.01mm	0.036±0.0036inch
6	Weight	830±44g/m <sup>2</sup>	23.5±1.30Z/YD2
7	Thread count	warp	18±1.8 per cm
		weft	45.7±4.5 per inch
8	Tensite strength min	warp	13±1.3 per cm
		weft	33±3.3 per inch
8	Tensite strength min	warp	8000 N/5CM
		weft	888 lbs/inch
9	LOI%	1.00%	
10	maximum momentary temperature	1000°C	
11	service continuous temperature	550°C	
12	Chemical compositions	SiO <sub>2</sub> : 55-57%	
		Al <sub>2</sub> O <sub>3</sub> : 10-17%	
		CaO: 12-25%	
		MgO: 0-8%	
		B <sub>2</sub> O <sub>3</sub> : 8.5%	
		Na <sub>2</sub> O < 0.5%	