



FIBERGLASS CLOTH LAMINATE WITH ALUMINIUM FOIL

Ref No. AL3732 is fiberglass cloth woven by high quality E-glass filament yarn, and then laminated with 18 or 25-micron thick aluminum foil on one side. These fabrics provide good properties of flexibility, durability, heat and light reflection

Application:

It's the ideal and excellent fabrics used for welding blanket, fire protecting curtain, fire protecting work wear, pipe and furnace insulation



1	Weave		3 X 1 TWILL		Testing Method
2	Yarn	Warp	EC9 68 1x2	ECG 75 1/2	ISO 4602
3	(Tex)	Weft	EC9 136 1x1	ECG 37 1/0	ISO 4602
4	Width		100 cm	40 inch	DIN-EN-1773
			120 cm	48 inch	
			150 cm	60 inch	
			180 cm	72 inch	
5	Cloth Weight		430±20 g/m ²	12.7 OZ/YD ²	DIN-EN-12127
6	Cloth Style		1 side faced by aluminum foil		
7	Total Thickness		0.42±0.03 mm	0.016 inch	DIN-EN-ISO 5084
8	Thread Count	Warp	20 per cm	51 per inch	DIN-EN-1049-2
		Weft	11 per cm	28 per inch	
9	TENSILE STRENGTH (Min)	Warp	3700 N/5cm	411 lbs/inch	DIN-ISO 13934-1
		Weft	1680 N/5cm	187 lbs/inch	
10	Service Temperature		Fiberglass is 550°C while adhesive is 230°C		