

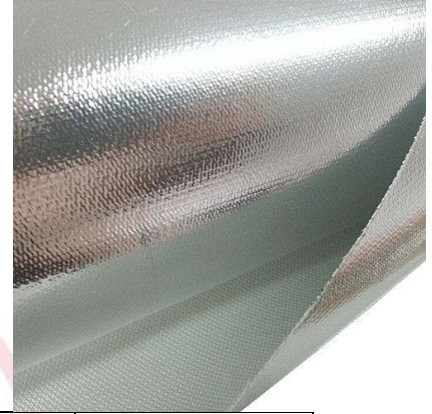


ALUMINUM FIBERGLASS

TTN Ref no.AL2025 is fiberglass cloth woven by high quality E-glass texturized yarn, and then laminated with 18 or 25micron 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, and pipe and furnace insulation.



1	Weave		Plain		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 Thickness		0.75±0.05 mm	0.030 inch	ASTM-D-1777
	Cloth Weight		600±20 g/m ²	17.2 OZ/YD ²	ASTM-D-3776
6	Cloth Style		1 side faced by aluminum foil		
7	Total Thickness		0.75±0.05 mm	0.030 inch	ASTM-D-1777
	Total Weight		650±20 g/m ²	19.2 OZ/YD ²	ASTM-D-3776
8	Thread Count	Warp	8 per cm	20 per inch	ASTM-D-3775
		Weft	5.7 per cm	14 per inch	
9	TENSILE STRENGTH (Min)	Warp	2250 N/5cm	250 lbs/inch	ASTM-D-5035
		Weft	1216 N/5cm	135 lbs/inch	
10	Service Temperature		Fiberglass is 550°C while adhesive is 230°C		