



Aluminum fiberglass

TTN Ref no. FG105TAL (1.5MM) is made of fiberglass bulk yarn which is texturized or volumized from fiberglass roving by high pressure air, 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		Plain		Testing Method
2	Yarn	Warp	ET11 1000		ISO 4602
3	(Tex)	Weft	ET11 1000		ISO 4602
4	Width		100 cm	40 inch	DIN EN 1773
			120 cm	48 inch	
			150 cm	60 inch	
5	Cloth Weight		1000 g/m ²	29.5 OZ/YD ²	DIN EN 12127
6	Coat style		1 side faced by aluminum foil		
6	Total Thickness		1.5 mm	0.59 inch	DIN EN ISO 5084
	Total Weight		1070 g/m ²	31.6 OZ/YD ²	DIN EN 12127
7	Thread Count	Warp	3.1 per cm	7.87 per inch	DIN EN 1049-2
		Weft	3 per cm	7.62 per inch	
8	TENSILE STRENGTH (Min)	Warp	3500 N/5cm	388 lbs/inch	DIN EN 13934-1
		Weft	3000 N/5cm	333 lbs/inch	
9	Service Temperature		Fiberglass is 550°C while adhesive is 230°C		