



DFIBERGLASS FABRIC 3MIL

TTN Ref no. FG105T (3mm) is made of fiberglass bulk yarn which is texturized or volumized from fiberglass roving yarn by high pressure air, it has good properties such as high temperature resistance (up to 550°C), low thermal conductivity coefficient ($<0.035 \text{ Keal/m.h. } ^\circ\text{C}$), anti-corrosion, high dust-accommodation and high filterability, moreover it has no harm to human body and is a good replacement for asbestos products.

Application:

- All types of thermal insulation and heat protection
- Expansion joints, safety defender, piping and heat insulation in nautical equipment.
- Basic cloth for finish treatment in order to meet special applications.

1	Weave		Plain		Testing Method
2	Yarn	Warp	ET11 2400		ISO 4602
3	(Tex)	Weft	ET11 2400		ISO 4602
4	Width		100 cm	40 inch	DIN EN 1773
			120 cm	48 inch	
			150 cm	60 inch	
5	Cloth Weight		1800 g/m ²	53.1 OZ/YD ²	DIN EN 12127
6	Total Thickness		3.0 mm	0.118 inch	DIN EN ISO 5084
7	Thread Count	Warp	2.4 per cm	6.10 per inch	DIN EN 1049-2
		Weft	2.0 per cm	5.00 per inch	
8	TENSILE STRENGTH (Min)	Warp	4500 N/5cm	500 lbs/inch	EN ISO 13934-1
		Weft	4000 N/5cm	444 lbs/inch	
9	Service Temperature		Up to 550°C		-