



FIBER GLASS FABRIC 1.5 MIL S.S

TTN Ref No. FG105TS is made of fiberglass bulk yarn which is textured or volatized from fiberglass roving yarn by high pressure air, meanwhile per yarn twists one S.S wire. It has good properties such as high temperature resistance (up to 550°C), low thermal conductivity coefficient (<0.035Keal/m.h.°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

Technical data:

Weave		Plain		Testing Method
Yarn	Warp	ET11 2400		ISO 4602
Tex	Weft	ET11 2401		ISO 4602
Width		100cm	40inch	ASTM-D-3774
		120cm	48inch	
		150cm	60 inch	
Cloth Weight		1000 g/m2	29.5 OZ/YD2	ASTM-D-3776
Total Thickness		1.5 mm	0.059 inch	ASTM-D-1777
Thread Count	Warp	3.1 per cm	7.87 per inch	ASTM-D-3775
	Weft	3.0 per cm	7.62 per inch	
TENSILE STRENGTH (Min)	Warp	3500 N/5cm	388 lbs/inch	ASTM-D-5035
	Weft	3000 N/5cm	333 lbs/inch	
Service Temperature		Up to 550°C		-