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TECHNICAL DATA SHEET

STYLE: TGF580HT-AL122

DESCRIPTION

TGF580HT-AL122 is a woven texturized fiberglass fabric laminated with an aluminum foil on one side. This fabric is designed for the thermal insulation jacks, smoke and fire curtains, blinds, cavity wall fire barriers and other types of fire control systems.

BASE FABRIC

Base fabric style No. TGF580HT

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	Plain	Plain	
Yarn			
Warp	ET9 430 tex	ETG 11.6	
Weft	ET9 430 tex	ETG 11.6	
Construction			
Warp	8 ± 0.8 ends/cm	20 ± 2 ends/inch	
Weft	5.7 ± 0.6 ends/cm	14 ± 1 ends/inch	
Weight	580 ± 30 g/m ²	17 ± 0.9 oz/yd ²	ASTM D3776-96
Thickness	0.7 ± 0.05 mm	0.027 ± 0.002 inch	ASTM D1777-96

COATED FABRIC

Coating style No. AL122

Coating	Aluminum foil (22 microns) laminated on one side		
Weight	650 ± 30 g/m ²	19.1 ± 0.88 oz/yd ²	ASTM D3776-96
Thickness	0.76 ± 0.04 mm	0.03 ± 0.0002 inch	ASTM D1777-96
Color	Silver		
Flame resistance	Non-combustible		
Working temp	Glass fabric up to 550 ⁰ C (1000 ⁰ F) Aluminum foil up to 140 ⁰ C (300 ⁰ F)		

All data in this specification sheet are representative which we believe to be accurate, but is given without guarantee or responsibility on our part. Anyone intending to use recommendation herein should make their own assessment of the suitability for the purpose required.

SUNTEX COMPOSITE INDUSTRIAL CO., LTD.
1212 Fortune International Building, 717 Wuluo Road, Wuhan
CHINA 430072
Tel: +86-27-878 69 042
Fax: +86-27-871 64 892
Email: suntex@public.wh.hb.cn
info@suntexcomposite.com