



www.suntexcomposite.com

TECHNICAL DATA SHEET

STYLE: TGF 640

DESCRIPTION

TGF 640 is a woven texturized fiberglass fabric. It's made with 9 micron glass yarn to provide economic yet highly effective thermal and acoustic insulation. This fabric support temperatures to 550⁰C (1000⁰F). Applications for this fabric includes lagging, padding, removable jacket, thermal insulation covers, stress relief, heavy duty welding blanket and other fire control system.

USA reference No. 2125.

PROPERTY DATA

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	Plain	Plain	
Yarn			
Warp	ET9 580 tex	ETG 8.6	
Weft	ET9 580 tex	ETG 8.6	
Construction			
Warp	6 ± 0.6 ends/cm	15 ± 1 ends/inch	ASTM D 3775-96
Weft	5 ± 0.5 picks/cm	12 ± 1 picks/inch	ASTM D 3775-96
Weight	640 ± 30 g/m ²	18.8 ± 0.8 oz/yd ²	ASTM D3776-96
Thickness	0.80 ± 0.08 mm	0.031 ± 0.003 inch	ASTM D1777-96
Standard width	101.6 ± 1 cm 152.4 ± 1 cm 182.9 ± 1 cm	40 ± 0.39 inch 60 ± 0.39 inch 72 ± 0.39 inch	ASTM D3776-96
Tensile strength			
Warp	3065 N/5 cm	350 lbf/inch	ASTM D5034-95
Weft	1401 N/5 cm	160 lbf/inch	ASTM D5034-95
Temp resistance	550 ⁰ C	1000 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