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TECHNICAL DATA SHEET

STYLE: TGF 1020-HT

DESCRIPTION

TGF 1020-HT is a woven texturized fiberglass fabric with heat treatment which reduces the airborne fibers. 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. M30 HT.

PROPERTY DATA

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	Plain	Plain	
Yarn			
Warp	ET9 860 tex	ETG 5.8	
Weft	ET9 1290 tex	ETG 3.87	
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	1020 ± 50 g/m ²	30 ± 1.5 oz/yd ²	ASTM D3776-96
Thickness	1.4 ± 0.1 mm	0.055 ± 0.005 inch	ASTM D1777-96
Standard width	101.6 ± 1 cm	40 ± 0.39 inch	
	152.4 ± 1 cm	60 ± 0.39 inch	ASTM D3776-96
	182.9 ± 1 cm	72 ± 0.39 inch	
Tensile strength			
Warp	4214 N/5 cm	481 lbf/inch	ASTM D5034-95
Weft	4500 N/5 cm	514 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 guarante 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