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TECHNICAL DATA SHEET

STYLE: TGF 880-HT

DESCRIPTION

TGF 880-HT is a woven texturized fiberglass fabric with heat clean 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 550°C. Applications for this fabric includes lagging, padding, removable jacket, thermal insulation covers, flexible expansion joints, stress relief, welding blanket and other fire control system.

PROPERTY DATA

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	4 Harness Satin	Crowfoot	
Treatment	Caramelized	Heat clean	
Yarn			
Warp	ET9 480 tex	ETG 8.6	
Weft	ET9 480 tex	ETG 8.6	
Construction			
Warp	10 ± 0.6 ends/cm	25 ± 2 ends/inch	ASTM D 3775-96
Weft	8 ± 0.5 picks/cm	20 ± 1 picks/inch	ASTM D 3775-96
Weight	880 ± 40 g/m ²	26 ± 1.2 oz/yd ²	ASTM D3776-96
Thickness	1.0 ± 0.1 mm	0.039 ± 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	3407 N/5 cm	389 lbf/inch	ASTM D5034-95
Weft	2041 N/5 cm	223 lbf/inch	ASTM D5034-95
Temp resistance	550°C	1100°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.

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