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TECHNICAL DATA SHEET

STYLE: TGF 1760-HT

DESCRIPTION

TGF 1760-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 700°C (1290°F). Applications for this fabric includes lagging, padding, removable jacket, thermal insulation covers, stress relief, welding blanket and other fire control system.

PROPERTY DATA

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	Satin 12HS	Crowfoot	
Treatment	Caramelized	Heat clean	
Yarn			
Warp	ECG36 1/4	ECG36 1/4	
Weft	ECG36 1/4	ECG36 1/4	
Construction			
Warp	18 ± 1 ends/cm	7.09 ± 0.39 ends/inch	ASTM D 3775-96
Weft	13.5 ± 1 picks/cm	5.31 ± 0.39 picks/inch	ASTM D 3775-96
Weight	1750 ±50 g/m ²	51.6 ± 1.47 oz/yd ²	ASTM D3776-96
Thickness	1.5 ± 0.1 mm	0.059 ± 0.004 inch	ASTM D1777-96
Standard width	100 ± 2 cm	39.37 ± 0.79 inch	
	152 ± 2 cm	59.84 ± 0.79 inch	ASTM D3776-96
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	700°C	1290°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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