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TECHNICAL DATA SHEET

STYLE: TGF 2050-HT

DESCRIPTION

TGF 2050-HT is a heavy weight 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 thermal padding, lagging, removable jacket, thermal insulation covers, heavy duty welding protection and other fire control system.

USA reference No. M60 HT.

PROPERTY DATA

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	Plain	Plain	
Treatment	Caramelized	Heat clean	
Yarn			
Warp	ET9 1800 tex	ETG 2.78	
Weft	ET9 3600 tex	ETG 1.39	
Construction			
Warp	6 ± 0.6 ends/cm	15 ± 1 ends/inch	ASTM D 3775-96
Weft	2.5 ± 0.2 picks/cm	6 ± 1 picks/inch	ASTM D 3775-96
Weight	2050 ± 100 g/m ²	60 ± 2.9 oz/yd ²	ASTM D3776-96
Thickness	3.0 ± 0.1 mm	0.118 ± 0.003 inch	ASTM D1777-96
Tensile strength			
Warp	4000 N/5 cm	457 lbf/inch	ASTM D5034-95
Weft	3500 N/5 cm	400 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.

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