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# TECHNICAL DATA SHEET

STYLE: TGF 580

## DESCRIPTION

TGF 580 is a medium weight 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 550°C (1000°F). Applications for this fabric includes lagging, padding, removable jacket, thermal insulation covers, welding blanket and other fire control system.

USA reference No. 2025

## PROPERTY DATA

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
<b>Weave</b>	Plain	Plain	
<b>Yarn</b>			
Warp	ET9 430 tex	ETG 11.6	
Weft	ET9 430 tex	ETG 11.6	
<b>Construction</b>			
Warp	8 ± 0.8 ends/cm	20 ± 2 ends/inch	ASTM D 3775-96
Weft	5.7 ± 0.6 picks/cm	14 ± 1 picks/inch	ASTM D 3775-96
<b>Weight</b>	580 ± 30 g/m <sup>2</sup>	17 ± 0.9 oz/yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>	0.75 ± 0.037 mm	0.029 ± 0.002 inch	ASTM D1777-96
<b>Standard width</b>	101.6 ± 1 cm	40 ± 0.39 inch	ASTM D3776-96
	152.4 ± 1 cm	60 ± 0.39 inch	
	182.9 ± 1 cm	72 ± 0.39 inch	
<b>Tensile strength</b>			
Warp	2250 N/5 cm	257 lbf/inch	ASTM D5034-95
Weft	1216 N/5 cm	140 lbf/inch	ASTM D5034-95
<b>Temp resistance</b>	550°C	1000°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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