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# TECHNICAL DATA SHEET

STYLE: TGF 815

## DESCRIPTION

TGF 815 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. M24

## PROPERTY DATA

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
<b>Weave</b>	Plain	Plain	
<b>Yarn</b>			
Warp	ET9 860 tex	ETG 5.8	
Weft	ET9 1720 tex	ETG 2.9	
<b>Construction</b>			
Warp	5 ± 0.8 ends/cm	13 ± 2 ends/inch	ASTM D 3775-96
Weft	2.5 ± 0.2 picks/cm	7 ± 1 picks/inch	ASTM D 3775-96
<b>Weight</b>	815 ± 30 g/m <sup>2</sup>	24 ± 0.9 oz/yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>	0.9 ± 0.04 mm	0.035 ± 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	2917 N/5 cm	333 lbf/inch	ASTM D5034-95
Weft	2426 N/5 cm	277 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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