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# TECHNICAL DATA SHEET

STYLE: TGF 280DE

## DESCRIPTION

TGF 280DE is a light weight woven texturized fiberglass fabric. It's made with 6 micron glass yarn for improved handling, ease of fabrication, and resistance to abrasion and flexural fatigue. This fabric support temperatures to 550°C (1000°F). Applications for this fabric include lagging, fabric expansion joints removable insulation blankets, pads, covers, and other fire control system.

USA reference No. 84215

## PROPERTY DATA

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
<b>Weave</b>	Plain	Plain	
<b>Yarn</b>			
Warp	ET6 215 tex	ETDE 22.5	
Weft	ET6 215 tex	ETDE 22.5	
<b>Construction</b>			
Warp	8 ± 0.7 ends/cm	20 ± 2 ends/inch	ASTM D 3775-96
Weft	6 ± 0.6 picks/cm	14 ± 1 picks/inch	ASTM D 3775-96
<b>Weight</b>	288 ± 15 g/m <sup>2</sup>	8.5 ± 0.4 oz/yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>	0.38 ± 0.019 mm	0.015 ± 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	901 N/5 cm	103 lbf/inch	ASTM D5034-95
Weft	676 N/5 cm	78 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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