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# TECHNICAL DATA SHEET

STYLE: TGF2050-GP245-5004

## DESCRIPTION

TGF2050-GP245-5004 is a heavy weight woven texturized fiberglass fabric coated with a specially formulated graphite and polyurethane solution which provides high temperature and abrasion resistance properties for the manufacturer of gaskets, flexible expansion joints, removable jackets and other types of fire control systems.

## BASE FABRIC

Base fabric style No. TGF2050

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
<b>Weave</b>	Plain	Plain	
<b>Yarn</b>			
Warp	ET9 1800 tex		
Weft	ET9 3600 tex		
<b>Construction</b>			
Warp	6 ± 0.6 ends/cm		ASTM D 3775-96
Weft	2.5 ± 0.5 picks/cm		ASTM D 3775-96
<b>Weight</b>	2050 ± 100 g/m <sup>2</sup>	60 ± 2.9 oz/yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>	2.45 ± 0.3 mm	0.096 ± 0.011 inch	ASTM D1777-96

## COATED FABRIC

Coating style No. GP245-5004

<b>Coating</b>	Graphite coated on both sides		
<b>Weight</b>	2250 ± 50 g/m <sup>2</sup>	66 ± 1.5 oz/yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>	2.5 ± 0.2 mm	0.098 ± 0.0078 inch	ASTM D1777-96
<b>Color</b>	Black		
<b>Temp resistance</b>	700°C	1300°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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