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TECHNICAL DATA SHEET

STYLE: TGF1000-GP235-5002

DESCRIPTION

TGF1000-GP235-5002 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.

This material is soft and pliable and easy to sew.

BASE FABRIC

Base fabric style No. TGF1000

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	Plain	Plain	
Yarn			
Warp	ET9 860 tex	ETG 5.8	
Weft	ET9 1290 tex	ETG 3.87	
Construction			
Warp	6 ± 0.6 ends/cm	15 ± 2 ends/inch	ASTM D 3775-96
Weft	5 ± 0.5 picks/cm	12 ± 1 picks/inch	ASTM D 3775-96
Weight	1020 ± 50 g/m ²	30 ± 1.5 oz/yd ²	ASTM D3776-96
Thickness	1.3 ± 0.1 mm	0.05 ± 0.005 inch	ASTM D1777-96

COATED FABRIC

Coating style No. GP235-5002

Coating	Graphite and polyurethane solution both sides		
Weight	1100 ± 50 g/m ²	32.4 ± 1.5 oz/yd ²	ASTM D3776-96
Thickness	1.4 ± 0.05 mm	0.055 ± 0.002 inch	ASTM D1777-96
Color	Black		
Temp resistance	750 ⁰ C	1300 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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