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TECHNICAL DATA SHEET

STYLE: TGF580-PU113-2019

DESCRIPTION

TGF580-PU113-2019 is a texturized fiberglass fabric with a specially formulated aluminum polymer and polyurethane solution which provides a heat reflecting surface as well as other properties for the manufacturer of fabric expansion joint, flexible ducts, smoke and fire curtains, fire barriers and other types of smoke and fire control systems.

BASE FABRIC

Base fabric style No. TGF580

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	Plain	Plain	
Yarn			
Warp	ET9 430 tex	ETG 11.6	
Weft	ET9 430 tex	ETG 11.6	
Construction			
Warp	8 ± 0.8 ends/cm	20 ± 2 ends/inch	
Weft	5.7 ± 0.6 picks/cm	14 ± 1 picks/inch	
Weight	580 ± 30 g/m ²	17 ± 0.9 oz/yd ²	ASTM D3776-96
Thickness	0.73 ± 0.037 mm	0.029 ± 0.002 inch	ASTM D1777-96

COATED FABRIC

Coating style No. PU113-2019

Coating	Aluminum polymer and polyurethane solution, one side		
Weight	620 ± 30 g/m ²	18 ± 0.88 oz/yd ²	ASTM D3776-96
Thickness	0.77 ± 0.04 mm	0.029 ± 0.002inch	ASTM D1777-96
Color	Grey		
Flame resistance	Flame retardant		
Temp resistance	Glass fabric up to 550 ⁰ C Polyurethane coating up to 180 ⁰ C		

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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