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# TECHNICAL DATA SHEET

STYLE: GF430C-PU213-2031

## DESCRIPTION

GF430C-PU213-2031 is a medium weight fiberglass fabric coated with a specially formulated polyurethane polymer, which provides a heat reflecting surface as well as other properties for the manufacturer of smoke and fire curtains, blinds, cavity wall fire barriers and other types of smoke and fire control systems. Other applications are insulation covers where can be used as an attractive alternative to foil faced laminates for less demanding end uses.

## BASE FABRIC

Base fabric style No. GF430C

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
<b>Weave</b>	4H Satin	Crowfoot	
<b>Yarn</b>			
Warp	CC9 68 1 * 2	CCG 75 1/2	
Weft	CC9 68 1 * 2	CCG 75 1/2	
<b>Construction</b>			
Warp	18 ± 1 ends/cm	48 ± 3 ends/inch	ASTM D 3775-96
Weft	12.6 ± 1 picks/cm	32 ± 3 picks/inch	ASTM D 3775-96
<b>Weight</b>	430 ± 30 g/m <sup>2</sup>	12.6 ± 0.9 oz/yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>	0.37 ± 0.06 mm	0.015 ± 0.002 inch	ASTM D1777-96

## COATED FABRIC

Coating style No. PU213-2031

<b>Coating</b>	Fire retardant, high performance, polyurethane on both sides		
<b>Weight</b>	470 ± 20 g/m <sup>2</sup>	13.8 ± 0.59 oz/yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>	0.43± 0.03 mm	0.017 ± 0.0012 inch	ASTM D1777-96
<b>Color</b>	Silver grey		
<b>Fire resistance</b>	M0 approval		NF 92507
<b>Temp resistance</b>	Glass fabric up to 550 <sup>0</sup> C (950 <sup>0</sup> F) Polyurethane coating up to 180 <sup>0</sup> C (356 <sup>0</sup> 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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