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# TECHNICAL DATA SHEET

STYLE: GF800C-PU223-2023

## DESCRIPTION

GF800C-PU223-2023 is a woven fiberglass fabric with a specially formulated polyurethane aluminum polymer which provides a heat reflecting surface as well as other properties for the manufacturer of welding blanket, removable jacket and other fire control systems.

## BASE FABRIC

Base fabric style No. GF800C

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
<b>Weave</b>	Check board	Check board	
<b>Yarn</b>			
Warp	CC9 33 1 * 8	CCG 150 1/8	
Weft	CC9 33 1 * 8	CCG 150 1/8	
<b>Construction</b>			
Warp	14.5 ± 1.4 ends/cm	37 ± 3 ends/inch	
Weft	14.5 ± 1.4 picks/cm	37 ± 3 ends/inch	
<b>Weight</b>	800 ± 40 g/m <sup>2</sup>	23.5 ± 1.1 oz/yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>	0.75 ± 0.06 mm	0.03 ± 0.002 inch	ASTM D1777-96

## COATED FABRIC

Coating style No. PU223-2023

<b>Coating</b>	Polyurethane with grey aluminum pigments, two sides		
<b>Weight</b>	880 ± 30 g/m <sup>2</sup>	25.59 ± 0.88 oz/yd <sup>2</sup>	ASTM D3776-96
<b>Thickness</b>	0.9± 0.05 mm	0.035 ± 0.0019 inch	ASTM D1777-96
<b>Color</b>	Grey		
<b>Flame resistance</b>	Flame retardant		
<b>Temp resistance</b>	Glass fabric up to 550 <sup>0</sup> C (1000 <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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