

TECHNICAL DATA SHEET

DESCRIPTION

GF430P-SI233/1066 is a medium weight fiberglass fabric coated with a high quality, fire retardant silicone rubber. It's sheen and high heat reflection. This product is designed for the manufacture of removable, reusable insulation pads, jacket and mattresses. The material is soft and pliable and easy to sew. It's also can be used for welding blankets.

BASE FABRIC

Base fabric style No. GF430P

	<u>(Metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	4H Satin	Crowfoot	
Yarn			
Warp	EC9 136 1*0	ECG 37 1/0	
Weft	EC9 136 1*0	ECG 37 1/0	
Construction			
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
Weight	430 ± 30 g/m ²	12.6 ± 0.9 oz/yd ²	ASTM D3776-96
Thickness	0.37 ± 0.06 mm	0.015 ± 0.002 inch	ASTM D1777-96

COATED FABRIC

Coating style No. SI233-1066

Coating	Silicone rubber coated on both sides		
Weight	570 ± 30 g/m ²	17 ± 0.9 oz/yd ²	ASTM D3776-96
Thickness	0.43 ± 0.03 mm	0.0169 ± 0.0012 inch	ASTM D1777-96
Color	Silver		
Fire resistance	Flame retardant		
Temp resistance	Glass fabric up to 550 ⁰ C (1000 ⁰ F) Silicone rubber coating up to 250 ⁰ C (480 ⁰ F)		