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Technical Data Sheet

CS2-C3788-350



Description:

It is C-Glass filament fabrics made of continuous fiberglass yarns, and then coated with specially formulated compound silicone rubber and aluminum pigment on both sides. This fabric provides good properties of flexibility, durability, water and oil proof, abrasion resistance, and excellent resistance for general chemicals. It has a lot of advantages such as high strength, fire retardant, high temperature resistance, chemical resistance, none-penetrative, non-toxic and so on.

Properties:

---Used in temperature from -70°C to 280°C

---Ozone, oxide, light and weathering aging resistance, excellent weather ability used in outdoors and ages can be reached to 10 years.

Application:

---Serve as welding defender, heat protection quilt, foundry splash protection

---Conveyor belt and expansion joints

---Electrical insulation, chemical corrosion resistance, packing materials

---Used for aerospace, marine, chemical industry, power plant, automobile manufacturer, construction, piping and sealing industry

Technical data:

1	WEAVE		12HS Satin		Testing Method	
2	YARN (TEX)	WARP	CC9 580 1X0	CCG 9 1/0	ISO 4602	
		WEFT	CC9 650 1X0	CCG 8 1/0	ISO 4602	
3	THREAD COUNT	WARP	18 per cm	46 per inch	ASTM-D-3775	DIN EN 1049-2
		WEFT	11 per cm	28 per inch	ASTM-D-3775	DIN EN 1049-2
4	TENSILE STRENGTH	WARP	≥55000 N/5cm	≥610 lbs./inch	ASTM-D-5035	EN ISO 13934-1
		WEFT	≥5000 N/5cm	≥555 lbs./inch	ASTM-D-5035	EN ISO 13934-1
5	WIDTH		100 cm	40 inch	ASTM D 377	DIN EN 1773
			150 cm	60 inch		
6	COATING STYLE		Coated with compound silicone rubber (350g/m ²) on both sides			
7	CLOTH WEIGHT		2000±60 g/m ²	58.9±1.77 oz./yd ²	ASTM-D-3776	DIN EN 12127
8	THICKNESS		1.8±0.15mm	0.071±0.006 inch	ASTM-D-1777	DIN EN ISO 5084
9	SERVICE TEMPERATURE		Up to 500°C while silicone is 280°C			

Remarks

1. The data above are typical values only, and should not be used for specifications purpose.
2. The products should be stored at room temperature, kept away from wet and heat source.
3. The users should take test and do trial-application on the above products before coming into application so as to witness and ensure suitability for their special purpose and technique.

