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TECHNICAL DATA SHEET

STYLE: GF 1200S

DESCRIPTION

GF1200S is a heavy weight woven fiberglass fabric, stainless steel wire reinforced in warp and weft. GF1200S provides good tensile strength and high temperature resistance properties.

GF1200S is designed for flexible expansion joint, thermal insulation padding, lagging and other fire control system. Other applications are insulation covers where

GF1200S can be used as an attractive alternative to elastomers or polymers coated for end uses

PROPERTY DATA

	<u>(metric)</u>	<u>(English)</u>	<u>Test methods</u>
Weave	Plain	Plain	
Yarn			
Warp	EC13 67 1 * 3 (S.S wire Dia: 0.08 mm)	ECK 75 1/3 (S.S wire Dia: 0.0031 inch)	
Weft	EC13 67 1 * 3 (S.S wire Dia: 0.08 mm)	ECK 75 1/3 (S.S wire Dia: 0.0031 inch)	
Construction			
Warp	14 ± 1 ends/cm	36 ± 2 ends/inch	ASTM D 3775-96
Weft	6 ± 1 picks/cm	15 ± 2 picks/inch	ASTM D 3775-96
Weight	1200 ± 60 g/m ²	35.3 ± 1.76 oz/yd ²	ASTM D3776-96
Thickness	1.1 ± 0.05 mm	0.043 ± 0.002 inch	ASTM D1777-96
Standard width	101.6 ± 1 cm	40 ± 0.39 inch	ASTM D3776-96
	121.9 ± 1 cm	48 ± 0.39 inch	
Tensile strength			
Warp	7497 N/5 cm	856 lbf/inch	ASTM D5034-95
Weft	3350 N/5 cm	382 lbf/inch	ASTM D5034-95
Temp resistance	550 ^o C for glass fabric 750 ^o C for S.S wire	1000 ^o F for glass fabric 1350 ^o F for S.S wire	

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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