

DATASHEET: TG-430-G-SH-[120/120]-2

Description

TG-430-G-SH-[120/120]-2 is a medium weight non wire reinforced glass fabric, heavily coated (240 gsm) with a specially formulated reflective silicone elastomer, which provides good protection against marine and demanding environments. It is also abrasion, flex, tear and puncture resistant.

SH is a relatively light silver colour with a more matt appearance.

This product is suitable for the manufacture of curtains and reusable covers, where a robust and resistant coating is required

Technical Data

Base Fabric				Tolerance	Test Methods
Yarn	Warp	EC9 -136		± 5%	DIN EN 12654
	Weft	EC9 -136			
Thread Count	Warp	19.0	per 1 cm	± 5%	DIN EN 1049
	Weft	11.0	per 1 cm		
Weave			3 /1 broken twill		DIN ISO 9354
Loom state Weight (typical)			420 g/m ²	± 5%	DIN EN 12127
Coated Fabric					
Coating	High Integrity silver silicone coating on both faces				
Weight (metric)			660 g/m ²	± 5%	DIN EN 12127
Thickness			0.5 mm	± 10%	DIN ISO 4603/E
Tensile Strength (Typical)	Warp	900	N/cm		DIN ISO 4606
	Weft	500	N/cm		
Temperature Resistance			-36 to 200 ° C (-33 to 392 °F)		

TG-430-G-SH-[120/120]-2 tolerates 260°C (500 °F) for short periods of time; glass fibre fabric maintains integrity up to 600 °C (1100 °F)