

DATASHEET: TG430-G-SH-[80/60]-2 (DEF570GLS2/1500/V)

Description

TG430-G-SH-[80/60]-2 (DEF570GLS2/1500/V) is a medium weight non wire reinforced glass fabric, heavily coated (140 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.

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

Technical Data

Base Fabric		Technical Data		Tolerance	Test Methods
Yarn	Warp Weft	EC9 -136 EC9 -136		± 5%	DIN EN 12654
Thread Count	Warp Weft	19.0 per 1 cm 11.0 per 1 cm		± 5%	DIN EN 1049
Weave		3 /1 broken twill			DIN ISO 9354
Loom state Weight (typical)		430 g/m ²		± 10%	DIN EN 12127
Coated Fabric					
Coating	High Integrity silver silicone coating on both faces				
Weight (metric)		570 g/m ²		± 10%	DIN EN 12127
Thickness		0.5 mm		± 10%	DIN ISO 4603/E
Tensile Strength (Typical)	Warp Weft	900 N/cm 500 N/cm			DIN ISO 4606
Temperature Resistance	-36 to 200 ° C (-33 to 392 °F)				

TG430-G-SH-[80/60]-2 tolerates 260°C (500 °F) for short periods of time glass fibre fabric maintains integrity up to 600 °C (1100 °F)

Fire Standards & Approvals:

MED marine certified Certificate No. 164.112/1121/WCL MED0310QA. Valid to 3 Nov 2024 (Doc 310QA Valmiera Glass)

Important - Information on the above characteristics is based upon tests we believe to be reliable. The values given are typical values that vary according to application conditions. The values are intended only as a source of information and are given without guarantee and do not constitute a warranty. It should be noted that the substrate test materials are generic and actual results may vary from those given above. Purchasers should independently determine prior to use the suitability of this material for their specific purposes. All Valmiera Glass materials described herein are sold subject to the Valmiera Glass conditions of sale, a copy of which is available on request.

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