DARCO INDUSTRIES
Fire Protection & Insulation Solutions

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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				**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)		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	900	N/cm		DIN ISO 4606
	Weft	500	N/cm		
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)

Revised 11/10/2021