



Technical Data Sheet 8007SR249

FIRE RESISTANT¹, OIL RESISTANT², WATERPROOF³ SILICONE COATED E-GLASS CLOTH EN 13501-1:2007+A1:2009 – B-s1, d0

<u>Finished Fabric</u>	<u>Units</u>	<u>Value</u>	<u>Tolerance</u>
Weight	g/m ²	590	±5%
Thickness	mm	0.5	±5%
Useable width (standard)	mm	1300	±5%
Roll Length (standard)	mtr	50	
Maximum operating temp.	°C	220*	
Colour/Description	Silver/Grey coating both sides.		

Base Fabric Construction

Weight	g/m ²	430	±5%
Weave pattern		4H Satin	
Construction			
Warp	per cm	18	±5%
Weft	per cm	12.6	±5%
Yarn count			
Warp	Tex	EC9 136	
Weft	Tex	EC9 136	
Tensile strength			
Warp	N/5cm	2500	±10%
Weft	N/5cm	2300	±10%
Burst Strength	kPa/50cm ²	681 Mean	±4%
ISO 13938-1			

Treatment/Coating Details

Weight	g/m ²	160	±10%
80g/m ² Silver/Grey silicone both sides.			

Comments

*Maximum continuous operating temperature is 220°C, short periods up to 260°C.
Base fabric will withstand 550°C (unstressed), melting point >800°C
Our T-Sil range gives a visually bright finish and adds heat reflection properties.

Approvals:

¹ EN 13501-1:2007+A1:2009 – reaction to fire classification: B-s1, d0

² BS EN ISO 14419: 2010 – hydrocarbon resistance test, rating number: 7

³ BS EN 20811: 1992/ISO 811: 1981 – hydrostatic pressure test, avg result:
492 cm/H₂O (Mbar)–According to BSI any fabric over 150cm can be classified as
'waterproof'.