

Supersil Coated Glass Cloth Datasheet

Product Code: RC0382R-0.45

Product Description

Glass cloth undergoes a specialised treatment wherein it is coated with a robust, heavyweight silicone rubber known as Supersil. This silicone rubber is uniquely formulated with a high concentration of iron oxide, lending it a distinctive red colour. The presence of iron oxide is crucial as it serves two significant purposes: it enhances the silicone's temperature tolerance and enables the material to withstand brief exposure with molten metal.



Technical Specification

Finished Coated Fabric	Units	Value	Tolerance
Weight	g/m ²	555	±5%
Thickness	mm	0.45	±5%
Standard Useable Width	mm	1550	±5%
Standard Roll Length	m	50	
Maximum Operating Temperature	Maximum continuous operating temperature is 250°C. Base fabric will withstand 550°C (unstressed).		
Colour / Description	Red silicone coating on one side, white glass fibres on the other side.		

Base Fabric Construction	Units	Value	Tolerance
Weight	g/m ²	425	±5%
Weave Pattern	4H Satin		
Construction:			
Warp	per cm	19.2	±5%
Weft	per cm	11.2	±5%
Yarn Count:			
Warp	TEX	EC9 136	
Weft	TEX	EC9 136	



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The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.



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Base Fabric Construction	Units	Value	Tolerance
Tensile Strength			
Warp	N / 5cm	4800	±10%
Weft	N / 5cm	3700	±10%

Base Fabric Construction	Units	Value	Tolerance
Weight	g/m ²	130	±10%
130 g/m2 of red silicone on one side.			



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REV 01
08/23