宇航橡胶
YuHang Rubber
RUBBER

南京宇航橡胶有限公司
NANJING YUHANG RUBBER CO.LTD

Manufacturers · Designers · Distributors

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/m²	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/m²	425	±5%
Weave Pattern	4H Satin		
Construction: Warp Weft	 per cm per cm	 19.2 11.2	 ±5% ±5%
Yarn Count: Warp Weft	 TEX TEX	 EC9 136 EC9 136	

REACH COMPLIANT · COMPLIANT · COMPLIANT

QMS ISO 9001 : 2015 REGISTERED

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

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

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