

Supersil Coated Glass Cloth Datasheet

Product Code: RC0382R-0.6

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.



Weather-Resistant



High Temperature



Durable



Flame Retardant

Available In -



Full Rolls



Cut to Strip

Technical Specification

| Finished Coated Fabric | Units | Value | Tolerance |
|-------------------------------|---|-------|-----------|
| Weight | g/m ² | 960 | ±5% |
| Thickness | mm | 0.6 | ±5% |
| Standard Useable Width | mm | 1500 | ±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 both sides. | | |

| Base Fabric Construction | Units | Value | Tolerance |
|--------------------------|------------------|---------|-----------|
| Weight | g/m ² | 660 | ±5% |
| Weave Pattern | 8H Satin | | |
| Construction: | | | |
| Warp | per cm | 16 | ±5% |
| Weft | per cm | 15 | ±5% |
| Yarn Count: | | | |
| Warp | TEX | EC9 204 | |
| Weft | TEX | EC9 204 | |



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| Base Fabric Construction | Units | Value | Tolerance |
|--------------------------|---------|-------|-----------|
| Tensile Strength | | | |
| Warp | N / 5cm | 1280 | ±10% |
| Weft | N / 5cm | 1000 | ±10% |

| Base Fabric Construction | Units | Value | Tolerance |
|--|------------------|-------|-----------|
| Weight | g/m ² | 300 | ±10% |
| 150 g/m2 of red silicone on each side. | | | |



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