



PTFE & Silicone Coated Fiberglass Fabric & Belt

### TDS of SILICONE COATED SERIES YS5120R0

Product	Product Category	Coating
ONE SIDE SILICONE GLASS FABRIC	SILICONE COATED SERIES	SILICONE

Properties	Metric	Imperial
Basic Fabric	Satin weaved fiberglass	
Coating	One side Silicone	
Standard width Please ask for other widths	1000, 1200 mm	39.4, 47.2 inches
Coated Weight	1550 g/m <sup>2</sup>	45.7 oz/yd <sup>2</sup>
Thickness	1.2 mm	0.047 inches
Tensile strength	Warp 3200 N/4cm	460 lbs/inches
	Fill 2800 N/4cm	400 lbs/inches
Flame Resistant	Char Length 2 cm max	Char Length 0.8 inch max
	Afterglow 1 second max	Afterglow 1 second max
	Flame Out 1 second max	Flame Out 1 second max
Temperature resistance	-73 to +260 °C	-100 to +500 °F
UV Resistance	1000 hours; no change in tensile	
Color Please ask for other color	Red	

ESONE® Silicone Coated Series is using Satin weaved fiberglass fabric, coated with special formulated silicone on one side or both sides. It has good mechanical strength, is UV resistant and Flame resistant. The color can be Gray, white, yellow, black, red or other colors. Applications of Silicone coated series include wrapping insulation for pumps, filters, exchange, pipeline, valves, freeze protection and so on, it's wrapped outside the insulation blanket, as this fabric is anti-aging, anti-chemical and anti-environment. Different color is used for different application, such as steam pipeline, oil pipeline or gas pipeline.



ESONE® is a registered trademark owned by  
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