



PTFE & Silicone Coated Fiberglass Fabric & Belt

TDS of SILICONE COATED SERIES YS5045

Product	Product Category	Coating
BOTH SIDES SILICONE GLASS FABRIC	SILICONE COATED SERIES	SILICONE

Properties	Metric	Imperial
Basic Fabric	Satin weaved fiberglass	
Coating	Both sides Silicone	
Standard width Please ask for other widths	1500 mm	60 inches
Coated Weight	595 g/m ²	17.5 oz/yd ²
Thickness	0.45 mm	0.018 inches
Tensile strength	Warp 2890 N/5cm	330 lbs/inches
	Fill 2100 N/5cm	240 lbs/inches
Mullen Burst	420 N/cm ²	600 psi
Flame Resistant	Char Length 1.5 cm max	Char Length 0.6 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	Gray/White/Yellow/Black/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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