



PTFE & Silicone Coated Fiberglass Fabric & Belt

TDS of FLUORIN COATED SERIES YS9045HS

Product	Product Category	Coating
BOTH SIDES PTFE IMPREGNATED FABRIC	STRONGER FIBERGLASS SERIES	FLUORIN(PTFE)

Properties	Metric	Imperial
Basic Fabric	Satin weaved fiberglass, with stronger glass yarn	
Coating	Both sides	
Surface resistance	10 ⁷ to 10 ⁴ OHMS/m ²	
Standard width Please ask for other widths	1500 mm	60 inches
Coated Weight	610 g/m ²	18 oz/yd ²
Thickness	0.45 mm	0.018 inches
Tensile strength	Warp 2900 N/5cm	331 lbs/inches
	Fill 2100 N/5cm	240 lbs/inches
Mullen Burst	455 N/cm ²	650 psi
Flame Resistant	Char Length 2.54 cm max	Char Length 1 inch max
	Afterglow 1 second max	Afterglow 1 second max
	Flame Out 1 second max	Flame Out 1 second max
Temperature resistance	-73 to +315 °C	-100 to +600 °F
UV Resistance	1000 hours; no change in tensile	
Color	Black	

ESONE® Stronger Fiberglass Series is using Satin weaved fiberglass fabric(with stronger glass yarn), coated with Fluorin(special formulated PTFE) on one side or both sides.

It has excellent tensile strength, is UV resistant and Flame resistant. The color can be Gray, white, yellow, black, red or other colors. Applications of Fluorin 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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