

ESONE®

PTFE & Silicone Coated Fiberglass Fabric & Belt

TDS of FLUORIN COATED SERIES YS9038HS

Product	Product Category	Coating
ANTI STATIC PTFE IMPREGNATED FABRIC	FLUORIN COATED SERIES	FLUORIN(PTFE)

Properties	Metric	Imperial
Basic Fabric	Satin weaved fiberglass	
Coating	One side	
Surface resistance	10 ⁷ to 10 ⁴ OHMS/m ²	
Standard width Please ask for other widths	1500 mm	60 inches
Coated Weight	560 g/m ²	16.5 oz/yd ²
Thickness	0.38 mm	0.016 inches
Tensile strength	Warp 3572 N/5cm	410 lbs/inches
	Fill 2679 N/5cm	350 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® Fluorin Coated Series is using Satin weaved fiberglass fabric, coated with Fluorin(special formulated PTFE) on one side or both side.

It has high 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.



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