

PRODUCT SPECIFICATION

CoolShield PVDF

1.0 BASE FABRIC

1.1	Base Fabric Weight	5.02	oz/yd ²	171	g/m ²
1.2	Fiber / Style	Polyester / Knit			

2.0 COATED FABRIC

2.1	Thickness (nominal)	45	mils	1.14	mm
2.2	Coating Type	PVDF			
2.3	Coating Distribution	50 / 50			
2.4	Sealing Properties	<input checked="" type="checkbox"/>	Dielectric	<input checked="" type="checkbox"/>	Thermal

3.0 MATERIAL PROPERTIES

		<u>Standard</u>	<u>Metric</u>	ASTM TEST METHODS
3.1	Tensile Strength, Grab			
	Warp	300 lbs	1330 N	D751-A
	Fill	250 lbs	1110 N	
3.2	Tensile Strength, 1" Strip			
	Warp	200 lbs	890 N	D751-B
	Fill	150 lbs	667 N	
3.3	Tear Strength, Tongue			
	Warp	100 lbs	445 N	D751-B (mod)
	Fill	100 lbs	445 N	
3.4	Puncture, Screwdriver	60 lbs	267 N	D751
3.5	Hydrostatic Resistance	250 psi	1.7 MPa	D751-A
3.6	Adhesion RF	20 lbs/in	35 N/cm	D751
3.7	Adhesion Thermal	20 lbs/in	35 N/cm	D751
3.8	Low Temp	-20 °F	-29 °C	D2136
3.9	High Temp, Cont/Interm.	302/ 329 °F	150/ 165 °C	D1204

COMMENTS: Preliminary values based upon initial trial run. Final values may vary.

A variety of standard widths are available. Contact Cooley Engineered Membranes for details.

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