

PRODUCT SPECIFICATION

CoolGuard<sup>®</sup> FTL40N

**1.0 BASE FABRIC**

1.1	Base Fabric Weight	15.5 oz/yd <sup>2</sup>
1.2	Fabric Style	Style 84 Polyester

**2.0 COATED FABRIC**

2.1	Total Weight	40 ± 2 oz/yd <sup>2</sup>
2.2	Coating Type	Ethylene terpolymer PVC Alloy
2.3	Coating Distribution	55 / 45
2.4	Sealing Properties	<input checked="" type="checkbox"/> Dielectric <input checked="" type="checkbox"/> Thermal

**3.0 MATERIAL PROPERTIES (Minimum)**

**Standard**

**Metric**

**ASTM TEST METHODS**

		<b><u>Standard</u></b>	<b><u>Metric</u></b>	<b>ASTM TEST METHODS</b>
3.1	Tensile Strength, Grab			
	Warp	1,000 lbs	4,450 N	D751-A
	Fill	1,000 lbs	4,450 N	
3.2	Tensile Strength, 1" Strip			
	Warp	600 lbs	2,670 N	D751-B
	Fill	600 lbs	2,670 N	
3.3	Tear Strength, Tongue			
	Warp	50 lbs	220 N	D751-B (mod)
	Fill	50 lbs	220 N	
3.4	Trapezoid Tear			
	Warp	70 lbs	310 N	D1117
	Fill	100 lbs	445 N	
3.5	Puncture, Ball	1,800 lbs	8,010 N	D751
3.6	Hydrostatic Resistance	1,000 psi	6.9 MPa	D751-A
3.7	Adhesion Ply	40 lbs/2 in	178 N/5 cm	D751 (mod)
3.8	Adhesion RF	25 lbs/in	44 N/cm	D751
3.9	Adhesion Thermal	25 lbs/in	44 N/cm	D751
3.10	Low Temp	-30 °F	-34 °C	D2136

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

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