

## PRODUCT SPECIFICATION

# CoolGuard<sup>®</sup> HRL36

### 1.0 BASE FABRIC

1.1	Base Fabric Weight	8	oz/yd <sup>2</sup>	(270	g/m <sup>2</sup> )
1.2	Fiber / Style	Polyester / Leno			

### 2.0 COATED FABRIC

2.1	Thickness (±10%)	36	mils	(0.91	mm)
2.2	Total Weight (nominal)	30	oz/yd <sup>2</sup>	(1,015	g/m <sup>2</sup> )
2.3	Coating Type	Ethylene Terpolymer PVC Alloy			
2.4	Coating Distribution	50 / 50			
2.5	Sealing Properties	<input checked="" type="checkbox"/>	Dielectric	<input checked="" type="checkbox"/>	Thermal

### 3.0 MATERIAL PROPERTIES (Minimum)

#### Standard

#### Metric

#### ASTM TEST METHODS

3.1	Tensile Strength, Grab					
	Warp (MD)	625	lbs	2,780	N	D751A
	Fill (TD)	600	lbs	2,670	N	
3.2	Tear Strength, Tongue					
	Warp (MD)	120	lbs	534	N	D751B (Mod)
	Fill (TD)	120	lbs	534	N	
3.3	Puncture, Flat Tip	220	lbs	979	N	D4833
3.4	Puncture, Ball	1,000	lbs	4,450	N	D751
3.5	Puncture, Pyramid	375	lbs	1,670	N	FTMS 101C, 2031
3.6	Hydrostatic Resistance	800	psi	5.52	MPa	D751A
3.7	Dimensional Stability (212°F/1 hr)	2.5	% max	2.5	% max	D1204
3.8	Ply Adhesion	25	lbs/2 in	111	N/5 cm	D751 (Mod)
3.9	Thermal/R.F. Adhesion	20	lbs/in	35	N/cm	D751
3.10	Low Temp Bend (1" mandrel)	-40	°F max	-40	°C max	D2136
3.11	UV Resistance	8,000	hrs	8,000	hrs	G23

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

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