

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
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3.4 Puncture, Ball

1,000	lbs	4,450	N	D751
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3.5 Puncture, Pyramid

375	lbs	1,670	N	FTMS 101C, 2031
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3.6 Hydrostatic Resistance

800	psi	5.52	MPa	D751A
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3.7 Dimensional Stability (212°F/1 hr)

2.5	% max	2.5	% max	D1204
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3.8 Ply Adhesion

25	lbs/2 in	111	N/5 cm	D751 (Mod)
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3.9 Thermal/R.F. Adhesion

20	lbs/in	35	N/cm	D751
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3.10 Low Temp Bend (1" mandrel)

-40	°F max	-40	°C max	D2136
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3.11 UV Resistance

8,000	hrs	8,000	hrs	G23
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A variety of standard widths and colors are available. Contact Cooley Engineered Membranes for details.

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