

## PRODUCT SPECIFICATION

### L4090UPW

(50,000 gallon Water Tank)

#### 1.0 BASE FABRIC

1.1	Base Fabric Weight	15.6	oz/yc <sup>2</sup>	476	g/m <sup>2</sup>
1.2	Base Fiber	Nylon / Polyester			

#### 2.0 COATED FABRIC

2.1	Total Weight	40 ±2	oz/yc <sup>2</sup>	1,350 ±68	g/m <sup>2</sup>
2.2	Overall Thickness	54 ±2	mils	1.37 ±0.05	mm
2.3	Thickness over Scrim	10	mils (min)	0.25	mm (min)
2.4	Coating Type	Urethane			
2.5	Coating Distribution	60 / 40			
2.6	Sealing Properties	<input checked="" type="checkbox"/>	Dielectric	<input checked="" type="checkbox"/>	Thermal

#### 3.0 MATERIAL PROPERTIES

##### Standard

##### Metric

##### ASTM TEST METHODS

##### 3.1 Tensile Strength, 1" Strip

Warp	500	lbs	3,110	N	D751-B
Fill	500	lbs	2,670	N	

##### 3.2 Tear Strength, Tongue

Warp	35	lbs	180	N	D751-B (mod)
Fill	35	lbs	290	N	

##### 3.3 Puncture, Screwdriver

200	lbs	1,000	N
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D751

##### 3.4 Ply Adhesion

60	lbs/2 in	133	N/5 cm
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D751 (mod)

##### 3.5 Adhesion, RF

45	lbs/in	50	N/cm
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D751

##### 3.6 Adhesion, Thermal

45	lbs/in	50	N/cm
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D751

##### 3.7 Low Temp

-60	°F	-51	°C
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D2136

##### 3.8 High Temp, Cont/Interm.

160 / 180	°F	71 / 82	°C
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D1204

**COMMENTS:** This product is designed to meet the requirements of ATPD-2265, Sizes I, II, III & IV.

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

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