

## PRODUCT SPECIFICATION

### L1023DEP

#### 1.0 BASE FABRIC

1.1	Base Fabric Weight	5.08	oz/yd <sup>2</sup>	173	g/m <sup>2</sup>
1.2	Fiber / Style	Polyester / Knit			

#### 2.0 COATED FABRIC

2.1	Total Weight	23 ±2	oz/yd <sup>2</sup>	782 ±68	g/m <sup>2</sup>
2.2	Thickness	30 ±5	mils	0.76 ±0.13	mm
2.3	Coating Type	Urethane			
2.4	Coating Distribution	60/40			
2.5	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	350 lbs	1,560 N	D751-A
Fill	300 lbs	1,330 N	
3.2 Tensile Strength, 1" Strip			
Warp	240 lbs	1,070 N	D751-B
Fill	200 lbs	890 N	
3.3 Tear Strength, Tongue			
Warp	160 lbs	712 N	D751-B (mod)
Fill	160 lbs	712 N	
3.4 Puncture, Screwdriver	75 lbs	334 N	D751
3.5 Puncture, Ball	500 lbs	2,220 N	D751
3.6 Hydrostatic Resistance	400 psi	2.8 MPa	D751-A
3.7 Ply Adhesion	35 lbs/2 in	155 N/5 cm	D751 (mod)
3.8 Adhesion Thermal	45 lbs/in	79 N/cm	D751
3.9 Low Temp	-65 °F	-54 °C	D2136
3.10 High Temp, Cont/Interm.	160 / 180 °F	71 / 82 °C	D1204
3.11 Abrasion Resistance (Wheel H18 / 1 kg)	5,000 cycles	5,000 cycles	D3884

COMMENTS: Hydraulic conductivity =  $1 \times 10^{-6}$  cm/sec (max)

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

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