

## PRODUCT SPECIFICATION

# CoolGuard<sup>®</sup> MPK60

### 1.0 BASE FABRIC

1.1	Base Fabric Weight	2.7	oz/yd <sup>2</sup>	(92	g/m <sup>2</sup> )
1.2	Fiber / Style	Polyester / Knit			

### 2.0 COATED FABRIC

2.1	Total Weight (nominal)	60	oz/yd <sup>2</sup>	(2,035	g/mm <sup>2</sup> )
2.2	Thickness (±10%)	60	mils	(1.52	mm)
2.3	Coating Type	Polymer Alloy			
2.4	Coating Distribution	50 / 50			
2.5	Sealing Properties	<u>X</u>	Dielectric	<u>X</u>	Thermal

3.0 MATERIAL PROPERTIES (Minimum)	<u>Standard</u>	<u>Metric</u>	ASTM TEST METHODS	
3.1 Tensile Strength, Grab				
	Warp (MD)	250 lbs	1,110 N	D751A
	Fill (TD)	200 lbs	890 N	
3.2 Tensile Strength, 1" Strip				
	Warp (MD)	130 lbs/in	228 N/cm	D751B
	Fill (TD)	120 lbs/in	210 N/cm	
3.3 Tear Strength, Tongue				
	Warp (MD)	40 lbs	178 N	D751B (Mod)
	Fill (TD)	30 lbs	133 N	
3.4 Puncture, Flat Tip	95 lbs	423 N	D4833	
3.5 Puncture, Ball	350 lbs	1,560 N	D751	
3.6 Puncture, Pyramid	200 lbs	890 N	FTMS 101C, 2031	
3.7 Hydrostatic Resistance	350 psi	2.41 MPa	D751-A	
3.8 Dimensional Stability (180°F/1 hr)	2 % max	2 % max	D1204	
3.9 Ply Adhesion	20 lbs/2 in	89 N/5 cm	D751 (Mod)	
3.10 Low Temp Bend	-20 °F max	-29 °C max	D2136	
3.11 Abrasion Resistance (H18/1kg)	10,000 cycles	10,000 cycles	D3885	
3.12 Dead Load Seam Strength	100 lbs @ 70°F	445 N @ 21°C	D751	
	50 lbs @ 160°F	222 N @ 71°C		

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

The information contained herein or that is supplied by us, or on our behalf, is based upon data obtained through our own research and is considered accurate. However, No Warranty is expressed or implied regarding the accuracy of this data, the results obtained from the use thereof, or that any such use will not infringe upon any patent. This information is furnished upon the condition that the person receiving it shall evaluate its suitability for the specific application.