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## Fabric Specification

<b>Part Number:</b>	90 C-01 062.000	<b>Release Date:</b>	9/1/16
<b>Description:</b>	C1	<b>Revision:</b>	1.0

Physical Property	Value			Test Method
Composition	99% Polyester, 1% Carbon			
Construction	2 X 1 Twill Weave with Carbon Grid			
Ends / Picks (per inch)	166 / 81			
Weight	3.5 oz./yd <sup>2</sup>			
Width	61" - 62"			
Stretch <i>Warp</i> <i>Fill</i>	0 - 4% 2 - 6%			
Stocked Colors	Royal, Grey, White, Navy			
<b>Test Results</b>	<b>1x</b>	<b>50x</b>	<b>100x</b>	
Water Vapor Transmission (g/m <sup>2</sup> /24 hrs.)	1720	1634	1637	ASTM E96 (D)
Paint Bleed Through (g)	≤ 0.3	≤ 0.3	≤ 0.3	Haden Method
Air Permeability (ft <sup>3</sup> /minute/ft <sup>2</sup> )	18.56	16.80	18.30	ASTM D737
Surface Resistivity (ohms/sq)	1.48 X 10 <sup>8</sup>	3.47 X 10 <sup>7</sup>	2.08 X 10 <sup>8</sup>	AATCC 76
Static Decay (seconds)	≤ 0.1	≤ 0.1	≤ 0.1	FTMS 4046 101C

Test Results are actual lab data and are not to be used as specifications.  
 Specifications are production targets. Standard tolerances apply.