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## Fabric Specification

<b>Part Number:</b>	90 NANO 062.000	<b>Release Date:</b>	9/1/16
<b>Description:</b>	Nano C3	<b>Revision:</b>	1.0

Physical Property	Value			Test Method
Composition	98% Polyester, 2% Carbon			
Construction	1 X 1 Plain Weave with Carbon Grid			
Ends / Picks (per inch)	165 / 95			
Weight	3.00 oz./yd <sup>2</sup>			
Width	61" - 62"			
Stretch <i>Warp</i> <i>Fill</i>	0 - 4% 0 - 4%			
Stocked Colors	White, Navy, Light Blue, Grey			
<b>Test Results</b>	<b>1x</b>	<b>50x</b>	<b>100x</b>	
Mean Pore Size (μ)	4.9	6.1	5.7	ASTM E1294
Water Vapor Transmission (g/m <sup>2</sup> /24 hrs.)	1112	1105	1270	ASTM E96 (D)
Air Permeability (ft <sup>3</sup> /minute/ft <sup>2</sup> )	1.98	2.78	3.80	ASTM D737
Surface Resistivity (ohms/sq)	4.51X 10 <sup>6</sup>	2.33 X 10 <sup>6</sup>	2.48 X 10 <sup>6</sup>	AATCC 76
Static Decay (seconds)	< 0.1	< 0.1	< 0.1	FTMS 4046 101C
Tensile Strength (lbs.) <i>Warp</i> <i>Fill</i>	186 136	186 136	186 136	ASTM D5034

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