LABORATORIES, INC.
Contamination Prevention and Control

TEST REPORT

Project 020317-1B

ESD Testing of Reusable Shoe Covers

Prepared For:

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Pro Shoe Covers

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CPC
LABORATORIES, INC.
Contamination Prevention and Control

Request

Surface resistivity testing of reusable shoe covers

Sample Description

Reusable black shoe covers with fabric upper and PVC sole, area = 5.17 square feet/pair
Six pairs, Size Medium, cleanroom laundered and packaged

Test Method

Three shoe cover samples were preconditioned at 70 $\pm$ 2 degrees F and 50 $\pm$ 3% relative humidity for 24 hours, then tested for surface resistivity using a Statico Model S2010 Surface Resistivity Meter. Testing was performed at a 100 volt charge. Results are expressed in ohms per square.

Test Results

Surface Resistivity, ohms/square

	Sample #1	Sample #2	Sample #3
Sole	10^{10}	10^{10}	10^{10}
Upper	10^{10}	10^{11}	10^{11}

Discussion

All surface resistivity results for both the sole and fabric upper were in the 10^{10} to 10^{11} ohms/square, which places the shoe covers in the static dissipative range.

Reference

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Report Issued By/Date Larry Ranta 3/1/17