

TEST REPORT

DATE: 12-22-2023

Page 1 of 1

TEST NUMBER: 0303568

CLIENT	M + A Matting
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TEST METHOD CONDUCTED	ANSI/ESD S7.1 Protection of Electrostatic Discharge of Susceptible Items - Flooring Materials
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DESCRIPTION OF TEST SAMPLE	
IDENTIFICATION	Waterhog 30oz.
COLOR	Black Smoke
CONSTRUCTION	Needle Punch
FIBER	PET
BACKING	Rubber

GENERAL PRINCIPLE

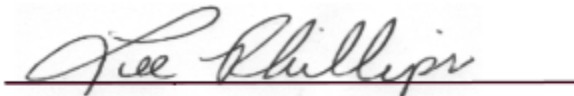
This test method is used to measure the electrical resistance of floor materials. Measurements are made from the material surface to groundable points from surface to surface. Both tests are performed at varying humidities.

TEST RESULTS

		SURFACE TO GROUND	
		50% RELATIVE HUMIDITY	12% RELATIVE HUMIDITY
	SPECIMEN 1	4.0 x 10 ⁸ Ohms	7.0 x 10 ⁹ Ohms
	SPECIMEN 2	3.5 x 10 ⁸ Ohms	6.0 x 10 ⁹ Ohms
	SPECIMEN 3	5.0 x 10 ⁸ Ohms	4.5 x 10 ⁹ Ohms
	SPECIMEN 4	8.0 x 10 ⁸ Ohms	4.0 x 10 ⁹ Ohms
	SPECIMEN 5	4.5 x 10 ⁸ Ohms	5.5 x 10 ⁹ Ohms
	AVERAGE	5.0 x 10 ⁸ Ohms	5.4 x 10 ⁹ Ohms

		SURFACE TO SURFACE	
		50% RELATIVE HUMIDITY	12% RELATIVE HUMIDITY
	SPECIMEN 1	1.5 x 10 ⁹ Ohms	2.0 x 10 ¹⁰ Ohms
	SPECIMEN 2	1.2 x 10 ⁹ Ohms	2.0 x 10 ¹⁰ Ohms
	SPECIMEN 3	1.3 x 10 ⁹ Ohms	1.9 x 10 ¹⁰ Ohms
	SPECIMEN 4	1.2 x 10 ⁹ Ohms	1.5 x 10 ¹⁰ Ohms
	SPECIMEN 5	1.3 x 10 ⁹ Ohms	1.5 x 10 ¹⁰ Ohms
	AVERAGE	1.3 x 10 ⁹ Ohms	1.8 x 10 ¹⁰ Ohms

APPROVED BY:



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