

PDESNDY Polyurethane Palm Dip ESD Nylon Gloves

ESD Technical Bulletin



Electrostatic Decay in Combination with a Person

Standard:	Rate of decay shall be less than 2.0 seconds @12%RH
Found:	+1kV to -100V Ave: 0.295 sec. -1kV to -100V Ave: 0.304 sec.
Method:	Mil-STD-3010C, 4046 (Modified)@ 12%RH

Café Glove Resistance in Combination with a Person

Target:	Less than 1.0×10^{11} ohms @12%RH and 50%RH
Range:	Min: 1.8×10^7 ohms Max: 5.8×10^8 ohms
Method:	ANSI/ESD SP15.1 @ 49.5%RH for 48 Hours

ESD Inside Shelf Life

Requirement:	2 Years
Found:	Indefinite for Storage
Reference:	Contains Antistats

Surface Resistance

Target:	Less than 1.0×10^{11} ohms @12%RH
Range:	Min: 1.4×10^7 ohms Max: 5.3×10^7 ohms
Method:	ANSI/ESD STM11.11-2015 @ 49.5%RH for 48 Hours

Surface Resistance

Target:	Less than 1.0×10^{11} ohms @12%RH
Range:	Min: 3.4×10^7 ohms Max: 8.0×10^7 ohms
Method:	ANSI/ESD STM11.11-2015 @ 10.1%RH for 48 Hours

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1" Cylinder Glove Resistance Resistance in Combination With a Person	
Target	Less than 1.0×10^{11} ohms @12%RH+/-3%RH
Range	Min: 7.5×10^5 ohms Max: 3.5×10^6 ohms
Method	Industry Testing Method @ 13.5%RH for 48 Hours

Glove Voltage Generation in Combination With a Person	
Target	Less than +/-100 volts @12%RH+/-3%RH
Range	Min: -75.7 volts Max: -19.9 volts
Method	Industry Testing Method @ 13.5%RH for 48 Hours

Glove Voltage Generation in Combination With a Person	
Target	Less than +/-100 volts @12%RH+/-3%RH
Range	Min: -43.1 volts Max: 20.0 volts
Method	Industry Testing Method @ 13.5%RH for 48 Hours

Volume Resistance	
Standard	Less than 1.0×10^{11} ohms @12%RH
Range	Min: 1.5×10^7 ohms Max: 7.2×10^7 ohms
Method	ANSI/ESD STM11.12-2015 @ 49.5%RH for 48 Hours

Volume Resistance	
Standard	Less than 1.0×10^{11} ohms @12%RH
Range	Min: 3.9×10^7 ohms Max: 6.9×10^8 ohms
Method	ANSI/ESD STM11.12-2015 @ 10.1%RH for 48 Hours

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