

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: 5.8×10^9 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

PDESNDY Polyurethane Palm Dip ESD Nylon Gloves



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

Product Recommendations: The information presented herein is not guaranteed in any way, although to the best of QRP's knowledge and belief, it is true and accurate as of this date. Because the manner and conditions of use, handling, storage and other factors may involve a variety of safety, performance, or regulatory considerations unknown to QRP, users are responsible for determining the suitability of any QRP product for their specific purpose. QRP, Inc. does not warrant the results to be obtained in using any QRP product, and disclaims all liability with respect to the use, handling or further processing of any such product.

rev: 28Sept2016