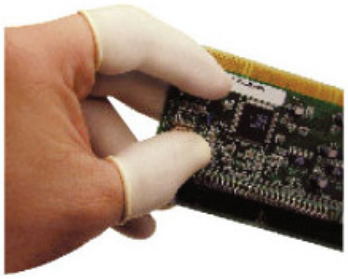
TECHNI-PRO

Product Data Sheet

ESD Safe Latex Fingercots, Cleanroom

758AP183



Product Information

The anti-static cots are designed for use with Class II static sensitive devices (thresholds above 1000V).

- Packaged for ISO 5 (Class 100) applications.
- Compliant with ASTM and IES-RP-CC 005.3 standards
- Average surface resistance of 5 X 10^{12} ohms per square unit
- ESD Safe to ANSI/ESD S20.20-2014

Glove Resistance in Combination with a Person

Target:	Less than 1.0 x 10^{11} ohms @ 12%RH and 50%RH
Range:	Min: 5.9 x 10^{10} ohms Max: 9.5 x 10^{10} ohms
Method:	ANSI/ESD SP15.1 @ 49.5%RH for 48 Hours

2-Point Resistance

Target:	1.0 x 10^{11} ohms and greater at 12%RH
Range:	Min: 3.9 x 10^{10} ohms Max: 6.2 x 10^{10} ohms
Method:	ANSI/ESD STM11.13-2015 @ 49.5%RH for 48 Hours

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: 0.401 sec. -1kV to -100V Ave: 0.545 sec.
Method:	Mil-STD-3010C, 4046 (Modified) @ 12%RH

ESD Inside Shelf Life

Requirement:	2 years
Found:	Indefinite for storage
Reference:	Contains antistats

Volume Resistance

Standard:	Less than 1.0 x 10^{11} ohms @12%RH
Range:	Min: 4.0 x 10^{9} ohms Max: 5.6 x 10^{10} ohms
Method:	ANSI/ESD STM11.13-2015(Modified) @ 49.5%RH for 48 Hours

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