

04-9938666

כי המט"ק 3 כדד כאן!

SHIRTRONICS

שירטרוניקס

ציוד ומיכשור אנטי סטטי-חדרים נקיים
Clean Room & ESD Products

LATEX GLOVES – ANTI-STATIC

Product Specification

Type	:	Anti-Static, Powder-free and non-sterilize
Material	:	Natural High Quality Latex
Powder Content	:	Max 2mg/gloves
Protein Content	:	Max 5µg/g
Design & Features	:	Ambidextrous; palm textured; beaded cuff colour : off-white to lightly yellow
Storage	:	The gloves shall maintain their properties when stored in a dry condition at temperature not higher than 30 deg. C.
Shelf-life	:	3 years from date of manufacture

Quality Assurance Standard

Parameter		Inspection Level	AQL
<ul style="list-style-type: none"> ■ Holes ■ Dimension ■ Tensile Properties ■ Visual Defects (Major) ■ Visual Defects (Minor) 	:	G1 S2 S2 S4 S4	1.5 4.0 4.0 2.5 4.0

Physical Dimension

Length (mm)	:	240+/-5 or 290 +/- 5
Width (mm)	:	<ul style="list-style-type: none"> ■ X-small : 76+/-5 ■ Small : 85+/-5 ■ Medium : 95+/-5 ■ Large : 106+/-5 ■ X-Large : 115+/-5
Thickness (mm)	:	<ul style="list-style-type: none"> ■ Fingers : 0.17+/-0.02 ■ Palm : 0.14+/-0.02 ■ Cuff : 0.10+/-0.02

Physical Properties

Elongation at break (%)	:	<ul style="list-style-type: none"> ■ Before Aging : Min 750 ■ After Aging : Min 600
Tensile Strength (MPa)	:	<ul style="list-style-type: none"> ■ Before Aging : Min 2.0 ■ After Aging : Min 1.6

Electrical Properties

Resistivity	:	$1 \times 10^9 \sim 1 \times 10^{10}$ ohms/square at 50% humidity $1 \times 10^8 \sim 1 \times 10^{10}$ ohms/square at 50% humidity (with hand on) (ASTM D 257, EST S 11.11)
Volume Resistance (Ohms)	:	$7.5 \times 10^5 \geq$ Resistivity 1×10^{12} at 50% humidity (ASTM D D 257 EST S 11.11)
Tribo charging and Charge Retention	:	$V \leq 100V$ (ASTM D D 257 EST S 11.11)

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Test Environmental/ Condition

Temperature : 23±3°C
 Relative Humidity : 50±5% RH
 Location : Control Room
 Equipment : Metrino 2000, Two Concentric Ring Probe, 5 Pound Probe
 Test Parameter : ESD, Surface Resistance
 Test Method : ANSI/ESD S TM11.11-2006
 Sample Preparation : The test sample has been keep in humidity chamber for 48 hours

Result of Test

Test	Voltage (V)	Temp & RH	Resistance, Ohm (Ω)	
			P1	P2
Glove 1	98.6	23.1°C 54%	1.34×10^9	2.34×10^9
Glove 2	98.7		2.02×10^9	3.18×10^9
Glove 3	98.6		2.05×10^9	3.17×10^9
Glove 4	98.6		4.82×10^9	7.11×10^9
Glove 5	98.7		4.16×10^9	5.97×10^9

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CERTIFICATE OF TESTING

Test Environmental / Condition

Temperature : 23±3°C
Relative Humidity : 50±5% RH
Location : Control Room
Equipment : Metrino 2000, Two Concentric Ring Probe, 5 Pound Probe, Metal Plate
Test Parameter : ESD, Volume Resistivity
Test Method : ANSI/ESD STM 11.12-2007

Result of Test

Test	Voltage (V)	Temp & RH	Resistance, Ohm (Ω)	
			P1	P2
Glove 1	98.6	23°C 55%	49.8×10^9	36.1×10^9
Glove 2	98.7		40.5×10^9	36.1×10^9
Glove 3	98.6		38.3×10^9	17.6×10^9
Glove 4	98.6		14.1×10^9	34.9×10^9
Glove 5	98.7		44.6×10^9	19.5×10^9