

BJZ	Datasheet	Article-no.: C-100 2821 - C-100 2824 Page 1
Article	Vinyl finger coats	Date: 03.06.2013

Specifications

Raw materials; Natural Rubber Latex DRC 60%(Biodegradable)

Chemical used(Non-toxic/Non-hazardous)	
Sulfur	
ZnO	Zinc oxide
EZ	Zinc diethyl dithiocarbamate
TT	Tetramethylthiuram disulfide
V	Tarndol
TiO ₂	Titanium dioxide
WINGSTAY-L	Butylated reactive product of p-cresol and dicyclopentadiene
TP	Sodium dibuty dithiocarbamate
Organic pigment	

Quality Standard	
D 3772-92 ASTM Standard Specification for Rubber Finger Cots	
IEST-RP-CC005.2 Gloves and Fingercots used in cleanroom and other controlled environment	
D 573-88(1984)el ASTM Standard test method for Rubber deterioration in an air oven	
21 CFR 170	

	Dimensions			
	Small	Medium	Large	X-Large
Length (mm)	70 ± 2	70 ± 2	70 ± 2	70 ± 2
Width (mm)	24 ± 2	28 ± 2	30 ± 2	34.5 ± 2.5
Thickness (mm)	0.09 ± 0.03	0.09 ± 0.03	0.09 ± 0.03	0.09 ± 0.03

Physical property

Tensile Strength (Mpa) > 24
Elongation at break (%) > 700

Physical Appearance

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Black color
Rolled tip, Unrolled tip without rim(optional)
Textured surface at tip area
Powder-free washed by CHLORINE

Test result FTIR & NON VOLATILE

Silicone oil : Not Detected.
Amides : Not Detected.
DOP : Not Detected.
NVR : ≤ 0.07 mg/cm².
※ IEST-RP-CC005.2.

Test result of ION CHROMATOGRAPHY

µg/cm²

[F+Cl+Br] < 3.10
[NO₂] < 0.14
[SO₄] < 0.30
[PO₄] < 0.03
[Na] < 0.65

Copper corrosion test

No visible discoloration.
(40°C, 4 hours)

LPC test

Liquid particle test(counts/ml)
0.5µm < 8000
2.0µm < 1200
5.0µm < 300
10.0µm < 60
15.0µm < 40

25.0µm < 5

(10 pcs in 500 ml DI water, 10 minutes, room temperature)

Test result of BACTERIOLOGICAL EXAMINATION

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Standard plate count @37°C for 48 hrs (per gram sample) : < 10

Yeast (per gram sample) : < 10

Mould (per gram sample) : < 10

ESD test

Static charge: < 50v

Tribo-Electric charge: 150v

Surface resistivity: $10^5 - 10^9 \Omega/\text{cm}^2$

Decay time: < 3.0sec.

(From 1000v to 100v)

(60 + 5% R.H)

Health Hazard Data

This product made of Natural Rubber Latex may cause allergic reaction on human skin. Do not continue using if skin irritation occurs. Those sensitive Latex allergic shall use other alternative hand protection such as nitrile finger cots or gloves.

Bio Compatibility

The chemical formulation of the fingercots and surface lubricating materials do not contain any substances normally known to be harmful to the user or to any person with whom the fingercots contact.

Storage instructions

Fingercots should be kept in a cool, dry place to prolong shelf life. Should avoid direct sunlight.

Fingercots are easily contaminated while in contact with copper materials.