



**Antistatic Pink Finger Cot (Class 100) ROHS
5328 Series**

Chemical used
Sulfur
Zinc oxide
Zinc diethyl dithiocarbamate
Tetramethythiuram disulfide
Tamol
Titanium dioxide
Butylated reactive product of p-cresol and dicyclopentadiene
Sodium dibuty ditiocarbamate
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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)e1 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 Appearances
Yellow color, Pink color (optional)
Rolled tip, Unrolled tip without rim (optional)
Smooth surface, Textured surface at tip area (optional)
Powder-free washed by Chlorine

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

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Test result of FTIR & NON VOLATILE
Silicone oil : Not Detected.
Amides : Not Detected.
DOP : Not Detected.
NVR : $\leq 0.07 \text{ mg/cm}^2$.
IEST-RP-CC005.2.

Test result of ION CHROMATOGRAPHY
$[\text{F} + \text{Cl} + \text{Br}] < 3.10 \text{ } \mu\text{g/cm}^{-3}$
$[\text{NO}_3] < 0.14 \text{ } \mu\text{g/cm}^{-3}$
$[\text{SO}_4] < 0.30 \text{ } \mu\text{g/cm}^{-3}$
$[\text{PO}_4] < 0.03 \text{ } \mu\text{g/cm}^{-3}$
$[\text{Na}] < 0.85 \text{ } \mu\text{g/cm}^{-3}$

Copper Corrosion test
No visible discoloration (40°C, 4 hours)

LPC test
Liquid particle test (counts/ml)
0.5 $\mu\text{m} < 8000$
2.0 $\mu\text{m} < 1200$
5.0 $\mu\text{m} < 300$
10.0 $\mu\text{m} < 60$
15.0 $\mu\text{m} < 40$
25.0 $\mu\text{m} < 5$
(10 pcs in 500 ml DI water, 10 minutes, room temperature)

Test result of BACTERIOLOGICAL EXAMINATION
Standard plate count @ 37°C for 48 hrs (per gram sample) : < 9
Yeast (per gram sample) : < 10

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Test result of FTIR & NON VOLATILE

Static charge: < 50v

Tribo-electric charge: 150v

Surface resistivity: $10^9 \sim 10^{11}$ W/cm²

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

Code	Size	Packing
5328-0001	Small	1440 pcs / 10 gross / bag, 20 bags / ctn
5328-0002	Medium	1440 pcs / 10 gross / bag, 20 bags / ctn
5328-0003	Large	1440 pcs / 10 gross / bag, 20 bags / ctn



Pro-Pack Materials Pte Ltd

The ESD & Cleanroom Specialist



5328-0001

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