

InterCots™
Nitrile Finger Cots



Product Description

Nitrile finger cots are made of 100% pure nitrile. They are designed for use with static-sensitive materials in a cleanroom environment. They are washed with hot deionized water and packed in a cleanroom environment.

Features

- 100% pure nitrile
- Manufactured without plasticizers
- Contains no phthalates esters, silicone oil and magnesium silicate
- Packed in a cleanroom environment

Application

- For use in an environment, where ESD control is required
- Picking electronic components or other sensitive items

IWG Part Number	Description	Packaging
10144-415 / 416 / 417 / 418	Nitrile Finger Cots, Natural White, Size S / M / L / XL	○ Available in 5 gross or 10 gross per bag ○ 20 bags per carton

Physical Specifications

Length (mm)	Thickness (mm)	Surface
65 ± 5	0.11 ± 0.05	Smooth
Tensile Strength		12.5 MPa Minimum
Ultimate Elongation		500% Minimum

Electrostatic Characteristics

Surface Resistivity	< 10 ¹⁰ Ohms/Square
Static Decay	< 2 seconds (1000 V to 100 V)
Tribo Charge	< 20 Volts

Contamination Characteristics

Particle Count (0.5 – 20um, cum)	< 130,000 count / piece
Silicone Oil	Not Detected
Copper Strip Corrosion	No Visible Discoloration
Ions	
- Chloride (Cl ⁻)	< 5.0 ppm
- Fluoride (F ⁻)	< 1.0 ppm
- Nitrate (NO ₃ ⁻)	< 3.0 ppm
- Phosphate (PO ₄ ³⁻)	< 1.0 ppm
- Sulfate (SO ₄ ²⁻)	< 1.5 ppm