

# Nitrile gloves 300 mm - white

## About

Nitrile Gloves are latex-free, powder-free and resistant to a range of chemicals\*. The ambidextrous, white 300 mm (12") long cleanroom gloves are antistatic, flexible and comfortable offering the wearer good dexterity for prolonged use.

## Specifications

**COMPATIBILITY:**

ISO Class 5

**LENGTH:**

300 mm (12")

**MATERIAL:**

Nitrile

**PROTEIN LEVEL:**

Nitrile contains no natural latex proteins

**SURFACE:**

Finger-textured

**SHAPE:**

Ambidextrous

**COLOUR:**

White

## Features

- Resistant to a range of chemicals\*
- Antistatic
- Latex & powder-free
- Comfortable

## Meeting international standards

- ISO 2859
- EN455: part 1-4
- EN374: part 1-3
- EN420
- EN455
- ASTM D6319

FLEXIBLE & COMFORTABLE

CHEMICAL RESISTANT\*

ANTISTATIC



# Nitrile gloves 300 mm - white

- **Product Name:** Clean Room Class 100  
White Nitrile Gloves,  
12"(300mm), Finger Textured.
  - **Brand:** ProCleanroom
  - **Shelf Life:** Four (4) years from date of manufacture
  - **Manufacture:** Made and packed in South East Asia
  - **Colour:** White
  - **Surface:** Finger Textured
  - **Design:** Ambidextrous, Beaded cuff
  - **Length:** 12 inches (300mm)
  - **Thickness:** 6MILS( ± 1 )
  - **Tensile Strength:** min 18 mpa
  - **Physical:** AQL 1.5 tor Major / AQL 2.5 for Minor (ASTM D6319)
  - **Packaging:** 100pieces/ Per-Double Poly Bag & 10Bags Per-Carton poly liner/ per-Outer Carton @1000 pices
  - **Storage Instructions:** Store in a cool dry place (5"C-30'C) away from direct sunlight and heat
  - **Material:** 100% Nitrile Butadiene Rubber
  - **Traceability:** Individual bags of 100pcs/Bag marked with traceability numbers
  - **Quality Systems:** Manufactured in a facility holding Industry Std. Clean room Plant with ISO 9001 :2015/ISO 13485:2016 MIL STD - 105E
  - **Liquid Particle Counts:** <1600 particle counts (as determined by IEST-RP-CC005.4) cumulative at 0.5micron
  - **Non-Volatile Residue:** <30.0 µg/cm<sup>2</sup>
  - **Dimension Criteria:**

Size	Palm/Width
X-Small	(75+5mm)
Small	(85+5mm)
Medium	(95+5mm)
Large	(105+5mm)
X-Large	(115±5mm)
  - **Organics:** No Silicone Oil , detected by FTIR Spectroscopy
  - **Inspection:** In accordance with ISO 2859
  - **Ionic Burden:**

	Fluoride	<0.	Su	<0.800
(µg/cm <sup>2</sup> )	Chloride	<1.500	Sodium	<0.050
(as determined by IEST-RP-CC005.4)	Bromide	<0.050	Potassium	<0.050
	Nitrate	<1.500	Lithium	<0.0004
	Phosphate	<0.800	Magnesium	<0.004
  - **Meeting International Standards:**
    - i) ISO 2859
    - ii) EN455: Part 1-4
    - iii) EN374: Part 1-3
    - iv) EN 420
    - v) EN 455
    - vi) ASTM D6319
- Length: 300 ±10mm  
Single Wall thickness (x0.01mm)  
Finger thickness : 0.16±0.03mm  
Palm thickness : 0.12±0.03mm  
Cuff thickness : 0.09±0.03mm



# Material safety data sheet 1/3

<b>Section I: Identification</b>	
<b>Product Name:</b> Clean Room Class 100 White/Blue Nitrile Gloves, Finger or Palm Textured	
<b>Raw Materials:</b>	Nitrile Latex: 95.50% Chemical: 4.50%
<b>Section II: Hazardous Ingredients / Identity Information</b>	
All chemicals used are non toxic / non hazardous. The chemicals are: 1. Carboxylated Butadiene Acrylonitrile Polymer Latex (NBR) 2. Zinc dibutyl dithiocarbamate (ZDBC) 3. Zinc mercaptobenzothiazole (ZMBT) 4. Potassium Hydroxide (KOH) 5. Sulphur (S8) 6. Zinc Oxide (ZnO) 7. Titanium Dioxide (TiO2) 8. Vultamol	
<b>Section III: Physical Data</b>	
Physical Appearance	Beading : Beaded at cuff Colour : White Surface Finishing : Finger Textured,
Powder Coating	Nil
Boiling Point	N/A
Vapour Pressure (mmHg)	N/A
Vapour Density (air = 1)	N/A
Specific Gravity (water = 1)	N/A
Solubility in Water	Insoluble
% Volatile by Volume	N/A
Evaporation Rate	N/A
Viscosity	N/A

# Material safety data sheet 2/3

<b>Section IV: Quality Assurance Conformity</b>	
Conformity:	The Nitrile Powder Free, C10 Gloves are produced conforming to FDA's 1000ml Watertight Test. ASTM D5151 and ASTM D3578 and conforms to customer specified standard accordingly.
<b>Section V: Fire and Explosion Hazard Data</b>	
Flashpoint	N/A
Autoignition Temperature	N/A
Flammable Limits	N/A
Extinguishing Media	Water, Carbondioxide, Chemical Foam, Dry Powder and Fire Extinguishing media may be used.
Fire fighting procedures and Personal Protection	Use of standard procedure for combustion material fires including approved self contained breathing apparatus.
Fire and Explosion Hazards	No fire or explosion hazards are associated with these products. They will melt at relavent temperature.
<b>Section VI: Health Hazards Data</b>	
Bio-Compatibility:	The chemical formulation of the gloves and surface lubricating materials do not contain any substances normally known to be harmful to the user or to any person with whom the gloves comes in contact.
<b>Section VII: Reactivity Data</b>	
Stability	Stable
Condition To Avoid	Does not apply
Incompatibility (Material to Avoid)	Gloves easily contaminated while in contact with copper content material
Hazardous Decomposition Products	In a fire, these product may produce a black smoke
Hazardous Polymerization	Will not occur
<b>Section VIII: Spill, Leak and Disposal Procedures</b>	
Steps to be taken in case material is leaked or spilled	These products are solid articles and are not subjects to leak or spill.
Waste Disposal Method	Consult current local, state and federal regulations for proper disposal methods



# Material safety data sheet 3/3

<b>Section IX: Personal Protection Information</b>	
Eye, Skin, Respiratory Protection	Not necessary under condition of intended use
Ventilation	Not necessary under condition of intended use
<b>Section X: Special Precautions</b>	
<b>Caution to be taken in handling and storage</b>	
Glove should be kept in cool and dry place to prolong its shelf life. Avoid storing under direct sunlight.	
Important Note: None of the component chemicals used contain Silicon Oil and the final product is Silicon Oil free. * TLV - Threshold Limit Value established by Occupational Safety and Health Administration (OSHA) PEL - Permissible Exposure Limit established by the American Conference of Industrial Hygienist, 87-88	