

## NITRILE EXAMINATION GLOVES POWDER FREE

### DESCRIPTION:

Nitrile examination gloves are medical-grade gloves made from a synthetic rubber called nitrile. They are a popular choice for healthcare workers and other professionals who need to protect their hands from blood, bodily fluids, and other hazardous materials. Nitrile gloves are also a good option for people who are allergic to latex, as they are latex-free.

Benefits of nitrile examination gloves

- **Latex-free:** Nitrile gloves are latex-free, making them a good option for people who are allergic to latex.
- **Durable:** Nitrile gloves are more durable than latex gloves, and they are less likely to tear or puncture.
- **Chemical resistant:** Nitrile gloves are resistant to a wide range of chemicals, including oils, solvents, and acids.
- **Comfortable:** Nitrile gloves are comfortable to wear, and they do not contain any powder that can irritate the skin

### DESIGN & FEATURES:

- **Conforms to ASTM D 6319-2019 standard.**
- Ambidextrous fit either hand.
- Textured at fingertip area.
- The cuff shall fit closely without being obstructive and it shall not roll back or ruckle while in use.
- Products have shelf life of 3 years from the date of manufacturing
- Each glove has non-detectable levels of chemical residue.
- Excellent barrier protection.
- Nontoxic and non-irritant.

### CAUTION:

- For single use only.
- Keep the gloves in cool, dry place and away from direct sun light.
- Reuse of gloves may cause infection, allergic reaction and poor barrier protection.
- Dispose after use as per hospital policies or country's regulatory norms.

### INTENDED USE

- **Medical examinations:** Nitrile gloves are commonly used by healthcare workers during medical examinations.

- Laboratory work: Nitrile gloves are also used by laboratory workers to protect their hands from hazardous materials.
- Cleaning and sanitation: Nitrile gloves can be used for cleaning and sanitation tasks, such as handling garbage or cleaning up spills.
- Food preparation: Nitrile gloves are food-grade and can be used for food preparation.

## STANDARD – ASTM D 6319:2019

### Physical Dimension

Size	Length (mm) Min	Palm Width (mm)	Thickness (mm) Min	
			Palm	Finger
Extra small	≥220	70±10	0.05	0.05
Small		80±10		
Medium	≥230	95±10		
Large		110±10		
Extra large		120±10		

### Physical Properties

Characteristics	Before Ageing	After Ageing 70 ± 2° C for 166 hrs ± 2hrs.
Tensile strength (MPa) ,Min	14	14
Ultimate elongation(%) ,Min	500	400

Total protein content :  
 Not applicable  
 Powder content (as per ASTM D 6319:2019) : < 2 mg/ glove

Labeling : Shall comply with the regulatory requirements and customer requirements

Packing : 100 pieces in an inner box , 20 such inner boxes in an outer carton

#### PERFORMANCE REQUIREMENTS

Sampling procedure: ISO 2859 Part I Sampling plan  
 i. General Inspection Level (For freedom from pinholes)  
 ii. Special Inspection Level (For all other tests)

Characteristic	Inspection Level	AQL
Freedom from holes (ASTM D 6319:2019)	G1	2.5

Physical Dimensions	S2	4. 0
Physical Properties	S2	4. 0
Powder free residue	N=5	N / A