

Nitrile Gloves

◆ Product Description

Made from premium synthetic nitrile rubber, these gloves are engineered for high-protection scenarios, combining durability, flexibility, and comfort. Latex-free to eliminate allergy risks, they are ideal for medical, laboratory, industrial, and daily protection applications.



- High elasticity and flexibility
- Good puncture resistance
- Waterproof
- High cleanliness
- Protective Properties: Chemical resistance/puncture resistance, and microbial barrier.

◆ Product Structure

- The main body of the glove is the primary part of the glove, extending from the fingertips to the wrist or arm, used to cover the hand and provide protection. depending on different usage requirements, it has different lengths and thicknesses the cuff is located at the opening of the glove, which serves to fix the glove and prevent external substances from entering the inside of the glove. Common cuff styles include straight cuffs and rolled cuffs, etc. The nitrile rubber layer is the main component of nitrile gloves, formed by the emulsion polymerization of butadiene and acrylonitrile. It has excellent properties such as oil resistance, chemical corrosion resistance, tear resistance and puncture resistance, and can effectively block the damage to the hand caused by oil stains, chemical substances and sharp objects.

◆ Typical Applications

- Nitrile gloves are widely used. In the medical and nursing fields, they provide protection for medical staff when they come into contact with body fluids, etc., avoiding cross - infection and latex allergy. In laboratories and scientific research, they ensure the safety of experimenters when handling toxic reagents, etc. in cleaning and industrial scenarios, they can resist oil stains, etc. In food processing, they meet safety certifications. In daily protection, they are used for home cleaning and other purposes.

◆ Typical Product Data and Physical Properties

Material: 100% synthetic nitrile rubber (latex-free)
 Color: Blue/White
 Size: 9"XS# - XXL# 12" XS#-XXL#
 Length: 9" 220mm±10mm 12" 280mm±20mm
 Tensile Strength: ≥14 Mpa
 Elongation at Break: ≥400%
 Tear Resistance: ≥18 N/mm
 Packing Method: 50 Pairs/bag, 500 Pairs/Carton.

Availability:

Item#	Size	Color	Cleanroom Class	Surface Treatment
1.1.05.11.0003-0007	12" S#-L#	White	-	Numb fingers
1.1.05.11.0013-0015	9" S#-L#	Blue	-	-
1.1.05.11.0086-0128	S#-XL#	White	Class 1000	Non-slip
1.1.05.11.0035-0038	S#-XL#	White	Class 100	Non-slip
1.1.05.11.0133	M#	Blue	Medical	-

◆ Technical and Application Assistance

HORB provides a technical hotline to answer your technical and application related questions.

◆ Note:

This information is believed to be accurate. It is intended for professional end users having the skills to evaluate and use the data properly. HORB data for reference only

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