

Product

NITRILE DISPOSABLE GLOVES

POWDER FREE



INIX GLOVES

Nitrile is a soft elastic material with better puncture and abrasion resistance than latex or vinyl gloves. It is made from a synthetic polymer that exhibit rubber like characteristics when vulcanized. Its chemical name is Carboxylated Acrylonitrile Butadiene Latex. Being synthetic, it has no natural rubber latex proteins that cause allergy. Hence, it is suitable for those whom have such allergy issue. Compared to vinyl, super soft nitrile gloves are more elastic, and flexible resembling latex gloves. Thus providing less fatigue, and more comfort for longer hours of usage.



It has better resistance and to a wider range of toxic chemicals and common solvents, such as hydrocarbons, oils and fats. Thus, it is suitable for many industries. Nitrile gloves have good barrier protection properties, very durable and excellent strength. However, it is generally more expensive than latex or vinyl gloves.



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Functional Benefits

- ❖ Easy donning and exceptional durability.
- ❖ Textured fingertips enhances wet and dry grip.
- ❖ Thinner gauge improves tactile sensitivity.
- ❖ Custom design enhance comfort and fit.
- ❖ Lower levels of chemicals reduce the risk of irritant or allergic contact dermatitis (Type IV).

Quality Standards

- ❖ Conforms to EN 374, EN 455
- ❖ Manufactured in accordance with ISO 9001 45001, 14001, 22000, 27001, 37001 & 13485
- ❖ Come with CE Marking, FDA 20 and FDA 510(k)

Clinical Specifications

- ❖ Latex Safe - primary materials is acrylonitrile-butadiene, eliminating the potential for Type I allergic reactions to latex proteins.
- ❖ Non-detachable levels of chemical allergens, reducing the potential for irritation and Type IV hypersensitivity.
- ❖ Permeations resistant to ten chemotherapy drugs and 4% glutaraldehyde, offering superior chemical protection.



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Product Specifications

Type	Non-sterile, Powder-free.
Material	100% Synthetic Nitrile Latex.
Design & Features	Ambidextrous; fully textured; beaded cuff; natural white or coloured (blue).
Storage	The gloves shall maintain their properties when stored in a dry condition at temperature not higher than 30°C.
Moisture Content	Below 0.8% per glove.
Colour	White Blue Violet Blue
Shelf-life	5 years and 3 years from date of manufacture for Powdered and Powder-free respectively.
Weight	3grm / 3.5grm / 4 grm / 4.5 grm / 5 grm / 5.5 grm / 6 grm

Elongation at break (%)					
before aging	Min. 500				
after aging	Min. 400				
Tensile Strength (MPa)					
before aging	Min 12.5				
after aging	Min 12.5				
Sizes	XS	S	M	L	XL
Length (mm)	240 min.	240 min.	240 min.	240 min.	240 min.
Width (mm)	70 ± 10	80 ± 10	95 ± 10	110 ± 10	120 ± 10
Thickness (mm)	0.05 min				