Nitrilite®

93-401
Clean Nitrile Glove

NBR
Nitrile

Low allergy potential and reliable protection for clean environments

Nitrilite® 93-401 is a non-sterile accelerator free nitrile glove with very low levels of ionic content and particles for reliable product protection. Designed for use in Class 10 (ISO 4) clean room environments.

- **Compatible with Class 10 (ISO 4)**
- **Very low levels of ionic content and particulate for excellent product protection**
- **Nitrile formulation free of latex proteins and accelerators to avoid susceptibility of Type I or IV allergic reactions**

Industries

- Biotechnology Manufacturing
- Medical Device Manufacturing
- Electronics manufacturing

Recommended For

- Clean room cleaning and preparing
- Blending, compounding solids and liquids
- Spill or leakage cleanup
- Transferring liquids and solids
- Loading centrifuges and chromatography columns
- Assembly of parts
- Weighing and dispensing of solid and liquid raw materials

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TECHNICAL DATA SHEET

	Product Information
Material	Nitrile
Color	Natural
Shape	Ambidextrous
Cuff	Beaded
Manufacturing/QMS Audit Standards	ISO 9001:2015
Regulatory	Category III, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, FDA21 CFR 177-2600-US Food Contact Approved
Packaging	50 gloves per inner bag ; 2 inner bags per master polybag ; 10 master polybags per (1000 gloves) per liner bag
Storage	Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone or ignition.
Country of Origin	Malaysia
Available sizes	S (6-6.5), M (7-7.5), L (8-8.5), XL (9-9.5), XXL (10-10.5), XS (5-5.5)
Powder Content	Powder-Free
External Glove Surface	Textured Fingers
Internal Glove Surface	Powder-Free, Chlorinated
Cleanroom Class	Class 10/ISO 4
Shelf Life	5 Years
Tested for use with Chemotherapy Drugs	No
Protein Level	N/A: contains no natural rubber latex
Anti-static	Yes EN1149

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Physical Properties		Testing Method
Typical Length (mm/in)	300 / 12	EN 420/ASTM D3767
Freedom from Holes	1.5 AQL	EN 455-1/ASTM D3577
Typical Particle Count ≥0.5µm (counts / cm²)	< 400 particles / cm²	IEST-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.11 / 4.3	EN 420/ASTM D3767
Target Single Wall Finger Thickness (mm/mil)	0.13 / 5.1	EN 420/ASTM D3767
Target Single Wall Cuff Thickness (mm/mil)	0.08 / 3.1	EN 420/ASTM D3767
Ultimate tensile strength (MPa) Before Aging	≥ 18	ASTM D412-06a

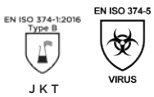
IONIC CONTENT

Concentration in µg/cm²	Typical	Concentration in µg/cm²	Typical
Calcium	0.175	Potassium	0.006
Chloride	N/A	Sodium	0.012
Lithium	0.0001	Sulphate	0.004
Magnesium	0.001	Zinc	0.017
Nitrate	0.048		

ORDERING INFORMATION

SIZE	S (6-6.5)	M (7-7.5)	L (8-8.5)	XL (9-9.5)	XXL (10-10.5)
REORDER NO.	365758	365759	365760	365761	365772

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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