MICROFLEX®
ADVANCED DISPOSABLE HAND PROTECTION

93-360

Non-sterile Disposable Nitrile & Neoprene (Polychloroprene) Cleanroom Glove

Extra-thin chemical-resistant cleanroom gloves, featuring a robust, tactile three-layer design

- **Specialized protection:** MICROFLEX® 93-360 antistatic cleanroom gloves feature a three-layer design, offering superb protection from harsh chemicals, including acids, bases and various solvents
- **Elevated comfort:** Their extra-soft proprietary formulation combines comfort, tactility and dexterity
- **Reduced allergy risks:** These silicone-free cleanroom gloves' nitrile and neoprene composite is free of latex, preventing the risk of Type I latex allergies
- **Minimized contamination risks:** As these MICROFLEX® gloves come in non-particulating EasyTear packaging, potential contamination risks are also kept to a minimum



KEY FEATURES & BENEFITS

- **Three-layer design:** Protection against harsh chemical hazards*
- **Proprietary formulation:** Comfort, tactility and dexterity
- **Nitrile and neoprene composite:** Type I latex allergy risks eliminated

*including acids, solvents and bases

Industries

- Pharmaceutical Manufacturing
- 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 and Neoprene (Polychloroprene)
Color	Teal, Blue
Shape	Ambidextrous
Cuff	Beaded
Manufacturing/QMS Audit Standards	ISO 9001
Regulatory	ASTM D6319, CE 0493, EN 421:2010, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, FDA21 CFR 177-2600-US Food Contact Approved, UKCA
Packaging	50 gloves packed in a vacuum-sealed polybag. 1 bag of 50 gloves per master polybag. 10 master polybags inside a poly case liner placed inside a shipper/carton. In total 500 gloves per carton. **More sustainable packaging:** These nitrile and neoprene gloves are packed in recyclable plastic packaging* and delivered in recycled cardboard shipper cases. *Inner wrap, pouch, bag and liner are made from polyethylene (PE) based film. Always check your local recyclable status as these materials may not be considered suitable for recycling in your location.
Storage	Keep away from direct sunlight; store in a dry place and keep in the original packaging. Keep away from ozone sources. If products are properly stored, as indicated, they won't lose their performances or change characteristics significantly. If products could be affected by ageing or storage, the expiry date is mentioned on the packaging materials.
Country of Origin	Sri Lanka
Available sizes	XS (5.5 - 6), S (6.5 - 7), M (7.5 - 8), L (8.5 - 9), XL (9.5 - 10), XXL (10.5 - 11)
Powder Content	Powder-Free
External Glove Surface	Textured Fingers
Internal Glove Surface	Chlorinated
Cleanroom Class	Class 100/ISO 5
Shelf Life	5 years
Tested for use with Chemotherapy Drugs	Yes, in accordance with ASTM D6978 (Not listed in the US FDA 510k)
Protein Level	N/A: contains no natural rubber latex
Anti-static	Yes

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Physical Properties							Testing Method
Sizes	XS (5.5 - 6)	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)	XXL (10.5 - 11)	EN 420,ASTM D3767
Typical Length (mm/in)	≥ 285 / 11.2						
Palm Width (mm/in)	78	89	98	111	116	122	
Freedom from Holes	0.65 AQL						ASTM D6319-10,ASTM D5151-06 (2011)
Target Single Wall Palm Thickness (mm/mil)	0.198 / 7.9						EN 420,ASTM D3767
Target Single Wall Finger Thickness (mm/mil)	0.20 / 7.9						EN 420/ASTM D3767
Target Single Wall Cuff Thickness (mm/mil)	0.13 / 5.1						EN 420/ASTM D3767
Ultimate tensile strength (MPa) Before Aging	22						ASTM D412-06a
Ultimate tensile strength (MPa) During Aging	26						ASTM D412-06a
Force at Break (N) Before Aging	16						EN 455-2
Force at Break (N) During Aging	≥ 17						EN 455-2

IONIC CONTENT

Concentration in µg/cm²	Typical	Concentration in µg/cm²	Typical
Ammonium	<0.0235	Nitrate	<0.382
Bromide	Not Detected	Nitrite	Not Detected
Calcium	<0.361	Phosphate	Not Detected
Chloride	<0.238	Potassium	<0.022
Fluoride	Not Detected	Sodium	<0.032
Lithium	Not Detected	Sulphate	<0.075
Magnesium	Not Detected	Zinc	<0.021

ORDERING INFORMATION

SIZE	XS (5.5 - 6)	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)	XXL (10.5 - 11)
REORDER NO.	93360060	93360070	93360080	93360090	93360100	93360110

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE

CE 0493 EN 421 EN ISO 374-1:2016 Type A JKLOPST EN ISO 374-5 VIRUS UKCA

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