

## 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
- **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

**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 0086, 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
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.
Storage	Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone or ignition.
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 EN1149

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
Force at Break (N) Before Aging	16						EN 455-2

## IONIC CONTENT

Concentration in µg/cm <sup>2</sup>	Typical	Concentration in µg/cm <sup>2</sup>	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



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