

## The thinnest, chemical resistant disposable cleanroom glove

Microflex® 93-360 is a thin, chemical resistant disposable glove designed for cleanroom environments. It is made of an innovative, synthetic composite material for tough chemical protection. The extra soft formulation and ergonomic design provides a comfortable fit and feel for extended wear times.



- Cleanroom glove compatible with controlled environments
- Three layer design for superior protection against harsh chemicals including acids, solvents and bases
- Thin mil construction provides enhanced tactility and dexterity
- Nitrile and neoprene composite prevents risk of Type I allergies
- Easy donning interior provides a dry feel and eases the donning and doffing process
- Non-particulating packaging designed to reduce contamination
- Silicone-free
- Anti-static

### 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

	<b>93-360</b>
Material	Nitrile and Neoprene (Polychloroprene)
Color	Teal, Blue
Shape	Ambidextrous
Cuff	Beaded
Manufacturing/QMS Audit Standards	ISO 9001
Regulatory/Standards Compliance	ASTM D6319, CE 0086, EAC TP TC 019:2011, EN 388:2016, EN 420:2003 + A1:2009, EN 421:2010, EN ISO 374-5:2016, EN ISO 374-1:2016, FDA21 CFR 177-2600
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
Sterilization Method	Not Applicable
Cleanroom Class	Class 100/ISO 5 & Class 1000/ISO 6
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
Vulcanization Chemical Accelerators	<ul style="list-style-type: none"> <li>Zinc Dibutyldithiocarbamate (ZDBC)</li> </ul> <p><i>Only a very small number of users may be sensitive to this ingredient(s) and hence may develop irritant and/or allergic contact reactions.</i></p>

## PHYSICAL PROPERTIES

Sizes	Typical Values						Testing Method
	XS (5.5 - 6)	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)	XXL (10.5 - 11)	
Length (mm/in)	300 / 12						EN 420,ASTM D3767
Palm Width (mm/in)	78	89	98	111	116	122	
Freedom from Holes	0.65 AQL						ASTM D6319-10,ASTM D5151-06 (2011)
Minimum Single Wall Palm Thickness (mm/mil)	0.198 / 7.9						EN 420,ASTM D3767
Minimum Single Wall Finger Thickness (mm/mil)	0.20 / 7.9						EN 420/ASTM D3767
Minimum Single Wall Cuff Thickness (mm/mil)	0.13 / 5.1						EN 420/ASTM D3767
	Before Ageing			During Ageing			
Ultimate tensile strength (MPa)	22			26			ASTM D412-06a
Force at Break (N)	16			≥ 17			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)
93-360	REORDER NO.	93360060	93360070	93360080	93360090	93360100	93360110

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## Performance Standards and Regulatory Compliance



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