

# 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

|  | 93-360  |
|--|---|
| 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  |
| Internal Glove Surface                 | Chlorinated   |
| 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   |

### PHYSICAL PROPERTIES

|   | Typical Values |             |             |               |               |                 | 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                  |
| Length (mm/in)                                | 300 / 12       |             |             |               |               |                 |                                    |
| 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/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) |
|--------|-------------|--------------|-------------|-------------|-------------|---------------|-----------------|
| 93-360 | REORDER NO. | 93360060     | 93360070    | 93360080    | 93360090    | 93360100      | 93360110        |

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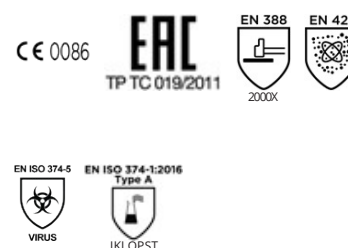
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### Performance Standards and Regulatory Compliance



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