

## Latex disposable gloves with textured fingers, designed for Class 100 (ISO 5) environments

- **Elevated comfort:** MICROFLEX® CE5-512 cleanroom gloves are made using a soft latex formulation, offering an ideal blend of comfort and dexterity
- **Enhanced grip:** These disposable latex gloves are also designed with textured fingers, for solid grip performance in various conditions
- **Assured product integrity:** As these MICROFLEX® gloves are free of silicone, they pose a lesser risk to product and component integrity



### KEY FEATURES & BENEFITS

- **Soft latex formulation:** A balance of comfort and dexterity
- **Textured fingers:** Enhanced grip performance
- **Silicone-free design:** Assured product protection

### Industries

- Pharmaceutical Manufacturing
- Biotechnology 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                               | Natural Rubber Latex   |
| Color                                  | Natural  |
| Shape                                  | Ambidextrous   |
| Cuff                                   | Beaded   |
| Manufacturing/QMS Audit Standards      | ISO 9001:2015  |
| Packaging                              | 10 polybags per 1 master bag; 1 master polybag per case; 100 gloves per double polybag                   |
| 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                        | XS (5.5 - 6), S (6.5 - 7), M (7.5 - 8), L (8.5 - 9), XL (9.5 - 10)                                       |
| Powder Content                         | Powder-Free  |
| External Glove Surface                 | Textured Fingers   |
| Internal Glove Surface                 | Powder-Free  |
| Cleanroom Class                        | Class 100/ISO 5  |
| Shelf Life                             | 3 Years  |
| Tested for use with Chemotherapy Drugs | No   |
| Protein Level                          | 50 µg/g or less of total extractable protein   |
| Anti-static                            | No   |

| Physical Properties  |                                     | Testing Method                |
|--|-------------------------------------|-------------------------------|
| Typical Length (mm/in)   | 300 / 12                            | EN 420/ASTM D3767             |
| Freedom from Holes   | 1.5 AQL                             | EN 455-1,ASTM D5151-06 (2011) |
| Typical Particle Count $\geq 0.5\mu\text{m}$ (counts / cm <sup>2</sup> ) | < 2,000 particles / cm <sup>2</sup> | IEST-RP-CC005.4               |
| Target Single Wall Palm Thickness (mm/mil)                               | 0.14 / 5.5                          | EN 420/ASTM D3767             |
| Target Single Wall Finger Thickness (mm/mil)                             | 0.18 / 7.1                          | EN 420/ASTM D3767             |
| Target Single Wall Cuff Thickness (mm/mil)                               | 0.11 / 4.3                          | EN 420/ASTM D3767             |
| Ultimate tensile strength (MPa) Before Aging                             | $\geq 21$                           | ASTM D412-06a                 |
| Ultimate tensile strength (MPa) During Aging                             | $\geq 16$                           | ASTM D412-06a                 |

## ORDERING INFORMATION

| SIZE        | XS (5.5 - 6) | S (6.5 - 7) | M (7.5 - 8) | L (8.5 - 9) | XL (9.5 - 10) |
|-------------|--------------|-------------|-------------|-------------|---------------|
| REORDER NO. | CE5-512-XS   | CE5-512-S   | CE5-512-M   | CE5-512-L   | CE5-512-XL    |

## PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE

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