

Advanced powder-free cleanroom gloves, fully compliant with ISO 9001 standards

- **Elevated comfort and tactility:** MICROFLEX® HSCE4-879 cleanroom gloves' natural rubber latex formulation and hand-specific design enhance dexterity, tactility and comfort, while minimizing strain
- **Assured cleanliness:** Compliant with ASTM* and IEST** standards, they are manufactured in a totally integrated facility certified to ISO 9001 specification, for truly reliable cleanroom hand protection
- **Sterility assurance:** These cleanroom gloves are sterilized by gamma irradiation, with a sterility assurance level (SAL) of 10-6



CAUTION: This product contains natural rubber latex (latex) which may cause allergic reactions in some users. Safe use of this glove by or on latex sensitized individuals has not been established.

*tested in accordance with FTMS 101-C, 4046

**tested in accordance with IEST-RP-CC-005.4

KEY FEATURES & BENEFITS

- **Natural rubber latex formulation:** Superb dexterity, tactility and comfort
- **Hand-specific anatomical design:** Reduced strain, better ergonomics
- **Gamma sterilization:** Sterility assurance level (SAL) of 10-6

Industries

- Pharmaceutical Manufacturing
- Biotechnology Manufacturing
- Controlled and Critical Environments

Recommended For

- Transferring liquids and solids
- Packaging and labeling
- Transferring liquids
- Aseptic filling and labelling



TECHNICAL DATA SHEET

Product Information	
Material	Natural Rubber Latex
Color	Natural
Shape	Hand Specific
Cuff	Beaded
Manufacturing/QMS Audit Standards	ISO 9001:2015
Packaging	1 pair per poly wallet; 1 poly wallet per inner polybag; 10 polybags per master polybag; 20 master polybags 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	Malaysia
Available sizes	6.0, 6.5, 7.0, 7.5, 8.0, 8.5, 9.0
Powder Content	Powder-Free
External Glove Surface	Smooth
Internal Glove Surface	Chlorinated
Sterilization Method	GAMMA irradiation (Minimum 20 kGy)
Cleanroom Class	Class 10/ISO 4
Shelf Life	3 years
Tested for use with Chemotherapy Drugs	No
Protein Level	50 µg/dm ² 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^2)	Max. 650 particles/ cm^2	IEST-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	Min. 0.15 / 5.9	EN 420/ASTM D3767
Target Single Wall Finger Thickness (mm/mil)	Min. 0.20 / 7.9	EN 420/ASTM D3767
Target Single Wall Cuff Thickness (mm/mil)	Min. 0.13 / 5.1	EN 420/ASTM D3767
Ultimate tensile strength (MPa) Before Aging	21	ASTM D412-06a
Ultimate tensile strength (MPa) During Aging	16	ASTM D412-06a

IONIC CONTENT

Concentration in $\mu\text{g}/\text{cm}^2$	Typical	Concentration in $\mu\text{g}/\text{cm}^2$	Typical
Bromide	0.042	Nitrate	0.004
Calcium	0.038	Phosphate	0.044
Chloride	0.182	Potassium	0.041
Fluoride	0.01	Sodium	0.039
Magnesium	0.019	Sulphate	0.075

ORDERING INFORMATION

SIZE	6.0	6.5	7.0	7.5	8.0	8.5	9.0
REORDER NO.	HSCE4-879-6.0	HSCE4-879-6.5	HSCE4-879-7.0	HSCE4-879-7.5	HSCE4-879-8.0	HSCE4-879-8.5	HSCE4-879-9.0

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE

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