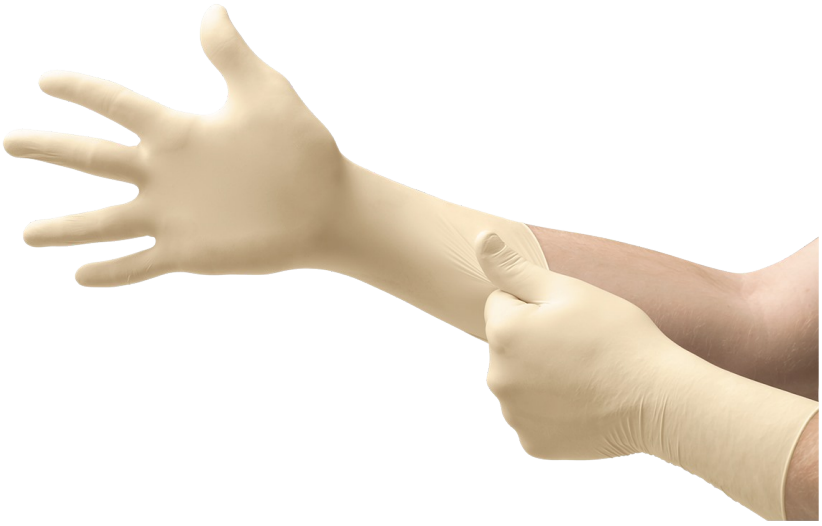
MICROFLEX®
ADVANCED DISPOSABLE HAND PROTECTION

HSCE4-879
Powder-Free Cleanroom Gloves

NRL
Latex

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

- **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

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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	7.0 (S), 7.5(M), 8.0(M), 8.5(L)
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⊠ or less of total extractable protein
Anti-static	No

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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 ≥0.5µm (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

IONIC CONTENT

Concentration in µg/cm^2	Typical	Concentration in µg/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

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE

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