

Consistent cleanliness for controlled environments (Class 10)

Hand protection with consistent cleanliness and comprehensive compliance to ASTM and IEST standards to meet the demands of controlled environments.

- Provides superb aesthetics, dexterity, tactile sense, fit, feel and comfort
- Manufactured in a totally integrated facility certified to ISO 9001 standards
- Washed in microprocessor controlled, two-in-one, washer/dryer laundering system to provide very low surface particulates, ionic extractables and non-volatile residues



Caution: Components used in making these gloves may cause allergic reactions in some users. Follow your institution's policies for use.

*Tested in accordance to IEST-RP-CC-005.3

**Tested in accordance to FTMS 101-C, 4046

KEY FEATURES & BENEFITS

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





CE4-313
Cleanroom Nitrile Glove

TECHNICAL DATA SHEET

	Product Information
Material	Nitrile
Color	White
Shape	Ambidextrous
Cuff	Beaded
Regulatory/Standard Compliance	EN 420:2003 + A1:2009
Packaging	10 polybags per 1 master bag; 1 master polybag per case; 100 gloves per double polybag (XS-XL); 90 gloves per double polybag (XXL)
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
Internal Glove Surface	Powder-Free
Cleanroom Class	Class 10/ISO 4
Protein Level	N/A: contains no natural rubber latex
Anti-static	Yes

Physical Properties		Testing Method
Typical Length (mm/in)	300 / 12	EN 420/ASTM D3767
Freedom from Holes	2.5 AQL	EN 455-1/ASTM D3577
Typical Particle Count $\geq 0.5\mu\text{m}$ (counts / cm ²)	< 1500 particle count/cm ²	IEST-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.10 / 3.9	EN 420/ASTM D3767
Target Single Wall Finger Thickness (mm/mil)	0.12 / 4.7	EN 420/ASTM D3767
Ultimate tensile strength (MPa) Before Aging	30	ASTM D412-06a
Ultimate tensile strength (MPa) During Aging	32	ASTM D412-06a

IONIC CONTENT

Concentration in $\mu\text{g}/\text{cm}^2$	Typical	Concentration in $\mu\text{g}/\text{cm}^2$	Typical
Ammonium	<0.20	Nitrite	<0.01
Bromide	<0.05	Phosphate	<0.20
Calcium	<0.80	Potassium	<0.10
Fluoride	<0.01	Sodium	<0.05
Magnesium	<0.20	Sulphate	<0.20
Nitrate	<0.40		

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.	CE4-313-XS	CE4-313-S	CE4-313-M	CE4-313-L	CE4-313-XL

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE

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