

**CE4 System 12" nitrile** ambidextrous gloves provide the hand and product protection that is expected in controlled environments. These gloves are produced in a totally integrated facility certified to *ISO 9001* standards and are processed and packaged in a controlled environment. Lot specific Certificates of Analysis (COA) are available as our guarantee and your assurance that **CE4 System** gloves meet or exceed our claims and your expectations. **CE4 System** gloves are an excellent choice for virtually all controlled environments and are designed to provide the highest quality - best value in the market.



# Microflex® CE4 System

CONTROLLED ENVIRONMENTS  
**12" ISO 4 Nitrile Ambidextrous Gloves**



- Washed in microprocessor controlled, two-in-one, washer/dryer laundering system to provide very low surface particulates, ionic extractables and non-volatile residues
- **100% nitrile** to alleviate the potential for adverse reactions associated with latex protein
- Does not contain plasticizers or Silicone
- Multi-Class cleanroom compatibility
- Provides superb aesthetics, dexterity, tactile sense, fit, feel and comfort
- Offers excellent Static Decay and Surface Resistivity properties
- Low modulus formulation for "second-skin" comfort



## CE4 12" Nitrile Ambidextrous Gloves

Since 1987, Microflex has had a single vision: to provide the highest quality hand protection available. Our mission remains unchanged, which is to be the world's "most trusted name in gloves" for all controlled environments. For samples or more information, contact your Microflex® distributor or call **(800) 876-6866** for the name of a distributor in your area. Or, visit our website at **www.microflex.com**. Fax: **(800) 876-6632**.

## Glove Profile:

**Material:** 100% nitrile (Acrylonitrile-butadiene), a synthetic copolymer

Particle Count:	Particle size of 0.5 micron & above:	
(Tested in accordance to IEST-RP-CC005.3)	<u>Maximum</u>	<u>Typical</u>
	850/cm <sup>2</sup>	700/cm <sup>2</sup>

**Protein Level:** This product **DOES NOT** contain natural rubber latex.

Trace Elements:	<u>Maximum</u>	<u>Typical</u>
(Tested in accordance to IEST-RP-CC005.3)		
Bromide (Br)	0.1 µg/cm <sup>2</sup>	0.1 µg/cm <sup>2</sup>
Calcium (Ca)	0.5 µg/cm <sup>2</sup>	0.4 µg/cm <sup>2</sup>
Chloride (Cl)	1.0 µg/cm <sup>2</sup>	0.2 µg/cm <sup>2</sup>
Fluoride (F)	0.1 µg/cm <sup>2</sup>	0.1 µg/cm <sup>2</sup>
Magnesium (Mg <sub>2</sub> )	0.1 µg/cm <sup>2</sup>	<0.1 µg/cm <sup>2</sup>
Nitrate (NO <sub>3</sub> )	0.5 µg/cm <sup>2</sup>	0.3 µg/cm <sup>2</sup>
Phosphate (PO <sub>4</sub> )	0.1 µg/cm <sup>2</sup>	0.1 µg/cm <sup>2</sup>
Potassium (K)	0.1 µg/cm <sup>2</sup>	0.03 µg/cm <sup>2</sup>
Silicone (Si)	[not detected]	[not detected]
Sodium (Na)	0.1 µg/cm <sup>2</sup>	0.09 µg/cm <sup>2</sup>
Sulfate (SO <sub>4</sub> )	0.1 µg/cm <sup>2</sup>	0.05 µg/cm <sup>2</sup>

**Surface Resistivity:** Max. 1 x 10<sup>11</sup> ohms/square  
(Tested in accordance to IEST-RP-CC005.3)

**Static Decay:** Max. 3 seconds  
(Tested in accordance to FTMS 101-C, 4046)

**Non-Volatile Residue:** Max. 30 mg/g  
(Tested in accordance to IEST-RP-CC005.3)

**Design and Feature:** White color, ambidextrous, textured fingertips with a beaded cuff

12" Specifications:	<u>Product Code</u>	<u>Glove Size</u>	<u>Palm Width</u> (mm)	<u>Length</u> (mm/inch)
	CE4-313-S	Small	85 ± 5	min. 295/11.6
	CE4-313-M	Medium	95 ± 5	min. 295/11.6
	CE4-313-L	Large	105 ± 5	min. 295/11.6
	CE4-313-XL	Extra-large	115 ± 5	min. 295/11.6

Thickness:	<u>Location of thickness measurements</u>	<u>Single Wall</u> (mils)
	<b>Finger</b> (at 15mm from fingertip)	min. 6.7 ± 1.2
	<b>Palm</b> (at center of palm)	min. 5.2 ± 1.2

Physical Properties:	<u>Before Aging</u>	<u>After Aging</u>
<b>Tensile Strength</b> (MPa)	min. 14	min. 14
<b>Ultimate Elongation</b> (%)	min. 500	min. 400

**Packaging:** 100 gloves per double, vacuum-sealed, polybags  
10 polybags per poly lined carton of 1,000 gloves

Note: All poly bags (except carton liner) are manufactured & processed in an ISO 5 cleanroom

**Quality Assurance:** Manufactured under ISO 9001 Quality System

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