

## Technical Data

<b>Material</b>	100% nitrile polymer, manufactured in a clean environment.
<b>Glove Design</b>	Ambidextrous, ergonomically designed for improved dexterity, comfort and long wear.
<b>Cuff Design</b>	Rolled, beaded cuff to enhance donning.
<b>Color and Finish</b>	Natural white. Textured fingers for better feel and grip.
<b>Cleanroom Compatibility</b>	Gloves are packed in a certified Class 100 cleanroom; double-bagged in cleanroom-compatible packaging and packed in a lined shipping carton. All printing done with cleanroom-compatible IPA-resistant ink.
<b>Quality Standards</b>	Each lot tested, certified and documented. Lot number printed on all packaging. AQL for pinholes: 1.5

### Electrical Properties

<b>Resistivity</b>	1x10 <sup>11</sup> ohms/square at 12.5% humidity (ASTM D257, EST S11.11) 1x10 <sup>10</sup> ohms/square at 50% humidity
<b>Static Decay</b>	<5 seconds @ 12.5% humidity (FTM Std 101C-Method 404) <2 seconds @ 50% humidity

Extractable Values	Specification	Typical
Particulates (particules/cm <sup>2</sup> )	<400	127
IPA Non-Volatile Residue (µg/cm <sup>2</sup> )	<5	2.0
Ionic Content	Specification	Typical
Aluminum (Al <sup>3+</sup> )	<0.020 µg/cm <sup>2</sup>	0.0067 µg/cm <sup>2</sup>
Chloride (Cl <sup>-</sup> )	<0.200 µg/cm <sup>2</sup>	0.05 µg/cm <sup>2</sup>
Copper (Cu <sup>2+</sup> )	<0.01 µg/cm <sup>2</sup>	<0.005 µg/cm <sup>2</sup>
Iron (Fe <sup>3+</sup> )	<0.020 µg/cm <sup>2</sup>	0.0107 µg/cm <sup>2</sup>
Lithium (Li <sup>+</sup> )	<0.0001 µg/cm <sup>2</sup>	<0.0001 µg/cm <sup>2</sup>
Magnesium (Mg <sup>2+</sup> )	<0.005 µg/cm <sup>2</sup>	0.0020 µg/cm <sup>2</sup>
Nitrate (NO <sub>3</sub> <sup>-</sup> )	<0.100 µg/cm <sup>2</sup>	0.0235 µg/cm <sup>2</sup>
Potassium (K <sup>+</sup> )	<0.020 µg/cm <sup>2</sup>	0.0099 µg/cm <sup>2</sup>
Silicone (Mg/Cm <sup>3</sup> )	ND	ND
Sodium (Na <sup>+</sup> )	<0.050 µg/cm <sup>2</sup>	0.014 µg/cm <sup>2</sup>
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	<0.010 µg/cm <sup>2</sup>	0.0095 µg/cm <sup>2</sup>
Zinc (Zn <sup>2+</sup> )	<0.05 µg/cm <sup>2</sup>	0.0096 µg/cm <sup>2</sup>

Test methods per IEST-RP-CC005.2 using an orbital shaker. ND=None Detected

### Typical Physical Values

<b>Thickness:</b>					
Finger Tip	0.16 mm/6 mil				
Palm	0.12 mm/5 mil				
Cuff	0.10 mm/4 mil				
<b>Tensile Strength</b>	<b>Before Aging:</b> 20.7 Mpa min. / 3,000 psi min.				
<b>Elongation</b>	<b>Before Aging:</b> 500% min.				
<b>Sizes:</b>	XS (5-5.5)	S (6-6.5)	M (7-7.5)	L (8-8.5)	XL (9-9.5)
Palm Width - mm	85	85	95	105	115
Surface Area - cm <sup>2</sup>	1166	1287	1375	1450	1665
Length	300 mm/12 inches				

### Packaging

50 gloves vacuum-sealed in an unprinted polybag, two bags of 50 gloves per master polybag; 10 master bags per lined carton. 1,000 gloves per case. Polybags are easy opening and printed with IPA-resistant ink.



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