

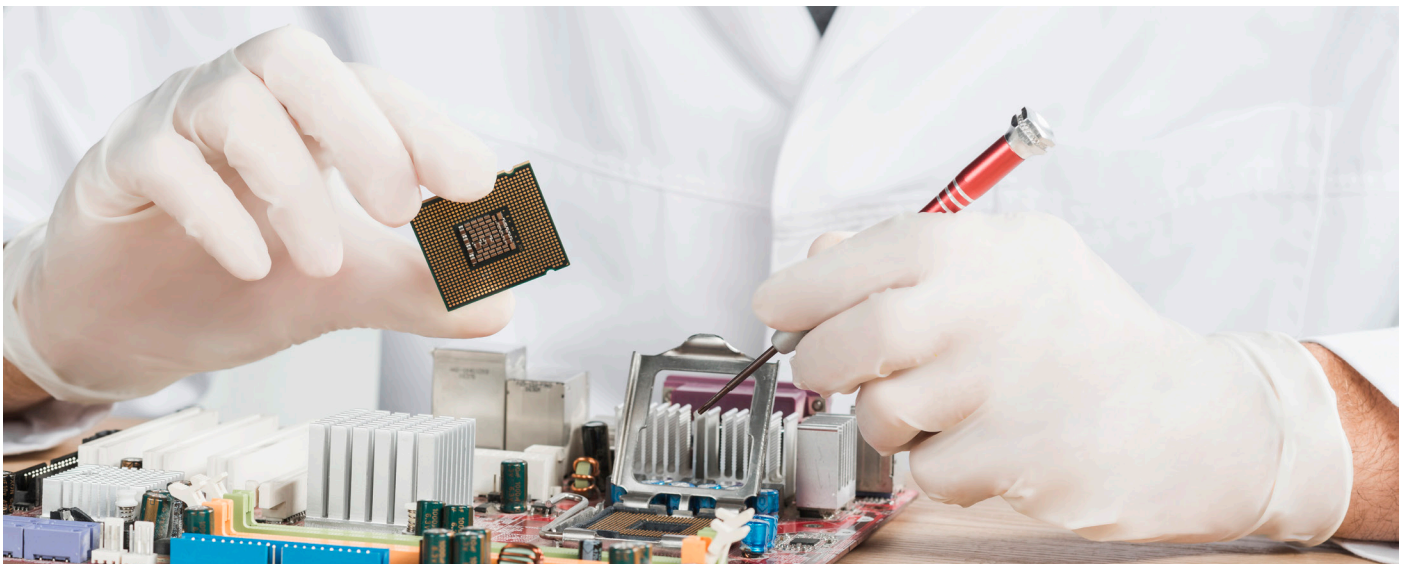
NITRILE

CLEANROOM

Gloves

PRODUCT INFORMATION

Material	Nitrile, accelerator free, sulfur free
Usage	Single use
Thickness by finger (mil)	3.5 - 7
Cleanroom environment	Class 10000, Class 1000
Glove Type	Ambidextrous (Finger Textured)
Cuff	Beaded
Length (mm)	240 - 305
Colour	White, Blue



PHYSICAL PROPERTIES

Property	S&S Glove	ASTM D6319
Elongation at break (%)		
• Before Aging	Min 550	Min 550
• After Aging	Min 400	Min 400
Tensile Strength (Mpa)		
• Before Aging	Min 18	Min 14
• After Aging	Min 16	Min 14
Property	S&S Glove	ASTM D455-2
Force at Break (N)		
• Before Aging	Min 6	Min 6
• After Aging	Min 6	Min 6

Fourier Transform Infrared Spectroscopy (FTIR)

No silicone, amide, and Dioctyl phthalate (DOP) detected

Triboelectric charge

Maximum 100 volt

Surface Resistivity (SR)

$10^9 - 10^{11} \Omega$

Thickness Single wall (mm)

Cuff thickness

Palm Thickness

Finger thickness

0.08 ± 0.02

0.09 ± 0.02

0.11 ± 0.02

0.08 ± 0.02

0.09 ± 0.02

0.11 ± 0.02

0.08 ± 0.02

0.09 ± 0.02

0.11 ± 0.02

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0.09 ± 0.02

0.11 ± 0.02

Particles count

APC ≤ 100 particles/pcs

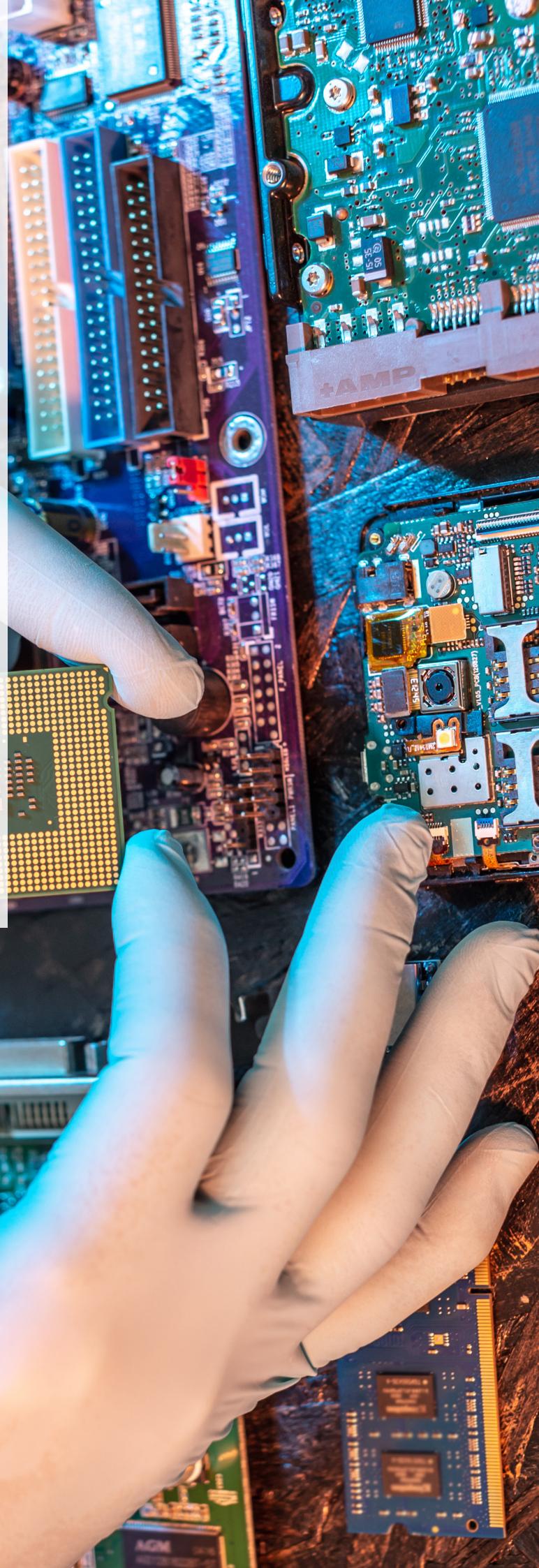
CLEANLINESS SPECIFICATIONS

Criteria	Class 1000	Standards
Particle (counts/cm ² , ≥ 0.5 mm)	< 2500	IEST-RP-CC-005.2
Ionic extractable less than (mg/cm ²) Chloride (Cr)	< 1.50	
Fluoride (F)	< 0.05	
Nitrate (NO ₃ ²⁻)	< 1.00	IEST-RP-CC-005.4
Nitrite (NO ₂ ²⁻)	< 0.05	
Phosphate (PO ₄ ³⁻)	< 0.05	
Sulfate (SO ₄ ²⁻)	< 1.00	



APPLICATION SETTINGS

- ▶ Featuring soft and stretchy technology designed for excellent dexterity, tactility and durability for best performance.
- ▶ Exceptionally low levels of particles, ionic extractable and non-volatile residue (NVR), especially use in the electronic production, suitable for cleanroom compatible processes.
- ▶ Offers superior electrostatic discharge (ESD) property enabling vital protection to sensitive applications.
- ▶ Packed in a cleanroom environment using vacuum bagged, decreasing contamination.
- ▶ Our Cleanroom Gloves are suitable for use in the following industries:
 - Semiconductor
 - Hard Disk Drive
 - Microelectronic
 - Optics and Biotechnology
 - Pharmaceutical
 - Laboratory
- ▶ Manufacturing industries that require a clean and controlled environment.



PRODUCT



STANDARD CARTON SIZE



CERTIFICATIONS



STANDARDS

- ASTM D6319, ASTM D412, ASTM D573
- ASTM D5151, ASTM D6124
- EN 455 part 1, 2, 3 & 4
- EN 21420
- RoHS





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Get in touch with us!



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