

NITRILE CLEANROOM GLOVES – CLASS 100

A touch of the future.

Try on our Cleanroom Latex and Nitrile gloves and experience the excellence of the quality-driven products.

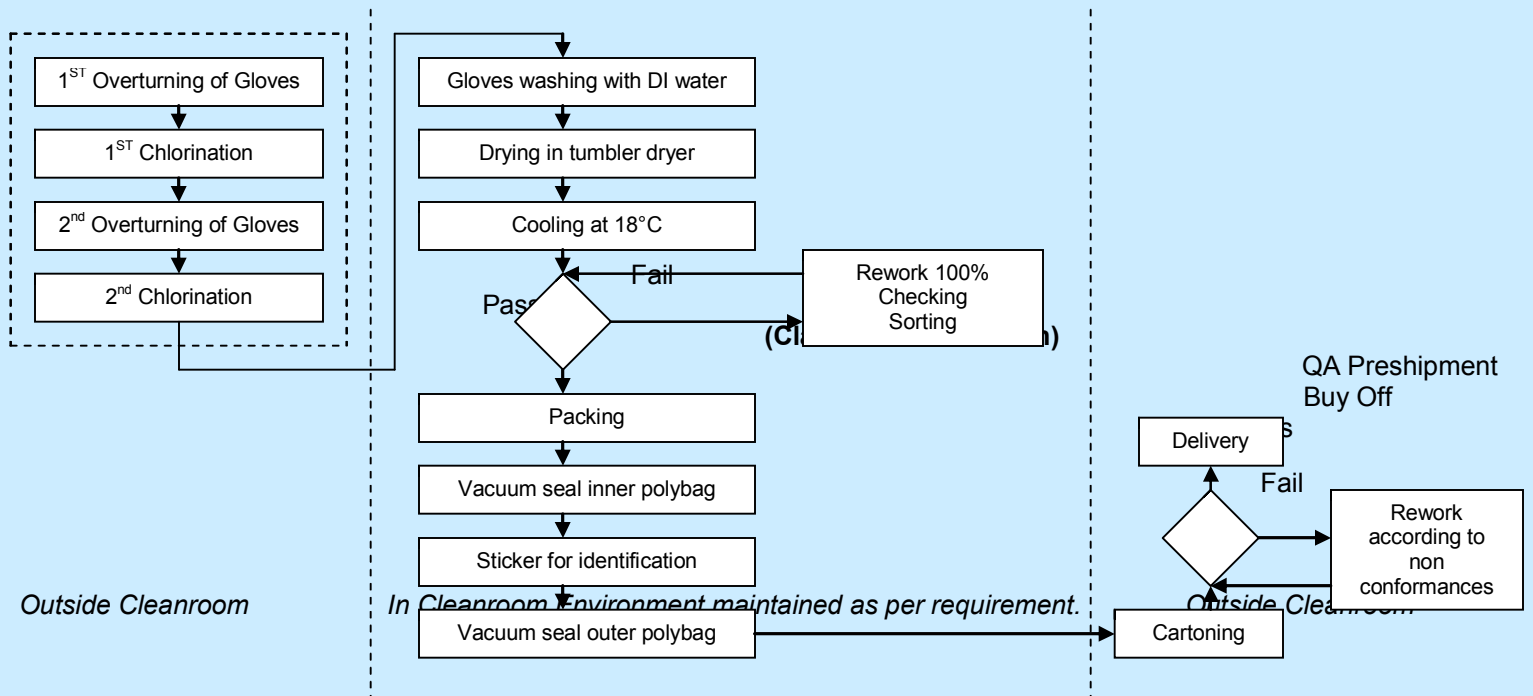
Produced at ISO 5 levels, these gloves are ideal for applications in semiconductors manufacturing industry, precision machinery industry, clean and critical environment research, and pharmaceutical and biotech industry.



Features:

- Manufactured in accordance to FED STD 209E to ensure lowest particle counts on gloves
- No Natural Protein Allergen
- Superior puncture resistances and excellent protection against cuts and abrasion.
- Processed thoroughly using DI (De-ionised Water) water produced from Combined RO (Reverse Osmosis) and Mixed Bed De-ioniser system capable of producing water quality up to 18Mega-Ohms (18MΩ)
- Tested for extractable matters and ions as per IEST-RP-CC005.2 and SeaGate Standard
- Free from silicone, DOP(Di-Octyl-Phthalate) and Amide contamination
- Maximum 35 microgram/gram of non-volatile residue

CLEANROOM GLOVE PROCESS FLOW



PROCT INFORMATION

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Prodt Featres

- Ambidextrous
- Textured finish on palm and fingers provides an excellent grip
- Excellent protection against cuts and abrasion
- Consistent high quality for superb barrier protection
- Superior chemical resistance and puncture resistance
- Beaded cuff for added strength and easier donning
- Superior cleanliness low extractable level
- Low particle and ionic count

Prodt Attribtes

Material	High quality Acrylonitrile Butadiene Rubber (BR) synthetic copolymer
Color	White
Surface	Textured
Latex	Class 100
Temperature	Nitrile Glove Powder Free on Sterile Ambidextrous
Size	Small Small Medium Large Large
Cuff	Beaded
Application	Semiconductor critical application and electrical and electronic industry
Packaging	Triple barrier protection Inner and Outer polyethylene bag Packed in the polybag 100 pieces of gloves per polybag 10 polybags per carton 1000 pieces of gloves per export carton
Product Conformance	Complies with and exceeds ASTM D 100 standard for critical defects AQ 2 Cranberry AQ for critical defects is AQ 1 Part 1 2 Requirement Biocompatibility measured by Primary Skin Irritation and Dermal Sensitization Sampled in accordance with sampling plan of ISO 28 Conforms with IST RP CC002 and SeaGate Standard
Latex Standard	Conform to ISO 1112002 and ISO 18200 CGSB certified S FDA Quality System Requirement 10 S FDA 1000ml watertight test and ASTM D 11 Health Canada and TGA certified Manufactured under ISO 0012000 Quality Management System

Chemical Constituents

- Latex Acrylonitrile Butadiene Rubber (BR) synthetic copolymer
- Accelerators Inc dibutyl dithiocarbamate (DBC)
Inc diethyl dithiocarbamate (DC)
- Antioxidant Butylated reactive product of p-cresol and dicyclopentadiene
- Curing Agent Sulphur
- Activator Inc Oxidant
- Dispersing Agent Tamol
- Filler Pigment Titanium dioxide (TiO₂)
- Chlorine

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Rev 0

Gloves Profile

DIMENSION	Glove Size	Palm Width (mm)	Nominal Length (mm)	Nominal Length (mm)
	Small	0	2	2
	Small	80-8	2	2
	Medium	0	2	2
	Large	100-10	2	2
Large	110-11	2	2	
THICKNESS	Point of Measurement	ASTM Nominal Thickness (mm)	Nominal Wall (mm)	Nominal Wall (mm)
	Cuff	Min 0.0	Min 0.08	Min 0.08
	Palm	Min 0.0	Min 0.12	Min 0.12
	Finger	Min 0.0	Min 0.1	Min 0.1
PHYSICAL PROPERTIES in accordance to ASTM D 12 Test Method	Tensile Strength	ASTM		
	Before Aging (MPa)	Min 10	Min 10	Min 10
	After Aging (MPa)	Min 10	Min 10	Min 10
	Elasto-Modulus	ASTM		
	Before Aging	Min 0.0%	Min 0.0%	Min 0.0%
After Aging	Min 0.0%	Min 0.0%	Min 0.0%	

Lead Particle Content

Proprietary processing for consistently reduced particle count at less than 1200 particles/cm for particle size 0.1µm and above. Greater abrasion resistance than nitrile or latex for lower in-use particle shedding.

Extractable Ion Content

Low levels of ionic and elemental extractable minimize contamination of sensitive processes. Low levels of residual chemical reduce the risk of dermal reactions. Total extractable anionic content less than 10mg/g.

Free Non Volatile Residual (IPAEANE)

no silicone, no ester phthalate and no amide detected. Tested to be less than or equal to 0mg/g.

Handling and Storage

They should be stored in a cool dry place located away from source of heat and light.

Disclaimer: Information presented here has been compiled from various sources considered to be dependable. It is accurate and reliable to the best of our knowledge and belief; however, it is not guaranteed to be so. The users are responsible to determine the suitability of the product for specific purposes. It may be necessary to adopt safety precautions.