



Cleansem Sdn Bhd (319007-A)

ISO 9001: 2008 Quality Management System
 No. 12, Lorong Batu Uban 2, Century Garden
 11700 Penang.
 Malaysia
 Tel: + 6 04 6570 400
 Fax : + 6 04 6570 408

Product Specification Nitrile Gloves

Parameter	Test Method	Cleanroom Class 10 Nitrile Gloves	Cleanroom Class 100 Nitrile Gloves	Cleanroom Powder Free (Class 1000-10000) Nitrile Gloves
A) Liquid Particle Count				
≥ 0.5um (counts /cm ²)	IEST-RP-CC 005.4	Max 600	Max 1200	Max 2500
B) Water Extractable Ions				
Chloride, Cl ⁻ (ug/cm ²)	IEST –RP-CC 005.4	Max 0.150	Max 0.600	Max 3.000
Nitrate, NO ₃ ⁻ (ug/cm ²)		Max 0.100	Max 0.500	Max 3.000
Sulfate, SO ₄ ²⁻ (ug/cm ²)		Max 0.050	Max 0.200	Max 3.000

Product Specification

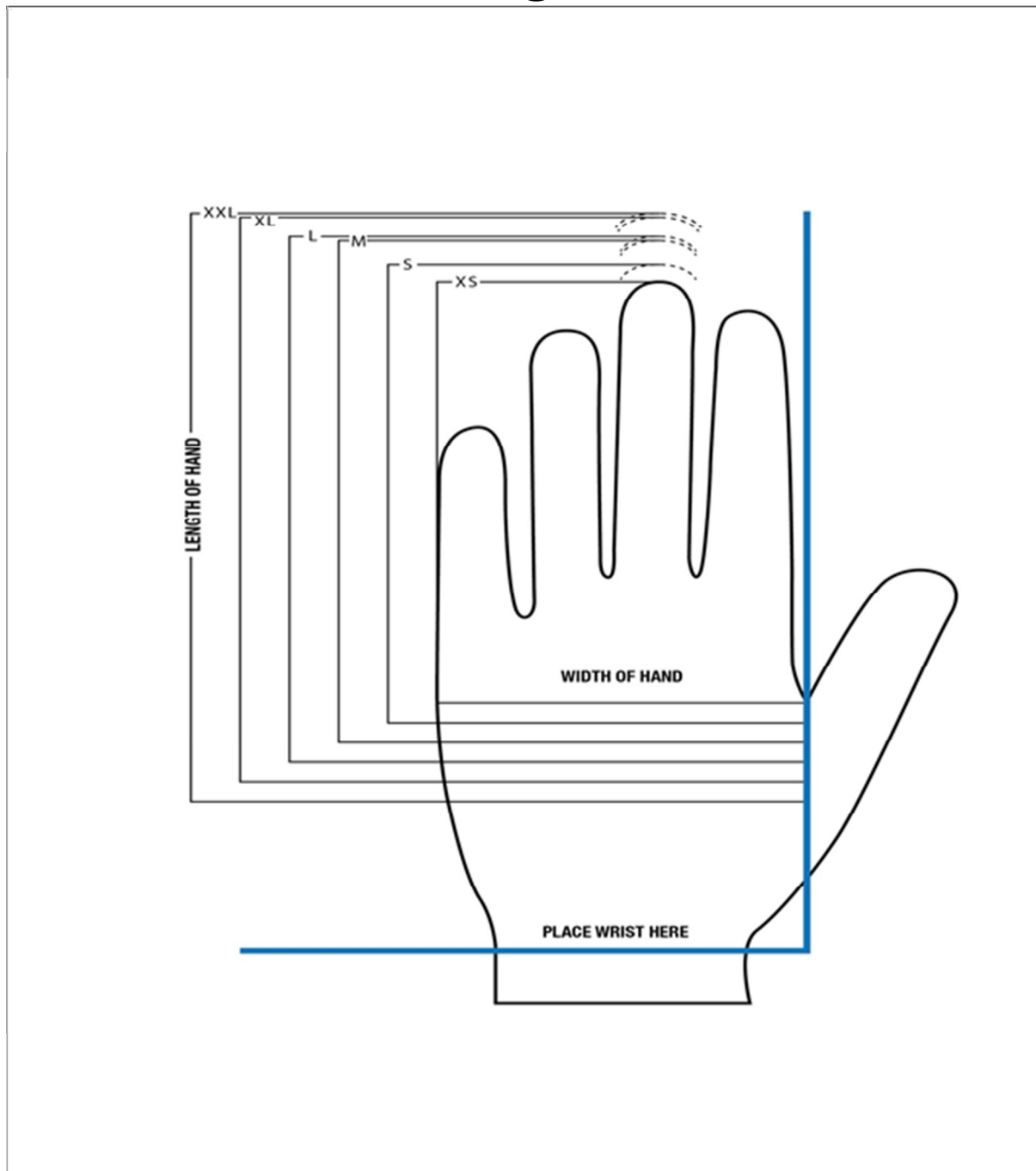
Parameter	Test Method	Cleanroom Class 10 Nitrile Gloves	Cleanroom Class 100 Nitrile Gloves	Cleanroom Powder Free (Class 1000-10000) Nitrile Gloves
Flouride, F ⁻ (ug/cm ²)	IEST – RP- CC 005.4	Max 0.010	Max 0.200	NA
Nitrate, NO ₂ ⁻ (ug/cm ²)		Max 0.010	Max 0.200	NA
Phosphate, PO ₄ ²⁻ (ug/cm ²)		Max 0.010	Max 0.200	NA
Bromide, Br ⁻ (ug/cm ²)		Max 0.010	Max 0.200	NA
Calcium, Ca ²⁺ (ug/cm ²)		Max 0.300	Max 0.500	NA
Sodium, Na ⁺ (ug/cm ²)		Max 0.050	Max 0.200	NA
Lithium, Li ⁺ (ug/cm ²)		Max 0.030	Max 0.100	NA
Potassium, K ⁺ (ug/cm ²)		Max 0.030	Max 0.100	NA
D) Total Non Volatile Residue (TNVR) in IPA (mg/g)	IEST – RP – CC 005.4	< 35.0 mg/g	< 35.0 mg/g	< 35.0 mg/g
E) FTIR –Silicone Oil, Amide, and DOP	IEST – RP – CC 005.4	Absent	Absent	Absent



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Glove Sizing Chart





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Cleansem For Cleanroom Solution

Description

This proposal is derived from Cleansem Competency, **Specializes in Critical Cleanroom Services; ESD Garments & Disposable products since Year 1994**

- ◆ Since 1994 , Cleansem have been recognized from > 60 based customers on its list of Reliable Partner on Customer's Centric Company
- ◆ CS is Certified Under **ISO 9001-2008**
- ◆ CS Cleanroom Facility is Designed & Dedicated Under Class 10 & Class 10k → **ISO CLASS 4 & CLASS 7**
- ◆ **2012 → Diversify To Technology Solution Provider**
Strategically aligned with OEM from Germany, USA ,Dutch, Korea, Singapore

Support

Support services are offered during the Urgency Period as follows

The Office / Cleansem Sdn Bhd
Tel.+604 6570400 / + 604 659 9959

The Mobile:

FN Leong
+ 6 012 4982655

Celine Teh
+ 6012 422 2655

Cindy Leong
+6012 544 4220