



## **TECHNICAL DATA SHEET.**

### 12" Cleanroom Nitrile glove

### Description

Cleanroom Nitrile Gloves are ambidextrous, with a beaded cuff which has been designed for extra protection. The textured surface and enhanced grip makes these nitrile gloves ideal for handling delicate items.Our gloves are powder and latex free, assisting in reducing the risk of an allergic reaction.

### Features and Benefits

- Class 100
- 100% Nitrile Butadiene Rubber
- Length: ≥280mm / 12 inch
- · Powder free and latex free
- Beaded cuff with textured fingers
- White
- 3 year shelf life from manufacture

### **Technical Data** Material

Acrylonitrile, Butadiene

Attribute; (units)	Value **
Surfac	Finger textured
Color	White
Length	≥280mm
Tensile strength	14 Mpa
Elongation	400%
Packing style	100 pcs per bag   10 bags per carton (1000 pcs in total)
Liquid Particle Counts (as determined by IES-RP- C005.4)	$\leq$ 300 particle counts cumulative at $\geq$ 0.3micron
ESD Parameters (ASTM D-257)	Surface Resistance - ≤10E10 Ohms/sq.
Dimension Criteria	Length: 300 ± 10 mm Palm Width: 70-80-95 110-120 mm

### **Cleanroom Environment**

- ISO Class 5 8
- Class 100 100,000

### Shelf Life

- Non-Sterile (Dry) 3 years from date of manufacture
- Sterile 2 years from the date of manufacture

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## 12" Cleanroom Nitrile glove

					Document No	BJ-0022
BASIC	INFORMATION					
1	1	Name			Nitrile gloves	
2	м	aterial			Acrylonitrile, Butadiene	
3	N	lodel			class 100; 12 inches; finger textured	
4	Coloe				White	
5	P	acking			100pcs/bag 10bags/carton	
DIMEN	SIONS AND TOLER	ANCES				
	Size	Unit	Length	Width	Single Thickness(min)	
	S	mm	285±10	80±10		
•	м	mm	285±10	95±10	Wrist≥0.05 Palm>0.07	
	L	mm	285±10	110±10	Finger≥0.10	
	XL	mm	285±10	120±10		
TEN SIL PROPE						
No	Perf	ormance		Unit	Technical	
1	Breaki	ing strength		MPa	15	
2	Elo	ongation		%	500	
VISUAI	VISUAL INSPECTION No Performance					
No				Unit	Technical	
1	App	pearance		1	Appearance should be clean, free of cracks and holes	
CLEAN PERFORMANCE						
No	Perf	ormance			Technical	
1	Particle :	APC:≧0.5um			≦100/cfm <sup>3</sup>	
2	Misula Defects (To Lump and discolore and sizes, foreign	orn, Sticky, Dirty, ed, mixed color, typ	e Visu	al inspection	ZDS (Zero Defect sampling)	
SCOPE	E OF USE					

SCOPE OF USE

1. Clean room

2. Where the user considers it appropriate

### EXPLANATION:

1. Non-sterile, cannot be used in places where sterilization is required.

2. Can come into contact with alcohol Need to be replaced every 1-2 hours), but Gloves cannot be soaked in alcohol.

3. Cannot be used in chemicals or chemical sites.

 If the gloves have been stored for more than 3 years, please test whether they have been affected by the storage environment, causing product performance to deteriorate.

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Material Style	100% pur Ambidext			Length		mum 290mm mumn230mm
Gripping Textured finger tips Smooth surface or tacky surface				Sizes Cuff	Extra Small to 3XLarge Beaded	
Colours	White, Blu	e and Green				
	Produc	rt Code		(ASTM D3	8578 / D63	19 standards)
(a) Min	290mm	(b) Min 230mm	Size	Wid	th (mm)	Average thickness
ADM	3100	ADM3200	XS	7	5 <u>±</u> 5	Cuff: 0.08 mm
ADM	3101	ADM3201	S	8	5±5	Palm: 0.10mm

ADM3102	ADM3202	M	95 ± 5	Finger: 0.14mm
ADM3103	ADM3103	L	105 <u>+</u> 5	
ADM3104	ADM3104	XL	115 <u>+</u> 5	
ADM3105	ADM3105	XXL	120 ± 5	
ADM3106	ADM3106	XXXL	125 <u>+</u> 5	

Physical Specification (ASTM D6319 / ASTM D412standards)			
Tensile Strength (MPa)	>14.0		
Elongation at break (%)	> 500		

ESD Specification @ 45-55% Humidity (AN	SI/ESD-STM11.11 / ASTM D257 / FTM Std 101C standards
Surface Resistivity (Ohm / sq)	= 9.9 x 10<sup 10
Decay Time ( in seconds)	= 0.5</td
Tribo Charge (volt)	= 20</td

Cleanliness Specification IEST-RP-CC005.3 stasndards )			
Test	Spec	Unit	
Particle Count (0.5 - 20 micron, cum)	< 2500	count/cm2	
Flouride	< 0.050	ug/cm2	
Chloride	<1.500	ug/cm2	
Nitrite	< 0.050	ug/cm2	
Bromide	< 0.050	ug/cm2	
Nitrate	< 1.000	ug/cm2	
Phosphate	< 0.050	ug/cm2	
Sulphate	< 1.000	ug/cm2	
Non Volatile Residue (DI water)	< 5.000	ug/cm2	
No visible discoloration			

Packaging 100 gloves per one HDPE x 10 bags per carton Double-bagged and vacuum-sealed

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## TECHNICAL DATA SHEET.

QUALITY MANAGEMENT SYSTEM CERTIFICATE Registration Number: 04819Q40775R134 Deservices 200500	
This is to certify that Default Sector Secto	Cartillasian No. 3100
SUZHOU MYESDE ULTRA CLEAN	CERTIFICATE OF COMPLIANCE
TECHNOLOGY CO.,LTD. Registered Address:No.66, yingchus south road, wurbong scenomic development zooc, sutbox Preduction/Business Address:No.66, yingchus south road, wurbong scenomic development zone, sutbox has implemented a quaty management system for compliance with this	SUZHOU MYESDE ULTRA CLEAN TECHNOLOGY CO., LTD
standard: GB/T19001-2016/ISO9001:2015	- Cleanroom ISO Class 4 As per requirements of ISO 14644-1:1999(E), the designated area
The quality management system for the following scope: Design, R&D of anti-static clothing, production and sales of dust-free cloth, dust-free paper, within the license scope of anti-static clothing, sales of anti-static clean noom supplies (Inger sets, gloves, masks, sticky dust products, dust-free shoes, electronic tools, office supplies) and related management activities.	Insted above has met the acceptance criteria for ISO Class 4, st 20 3 pm under Operational condition. Testing was performed as cultured in the above standard and the results are attested to in the Report Noc CE/CPT/378-19.
Valid date: 2019-11-30 2022-11-29 Issued date: 2019-11-30	Date Of Certification: Date View Chai
XBN0         Minute         Signed By: 2	06 September 2019 CESSTECK (5) PTE LTD AL YEARS N ENDLYFELL STREFT, NEST, MD-11 STG-CORET FARM THE ANALYSIS FAX ANDMAN
	ALONG LONG

#### Notes:

- Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- The information presented here is applicable to the part numbers shown above, as well as to any product containing the same materials and produced under the same conditions.
- 3) Size can be customized according to customer requirements.
- 4) Stacked, Bulk and Folded method can be customized according to customer requirements.

Tel: 86-512-68631589

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