

## METACURE SURGICAL GLOVES (M) SDN. BHD.

(Company Registration No. 202101029622)

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### PRODUCT STANDARD SPECIFICATIONS, PERFORMANCE & CONFORMANCE (PSPC)

#### KLEENHANDS LATEX EXAMINATION GLOVES – POWDER-FREE

Kleenhands powder-free latex examination gloves are designed to provide superior barrier protection due to their softness which allows for comfort and natural fit for the user.

These gloves are powder-free and therefore eliminate all risk of powder induced skin irritation and airborne powder contamination in the workplace.

The micro-textured surface provides a non-slip grip when handling instruments.

Product Description	
Type	Powder-free Latex Examination Glove- Disposable
Material	Natural Rubber Latex (NR)
Color	Natural chlorinated
Design and Feature	Ambidextrous, beaded cuff, palm textured
Donning Aid	Chlorinated
Product Classification	FDA: 80LYY-880.6250 MDD: Class I
Powder Content	Max. 2.0 milligram/glove
Protein Content	Max. 50 microgram/dm <sup>2</sup>
Size Available	XS, S, M, L, XL, XXL
Storage Condition	Product shall be stored under room condition, avoid direct sunlight
Shelf Life	Product shall have shelf life of 3 years from the date of manufacture with the above storage condition
Packing Style	100 pieces per inner box, 10 or 20 inners per carton
Performance Standard	ASTM D-3578 EN 455-Part 1, 2 and 3

Physical Dimension - 4 mils, 240 mm/9"						
Size	XS	S	M	L	XL	XXL
Ave width (mm)	78±2	85±5	95±5	106±5	113±5	120±5
Ave weight (gm)	4.7±1.0	5.0±1.0	5.3±1.0	5.8±1.0	6.1±1.0	6.5±1.0
Length (mm)	Min 240					
Thickness (mm)	Cuff	0.080±0.02				
	Palm	0.110±0.02				
	Finger	0.120±0.03				

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**PRODUCT STANDARD SPECIFICATIONS,  
PERFORMANCE & CONFORMANCE (PSPC)****KLEENHANDS LATEX EXAMINATION GLOVES – POWDER-FREE****Physical Properties – ASTM**

Parameters	Before Aging			After Aging		
	Tensile Strength (MPa)	Elongation at break (%)	Modulus at 500% (MPa)	Tensile Strength (MPa)	Elongation at break (%)	Modulus at 500% (MPa)
MSGB Result	18 - 22	650 - 750	4.0 – 5.5	14 - 18	500 - 700	4.0 – 5.5
ASTM Requirement	Min 18	Min 650%	Max 5.5	Min 14	Min 500%	N/A

**Physical Properties – EN**

Parameters	Before Aging		After Aging	
	Force at Break (N)	Elongation at break (%)	Force at Break (N)	Elongation at break (%)
MSGSB Result	9.0 - 11.0	N/A	6.0 - 9.0	N/A
EN Requirement	Min 9 N	N/A	Min 6 N	N/A

**Chemical Analysis**

Requirement	Protein Content	Powder Content
	Powder Free	Powder Free
MSGSB Result	Below 50	Below 2.0
ASTM Requirement	Max 50 microgram/dm <sup>2</sup>	Max 2.0 milligram/glove

**Performance**

Inspection	Related Defects	Inspection Level	AQL
Watertight Test	Holes	0'=	1.5
Visual Inspection	Major Defects		2.5
	Minor Defects	4.0	
Physical Properties	Tensile Strength and Elongation	S-2	4.0
Physical Dimension	Measurement	S-2	4.0