

SURGICAL GLOVES

Sterile latex surgical powdered gloves



LATEX SURGICAL POWDERED GLOVES

TECHNICAL DATA SHEET

- Product type:** Latex Surgical Powdered Gloves
- Brand:** MATU
- Material:** Natural Rubber
- Type:** Sterilized
- Glove design and Feature:** Hand-Specific, Single use, Powdered, Natural color, beaded cuff.
- Usage:** For Single Use Only
- Packaging:** 1pair/wallet; 500 pairs/carton

8. Dimension:

Product Code	Glove size	Palm Width (mm)	Length (mm)	Weight per piece (±0.3gr)
MATU.SPP.6.5	6.5	83 ± 3	Min 270	8.0
MATU.SPP.7.0	7.0	89 ± 3	Min 270	8.5
MATU.SPP.7.5	7.5	95 ± 3	Min 270	9.0
MATU.SPP.8.0	8.0	102 ± 3	Min 270	9.5

9. Thickness:

Location	Single Wall (mm)
Cuff (at 25mm from the cuff end)	Min 0.10
Palm center	Min 0.13
Fingertip	Min 0.14

10. Force at break and tensile strength:

Criteria	MATU Gloves standards
Force at break before aging	Min 9N
Force at break after aging	Min 6N
Tensile strength before aging	Min 18 Mpa
Tensile strength after aging	Min 14 Mpa
Elongation before aging	Min 650%
Elongation after aging	Min 500%

11. **Powder content:** max 2 mg/dm²

12. **Protein content:** Max 200µg/dm².

13. **Inspection Criteria** (Sampling and Inspection ISO 2859-1:1999)

Criteria	Inspection Level	AQL
Critical Defects	G1	0.65
Watertight Test	G1	1.5
Major Defects	G1	2.5
Minor Defects	G1	4.0
Dimensions	S2	4.0
Physical Properties	S2	4.0

14. **Shelf-life:** Three (03) years from the manufacturing date



MATU INTERNATIONAL PVT. LTD.
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SURGICAL GLOVES

Sterile latex powder free gloves

LATEX POWDER FREE GLOVES

TECHNICAL DATA SHEET

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- Brand:** MATU
- Material:** Natural Rubber
- Type:** Sterilized
- Glove design and Feature:** Hand-Specific, Single use, Powder free, Natural color, beaded cuff.
- Usage:** For Single Use Only
- Packaging:** 1pair/wallet; 500 pairs/carton

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Physical Properties	S2	4.0

14. Shelf-life: Three (03) years from the manufacturing date



POWDERED LATEX EXAMINATION GLOVES

(LEGPPM50)
(LEGPPM55)
(LEGPPM60)


Latex Examination Gloves

- Ambidextrous
- Single Use
- Non Sterile
- Powdered

ISO 9001:2015
CERTIFIED

ISO
9001:2015
CERTIFIED



Product Code :

LEGPPM50
LEGPPM55
LEGPPM60

Type

Latex Examination Glove, Powdered,
Non-sterile

MATERIAL:

High Grade Natural Rubber Latex

COLOR:

Natural to white and uniform allowing
for gradual shift due to thickness variation

DESIGN AND FEATURE:

Ambidextrous, beaded cuff, smooth

POWDER:

Inside absorbable Calcium Carbonate

STORAGE CONDITION

The gloves shall maintain their properties
when stored in a dry condition at temperature
between 10° to 35° C. Avoid direct sunlight.

SHELF-LIFE

The gloves shall have shelf life of 5 years
from the date of manufacture with the above
storage condition.

PACKING STYLE

(A) **LEGPPM60** 100pcs/box, 10 boxes/carton,
1600 cartons /20'GP, 3200 cartons/40'GP

LEGPPM50 / LEGPPM55 : 100pcs/box,
10 boxes/carton, 1700 cartons/20'GP, 3400
cartons/40'GP

(B) **LEGPPM60**: 4000pcs/Black Plastic
Bag/Plain Sugar Bag, 670bags/20'GP,
1085bags/40'GP

LEGPPM55: 4000pcs/Black Plastic Bag/Plain
Sugar Bag, 730bags/20'GP, 1180bags/40'GP

LEGPPM50: 4000pcs/Black Plastic Bag/Plain
Sugar Bag, 800bags/20'GP, 1300bags/40'GP

Section II: Performance Requirements (Sampling Plan-ISO 2859 Single Normal)					
#	Characteristics	Inspection Level	Acceptable Quality Level		Reference Standard
2.1	Dimensions		Median of 13 Test Pieces		EN455-2-00
2.2	Physical Properties		Median of 13 Test Pieces		EN455-2-00
			LEGPPS60 & 55	LEGPPS50	
2.3	Freedom from holes (Barriers) (1000ml Water Leak Test)	GI	1.5	2.5	EN455-1-00
2.4	Visual Defects : (i) Major Visual (ii) Minor Visual	GI	2.5 4.0	2.5 4.0	IN HOUSE PRACTICE
2.5	Powder Amount	N=2	N/A		ASTM D3578-05 ASTM D6124
2.6	Protein Content	N=3	N/A		ASTM D3578-05 ASTM D5712

Section III: Performance Specification

3.1	Dimensions			
	Property			
	Length (mm)	All Sizes		Min. 240
	Average Palm Width (mm)	XS	70 ±10	
		S	80 ±10	
		M	95 ±10	
		L	110 ±10	
		XL	120 ±10	
	Thickness (mm) *Single wall		LEGPPS60	LEGPPS50 and 55
			Finger : Min 0.11	Finger : Min 0.10
			Palm : Min 0.10	Palm : Min 0.09
			Cuff : Min 0.08	Cuff : Min 0.07
	Unit Weight (gram)		LEGPPS50	LEGPPS55 LEGPPS60
		XS	4.0±0.3	4.5±0.3 5.0±0.3
		S	4.5±0.3	5.0±0.3 5.5±0.3
		M	5.0±0.3	5.5±0.3 6.0±0.3
		L	5.5±0.3	6.0±0.3 6.5±0.3
		XL	6.0±0.3	6.5±0.3 7.0±0.3
3.2	Physical Properties			
	Property	In House Standard		
		LEGPPS60/LEGPPS55/LEGPPS50		
	Elongation at Break (%) - Average Tensile Strength (Mpa)-Average Stress at 500% Elongation (Mpa)	Before Aging		After Aging
		Min 650		Min 500
		Min 18		Min 14
		Max 5.5		NIL
	Median Force at Break (N)	Before Aging		After Aging
		LEGPPS55		
		Min 4		Min 4
		LEGPPS60		
		Min 6		Min 4

POWDER FREE
**LATEX
EXAMINATION
GLOVES**
(LEGPFM50)





Product Code :
LEGPFM50

Type

Latex Examination Glove, Powder Free,
Polymer Coated, Non-sterile

MATERIAL:

High Grade Natural Rubber Latex

COLOR:

Natural to white and uniform allowing
for gradual shift due to thickness variation

DESIGN AND FEATURE:

Ambidextrous, beaded cuff, textured

POWDER:

Below 2 mg per gloves

STORAGE CONDITION

The gloves shall maintain their properties
when stored in a dry condition at temperature
between 10° to 35° C. Avoid direct sunlight.

SHELF-LIFE

The gloves shall have shelf life of 5 years
from the date of manufacture with the above
storage condition.

PACKING STYLE

(A) 100pcs/box, 10 boxes/carton,
1200 cartons/20'GP; 2400 cartons/40'GP; or

Section I: Performance Requirements

(Sampling Plan-ISO 2859 Single Normal)

#	Characteristics	Inspection Level	Acceptable Quality Level	Reference Standard
2.1	Dimensions		Median of 13 Test Pieces	EN455-2-00
2.2	Physical Properties		Median of 13 Test Pieces	EN455-2-00
2.3	Freedom from holes (Barriers) (1000ml Water Leak Test)	GI	2.5	EN455-1-00
2.4	Visual Defects : (i) Major Visual (ii) Minor Visual	GI	2.5 4.0	IN HOUSE PRACTICE
2.5	Powder Amount	N=2	N/A	ASTM D3578-05 ASTM D6124
2.6	Protein Content	N=3	N/A	ASTM D3578-05 ASTM D5712-95/99

Section II: Performance Specification

2.1 Dimensions		
Property	Size	In-House Standard
Length (mm)	All Sizes	Min. 240
Average Palm Width (mm)	XS	70 ±10
	S	80 ±10
	M	95 ±10
	L	110 ±10
	XL	120 ±10
Thickness (mm) *Single wall		
		Finger : Min 0.10
		Palm : Min 0.09
		Cuff : Min 0.07
Unit Weight (gram)	XS	4.0±0.3
	S	4.5±0.3
	M	5.0±0.3
	L	5.5±0.3
	XL	6.0±0.3
2.2 Physical Properties		
Property	In House Standard	
	Before Aging	After Aging
Elongation at Break (%)- Average	Min 650	Min 500
Tensile Strength (Mpa)-Average	Min 18	Min 14
Stress at 500% Elongation (Mpa)	Max 5.5	NIL

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POWDERFREE NITRILE GLOVES



Product Code :
NTPFM35

Type

Latex Examination Glove, Powder Free,
Non-sterile

MATERIAL:

High Grade Synthetic Latex (Acrylonitrile
Butadiene Synthetic Rubber Latex)

COLOR:

Blue and uniform allowing for gradual shift
due to thickness variation

DESIGN AND FEATURE:

Ambidextrous, beaded cuff, Micro-textured Finish

POWDER:

Below 2 mg per gloves

STORAGE CONDITION

The gloves shall maintain their properties
when stored in a dry condition at temperature
between 10° to 30° C. Avoid direct sunlight.

SHELF-LIFE

The gloves shall have shelf life of 5 years
from the date of manufacture with the above
storage condition.

PACKING STYLE

100pcs/box, 10 boxes/carton, 1600
cartons/20'GP, 3200 cartons/40'GP

Section I: Performance Requirements

(Sampling Plan-ISO 2859 Single Normal)

#	Characteristics	Inspection Level	Acceptable Quality Level	Reference Standard
2.1	Dimensions		Median of 13 Test Pieces	EN455-2-00
2.2	Physical Properties		Median of 13 Test Pieces	EN455-2-00
2.3	Freedom from holes (Barriers) (1000ml Water Leak Test)	GI	2.5	EN455-1-00
2.4	Visual Defects : (i) Major Visual (ii) Minor Visual	GI	2.5 4.0	IN HOUSE PRACTICE
2.5	Powder Amount	N=2	N/A	ASTM D6319-00
2.6	Protein Content	N=3	N/A	ASTM D6319-00

Section II: Performance Specification

Property	Size	In-House Standard
Length (mm)	All Sizes	Min. 240
Average Palm Width (mm)	XS	75 ±10
	S	85 ±10
	M	95 ±10
	L	105 ±10
	XL	Min 110
Thickness (mm) *Single wall		
		Finger : Min 0.07
		Finger : Min 0.06
		Finger : Min 0.05
Unit Weight (gram)		
	XS	2.5±0.3
	S	3.0±0.3
	M	3.5±0.3
	L	4.0±0.3
	XL	4.5±0.3

Property	In House Standard	
	Before Aging	After Aging
Elongation at Break (%)- Average	Min 500	Min 400
Tensile Strength (Mpa)-Average	Min 14	Min 14
Stress at 500% Elongation (Mpa)	Max 5.5	NIL

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