



From the heart of  
many for many



# Latex Gloves Catalogue



## Quality & Comfort

Natural Rubber Latex Gloves, frequently referred to as Latex Gloves, are made from renewable resources. Natural Rubber Latex is a milky fluid obtained from the tapping of the Hevea Brasiliensis tree.

Latex Gloves have been long known for their outstanding elasticity and tensile strength. Latex is by far the most durable material for examination gloves, providing a high level of protection when working directly with body fluids or in a laboratory setting.

Latex Gloves are extremely resistant to tearing, ripping or being punctured. This is partly due to their tight and clean fit against the hands and fingers, leaving little loose material which may be caught against sharp instruments or objects. Their elasticity makes them comfortable to wear even for long durations.

Nevertheless, about 10% of healthcare workers are latex-sensitive. Healthcare workers and patients who are allergic to latex must not use gloves made from Natural Rubber. Synthetic Latex Gloves such as Nitrile are the best alternative for latex sensitive individuals, which are readily available from MUN

Tapping Lines



Hevea Brasiliensis Tree



Latex Drop



Latex Cup



## Did you know?

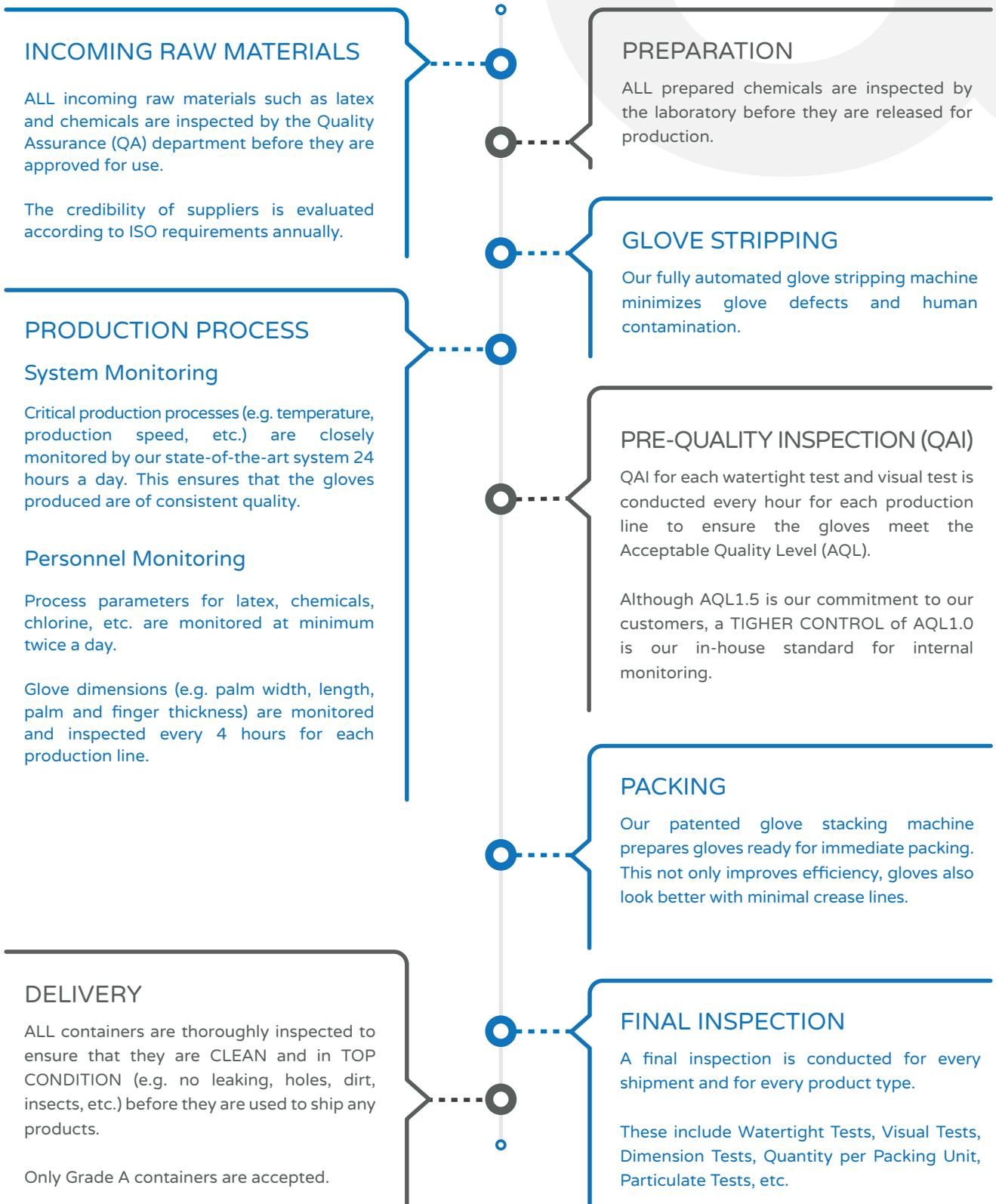
Hartalega, the parent company of MUN, was the first in the world to apply a coating of polyurethane on the donning side of latex gloves in 1993. Commonly known as Polymer Coated Gloves, these gloves reduce direct contact between the skin and the natural rubber, which contains soluble proteins that are potentially allergenic to sensitive individuals.

This breakthrough also greatly reduces the discomfort of conventional latex gloves, such as stickiness, unpleasant odor, poor physical properties, as well as the health, safety and environmental issues caused by off-line chlorination.

# How You Get The Best From Us

MUN Latex Gloves are considered the 'gold standard' in terms of quality and consistency. Our strict monitoring process ensures that we deliver the best to you consistently every time.

## Latex Glove



# Product Range

## 4.0 Mil – Latex Powdered

Suitable for use in low to moderate risk settings, our USP grade powdered latex gloves are lightly powdered and evenly distributed. They are effective for perspiration absorption, giving you a comfortable and dry feel. They possess a smooth surface for greater tactile sensitivity.



### Physical Dimensions

Glove Length (mm)	≥ 240
Thickness (mm)	
- Palm (palm centre)	0.11 (± 0.03)
- Finger (13 ±3mm from tip)	0.13 (± 0.03)

### Physical Properties

Before Aging			After Aging		
Force At Break	Tensile Strength	Elongation	Force At Break	Tensile Strength	Elongation
≥ 6N	≥ 18 Mpa	≥ 650%	≥ 6N	≥16 Mpa	≥ 500%



## 4.5 Mil - Latex Powder Free

Suitable for use in moderate risk settings; enjoy comfortable wear, durable protection, a secure grip, and tactile sensitivity all in one glove. The Glove features a textured surface for that added handling precision. It is suitable for general nursing activities, dental examinations and food preparation.

### Physical Dimensions

Glove Length (mm)	≥ 240
Thickness (mm)	
- Palm (palm centre)	0.11 (± 0.03)
- Finger (13 ±3mm from tip)	0.12 (± 0.03)

### Physical Properties

Before Aging			After Aging		
Force At Break	Tensile Strength	Elongation	Force At Break	Tensile Strength	Elongation
≥ 6N	≥ 18 Mpa	≥ 650%	≥ 6N	≥16 Mpa	≥ 500%







## 5.0 Mil - Latex Powdered

Suitable for use in moderate to high risk settings. Enjoy comfortable, durable protection and tactility all in one glove. Also comes with USP grade absorbable dusting powder. Popular for general nursing activities and dental examinations.

### Physical Dimensions

Glove Length (mm)	≥ 240
Thickness (mm)	
- Palm (palm centre)	0.12 (± 0.03)
- Finger (13 ±3mm from tip)	0.13 (± 0.03)

### Physical Properties

Before Aging			After Aging		
Force At Break	Tensile Strength	Elongation	Force At Break	Tensile Strength	Elongation
≥ 6N	≥ 18 Mpa	≥ 650%	≥ 6N	≥16 Mpa	≥ 500%



## 9.0 Mil - Latex Polymer Coated EMS

Suited to its name 'Emergency Medical Service (EMS)', the extended cuff length of the 9.0 mil latex polymer coated EMS gives you added protection against high risk emergency applications or greater physical and chemical challenges. Suitable for a variety of uses in the hospital or laboratory with high risk settings, it is a clean glove that provides excellent barrier protection due to its strength and elasticity.

### Physical Dimensions

Glove Length (mm)	≥ 280
Thickness (mm)	
- Palm (palm centre)	0.23 (± 0.04)
- Finger (13 ±3mm from tip)	0.28 (± 0.04)

### Physical Properties

Before Aging			After Aging		
Force At Break	Tensile Strength	Elongation	Force At Break	Tensile Strength	Elongation
≥ 6N	≥ 18 Mpa	≥ 650%	≥ 6N	≥16 Mpa	≥ 500%



# Glove Selection

## Quick guide

Applications	Latex PD 4.0 Mil	Latex PF 4.5 Mil	Latex PD 5.0 Mil	Latex PC 9.0 Mil
General nursing care, medical examination, patient treatment	✓	✓	✓	✓
Handling of infected items, replacement of medical dressings	✓	✓	✓	✓
Blood sample collection, laboratory testing	✓	✓	✓	✓
General home care, residential care, aged care	✓	✓	✓	✓
For activities where superior grip and tactility are required	✓	✓	✓	✓

## Our Promise to You

Quality, Excellence and Innovation are the hallmarks of the MUN's business philosophy; essential values that have shaped our commitment to be a world class manufacturer, producing first class gloves.

Regulatory Compliance	Class	Certified Body	Standard	Test	Compliance			
					4.0 Mil Powdered	4.5 Mil Powder Free	5.0 Mil Powdered	9.0 mil EMS
MDD 93/42/EEC	Class I	N/A	EN 455-1:2000	Watertight Test	✓	✓	✓	✓
				EN 455-2: 2009+A1:2011	Physical Properties • FAB	✓	✓	✓
			Dimension Test		✓	✓	✓	✓
			EN 455-3:2006		Powder Residue Test	✓	✓	✓
				Protein Content Test	✓	✓	✓	✓
US FDA	Class I	FDA (510k submission)	ASTM D3578- 05(2010)	Watertight Test	✓	✓	✓	✓
				Physical Property Test • Tensile Strength • Elongation at Break	✓	✓	✓	✓
					✓	✓	✓	✓
				Dimension Test	✓	✓	✓	✓
				Powder Residue Test	✓	✓	✓	✓
				Protein Content Test	✓	✓	✓	✓
			Antigenic Protein Test	—	—	—	—	
ASTM D7160-05	Accelerated Stability Test	—	—	✓	—			
ASTM D7161-05	Real Time Stability Study	—	—	✓	—			
Biocompatibility	N/A	N/A	ISO 10993-10:2010	Dermal Sensitization Assay	✓	✓	✓	✓
				Primary Skin Irritation	✓	✓	✓	✓
Australian Standard	Class I	Standard Australia	AS/NZS 4011:2014	Watertight	✓	✓	✓	✓
				Dimension	✓	✓	✓	✓
				Size	✓	✓	✓	✓
				Length	✓	✓	✓	✓
				Thickness	✓	✓	✓	✓
				Physical Properties	✓	✓	✓	✓

At MUN, we are committed to setting the highest standards in the industry. We ensure that our gloves excel in all different international health standards while we constantly innovate and deliver new products to the market – a signature of excellence we take pride in.



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