

## Polyisoprene Surgical Gloves

The non-latex gloves that deliver extraordinary flexibility and comfort for carrying out all general surgeries.

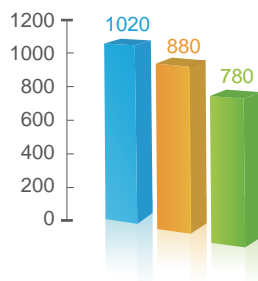
- Provide superior comfort and exceptional fit
  - 100% latex free as a solution to latex allergies
  - Purified with chlorination, gives a premium sense of touch
- Each glove passes more than 320 test items before delivery
  - Made by using specially-designed hand mold and Mocare Health® unique formula
  - Dipped with 2 layers of synthetic polyisoprene for minimizing the pre-existed pinholes
  - Easy donning with damp or dry hands
  - Exceed international quality standards
  - Pass Penetration of Phi-X174 Bacteriophage test (ASTM F1671)
  - In conformity with regulation EU 2016-425 PPE Module B



- Curved fingers for ergonomic fit.
- Pinhole AQL 0.65 with the quality insurance that each glove is air inflated and visually inspected.
- Gamma Irradiation for the improved certainty of sterility. No ethylene oxide (EtO) residues concern of being harmful to human body.
- Airtight packaging for easier storage, keep gloves in an ideal state before using, and no paper scraps when opening.
- The assessment of the resistance to certain chemotherapy drugs has been done according to ASTM D 6978-05 standard.

Elongation\* (%):  
The higher the figure, the more flexible the material.

■ Polyisoprene  
■ Natural Latex  
■ Nitrile



### Specifications & reference :

Size		5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
Palm Width	mm	70±6	76±6	83±6	89±6	95±6	102±6	108±6	114±6
Overall Length	mm	305 ± 5							
	inch	12.01 ± 0.2							
Single Wall Thickness		Finger		Palm		Cuff			
	mm	0.26 ± 0.03		0.22 ± 0.03		0.20 ± 0.03			
	mil	10.24 ± 1.18		8.66 ± 1.18		7.87 ± 1.18			

Typical Physical Property Performance	Type	Before Aging		After Aging	
		Standard	SurPure® PI*	Standard	SurPure® PI*
Performance	Force at break (N)	9	18 ✓	9	17 ✓
	Tensile strength (Mpa)	17 (min)	23 ✓	12 (min)	19 ✓
	Ultimate elongation (%)	650	1020 ✓	490	1000 ✓
	Stress at 500% elongation (Mpa)	7.0 (max)	1.4 ✓	---	---

Remark\* : The figures of physical properties given in the form and the chart indicate an average result obtained through numerous test reports.

Typical Accelerator Analysis:	
Dithiocarbamate (DTC)	ND
Diphenyl thiourea(DPTU)	ND
Diphenyl guanidine (DPG)	ND
Zinc mercaptobenzothiazole (ZMBT)	ND
Thiurams	ND

\*ND(Residual Chemical determined as ND is either not present or below the detectable limited of 0.01% according to UPB/P/002 test method)

Mocare Health® has specialized in medical gloves manufacturing for over 40 years. We have gloves dipping machines of our own design and the complete manufacturing technique in medical gloves industry. It is our obligation to provide reassuring medical gloves for healthcare workers to best perform their expertise.

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