

# PRODUCT SPECIFICATION

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## **HandPRO<sup>®</sup>** **SERIES 2400** **CLEAN CLASS LATEX GLOVES**

300mm (12") Length

ISO 5 Compatible

Premium Natural  
Rubber Latex

Low Protein

Non-Sterile

Powder-Free

Silicone-Free

Natural Color

Micro-Textured

Double-Donnable

Ambidextrous

Beaded Long Cuff



# QUALITY & CONFORMITY

- Manufactured under ISO 13485, CAN/CSA ISO 13485, ISO 9001, and US FDA QSR Quality Management System
- Conforms to PPE Regulation (EU) 2016/425
- Complies with the requirements of Glove Standard EN420:2003
- Conforms to the following additional test standards:

IEST-RP-CC005.4	Recommended Practice for Cleanroom Gloves
ASTM D412	Tensile Properties of Vulcanized Rubbers
ASTM D5151-06	Standard Test for Detection of Holes in Medical Gloves
ASTM D573	Accelerated Aging for Rubber (at 70° C for 166hr)
ASTM D5712	Test Method for Aqueous Extractable Protein
ASTM D6124	Test Method for Residual Powder on Medical Gloves

## PERFORMANCE REQUIREMENTS

Characteristic	Inspection Level	AQL
Freedom from Holes	G1	4.0
Visual Defects (Major)	G1	4.0
Visual Defects (Minor)	G1	6.5
Physical Properties	S2	4.0
Physical Dimensions	S2	4.0
Powder Residue	-	2mg/glove (Max)
Protein Content	-	50 mg/g (Max)

## PHYSICAL DIMENSIONS

Size	X-Small	Small	Medium	Large	X-Large
Palm Width ± 5 mm	75	85	95	106	116
Glove Length (mm)	300 (295 Min.)				
Thickness ± 0.1 mm	<b>Typical Values</b>				
Cuff	0.11 mm		4.33 mil		
Palm	0.13 mm		5.12 mil		
Finger	0.15 mm		5.90 mil		

## PHYSICAL PROPERTIES

Test	Before Aging	After Aging
Tensile Strength (MPa)	Minimum 18	Minimum 14
Ultimate Elongation	Minimum 650%	Minimum 500%

## CLEANLINESS SPECIFICATION

<b>Non Volatile Residue</b>	<10 mg/cm <sup>2</sup>	<b>Particle Count</b>	<3000 per cm <sup>2</sup>				
<b>Silicone Oil Presence by FTIR (Hexane Extraction)</b>	ABSENT						
<b>Anions mg/cm<sup>2</sup></b>							
(F) Fluoride	(Cl) Chloride	(Br) Bromide	(NO <sub>3</sub> ) Nitrate	(PO <sub>4</sub> ) Phosphate	(SO <sub>4</sub> ) Sulfate	(K) Potassium	(Na) Sodium
<1.00	<2.50	<1.00	<1.30	<1.00	<1.00	<1.00	<1.00

## PRODUCT NUMBERS

Size	Item #	Case Quantity
X-Small	2400	1000
Small	2401	1000
Medium	2402	1000
Large	2403	1000
X-Large	2404	1000

## PACKAGING

A 50 glove stack is placed into the right side of a plain bag, and another 50 gloves are placed on the left side of the same plain bag. The plain bag is sealed and placed into another outer bag. The outer bag is sealed. Ten packed outer bags are placed into a carton box with a carton liner. Carton liners are twist tie wrapped and carton is sealed with transparent tape. Outer bags and cartons are stamped with a lot number.

## SHELF LIFE & STORAGE

Three years from date of manufacture. Store in a cool, dry place away from direct sunlight.

Manufactured in Malaysia for Hourglass International, Inc.

The information on this document is a guideline of typical values and characteristics of the product.

The specifications provided reflect the minimum acceptable requirements of the ASTM and FDA where applicable. Actual testing results are available upon request. Gloves offered by Hourglass International, Inc. meet or exceed these physical requirements. Independent laboratory test results are available upon request.

Your Protection Is  
Our Purpose



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