

# PRODUCT SPECIFICATION

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**HandPRO<sup>®</sup>**

**AQUA1900**

**NITRILE GLOVES**

240mm (9") Length

- 100% Nitrile
- Powder-Free
- Non-Sterile
- Finger-Textured Surface
- Blue Color
- Ambidextrous
- Beaded Cuff
- For Non-Medical Use Only



**CE**

EN 420

## QUALITY & CONFORMITY

- Manufactured under ISO 13485, ISO 9001, and US FDA QSR Quality Management System
- Quality Sampling Plan ASTM D6319
- Conforms to EN420
- Complies with FDA CFR 21 177.2600 and European Commission Regulation (EU) No. 10/2011 for food handling
- Conforms to the following additional test standards:

ASTM D412	Tensile Properties of Vulcanized Rubbers
ASTM D3578	Standard Specification for Rubber Examination Gloves
ASTM D5151-99	Standard Test for Detection of Holes in Medical Gloves
ASTM D573	Accelerated Aging for Rubber (at 70° C for 166hr)
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)

## PHYSICAL DIMENSIONS

Size	Small (6/7)	Medium (7/8)	Large (8/9)	X-Large (9/10)
Palm Width ± 5 mm	85	95	106	116
Glove Length (mm)	Typical Value 242 - 248 (240 Minimum)			
Thickness (mm)	Typical Value 0.05 - 0.06 (0.05 Minimum)			
Cuff (25 ± 5 mm from bead)	Typical Value 0.07 - 0.08 (0.06 Minimum)			
Palm (center of palm)	Typical Value 0.12 - 0.14 (0.08 Minimum)			
Finger (13 ± 3 mm from tip)	Typical Value 0.12 - 0.14 (0.08 Minimum)			

## PHYSICAL PROPERTIES

Test	Before Aging		After Aging	
	Minimum	Typical Value	Minimum	Typical Value
Tensile Strength (MPa)	14	26.79-39.61	14	24.95-43.29
Ultimate Elongation	500%	580-656%	400%	504-588%

## ESD PROPERTIES

HandPRO® Aqua1900™ is a Static Dissipative Nitrile Glove

## PRODUCT NUMBERS

Size	Item #	Case Quantity
Small	1901	1000
Medium	1902	1000
Large	1903	1000
X-Large	1904	1000

## PACKAGING

100 gloves per box, 10 boxes per case.

## SHELF LIFE & STORAGE

Five 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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