

PRODUCT SPECIFICATION

HandPRO[®] **SERIES 6100** **CLEAN CLASS NITRILE GLOVES**

400mm (16") Length

ISO 5 Compatible

Accelerator-Free* Nitrile

Sulfur-Free

Not Made with Natural
Rubber Latex

Excellent ESD
Properties

Non-Sterile

Powder-Free

White Color

Textured Surface

Ambidextrous

Beaded X-Long Cuff



*No dithiocarbamates, thiurams
or mercaptobenzothiazoles (MBT)



ISO 374-1/Type C



ISO 374-5:2016



Virus



QUALITY & CONFORMITY

- Manufactured under ISO 13485, CAN/CSA ISO 13485, ISO 9001 and US FDA QSR Quality Management System
- Conforms to Council Directive 89/686/EEC
- Conforms to PPE Regulation (EU) 2016/425 as a Category III product
- Conforms to the following additional test standards:

IEST-RP-CC005.4	Recommended Practice for Cleanroom Gloves
ASTM D412	Tensile Properties of Vulcanized Rubbers
ASTM D5151-99	Standard Test for Detection of Holes in Medical Gloves
ASTM D573	Accelerated Aging for Rubber (at 70° C for 166hr)
ASTM D6319-00	Standard Specification for Nitrile Examination Gloves
ASTM D6124	Test Method for Residual Powder on Medical Gloves

PERFORMANCE REQUIREMENTS

Characteristic	Inspection Level	AQL
Freedom from Holes	G1	1.5
Visual Defects (Major)	G1	2.5
Visual Defects (Minor)	G1	4.0
Physical Properties	S2	4.0
Physical Dimensions	S2	4.0
Powder Residue	-	2mg/glove (Max)

PHYSICAL DIMENSIONS

Size	X-Small (5/6)	Small (6/7)	Medium (7/8)	Large (8/9)	X-Large (9/10)	XX- Large (10/11)
Palm Width ± 5 mm	77	83	95	106	118	122
Glove Length (mm)	400 (395 Minimum)					
Thickness ± 2 mm						
Cuff (25 mm from bead)	0.095 mm (3.74 mils)					
Palm (center of palm)	0.18 mm (7.08 mils)					
Finger (13 mm from tip)	0.21 mm (8.26 mils)					

PHYSICAL PROPERTIES

Test	Before Aging	After Aging
Tensile Strength (MPa)	Minimum 14	Minimum 14
Ultimate Elongation	Minimum 500%	Minimum 400%
Force at Break (EN 455-2)	Minimum 6 Newton	Minimum 6 Newton

CLEANLINESS SPECIFICATION

Non Volatile Residue	<5 µg/cm ²	Particle Count (0.5-20 µm)	<1500 per cm ²
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ELECTICAL PROPERTIES

HandPRO 6100 is a static dissipative glove in use.

PRODUCT NUMBERS

Size	Item #	Case Quantity
X-Small	6100	1000
Small	6101	1000
Medium	6102	1000
Large	6103	1000
X-Large	6104	1000
XX-Large	6105	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

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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