

## PRODUCT SPECIFICATION

# HandPRO<sup>®</sup> SERIES 1750 CONTROLLED ENVIRONMENT NITRILE GLOVES



Patented Technology\*

240mm (9") Length

- ISO Class 6 Compatible
- Accelerator-Free\* Nitrile
- Sulfur-Free
- Powder-Free
- Blue Color
- Micro-Textured
- Anti-Slip Grip
- Enhanced Strength
- Anti-Fatigue Formula
- Ambidextrous
- Non-Sterile
- Beaded Cuff

\*No dithiocarbamates, thiurams  
or mercaptobenzo-thiazoles (MBT)  
Patent [www.lowderma.com/patents](http://www.lowderma.com/patents)



EN 374-1:2003 EN 374-2:2003



Level 1

## QUALITY & CONFORMITY

- Manufactured in an ISO 9001:2008 certified facility
- Conforms to Council Directive 89/686/EEC
- Complies with European Standards EN374 Part 1 and Part 2, and EN420 concerning Category I “Glove of Simple Design - For Minimal Risk Only”
- 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 Nitrile (at 70° C for 166hr)

## PERFORMANCE REQUIREMENTS

Characteristic	Inspection Level	AQL
Freedom from Holes	G1	2.5
Visual Defects (Major)	G1	2.5
Visual Defects (Minor)	G1	4.0
Physical Properties	S2	4.0
Physical Dimensions	S2	4.0
Particulate Residue	N=3	<2mp/glove

## 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	76	86	98	107	115	120
Glove Length (mm)	Minimum 240 (Typical Value 238-243)					
Thickness (mm)	Manufacturing Minimum			Typical Values		
Cuff	0.05			0.05-0.06		
Palm (center of palm)	0.06			0.06-0.07		
Finger (13 ± 3 mm from tip)	0.07			0.10-0.12		

## PHYSICAL PROPERTIES

Test	Before Aging		After Aging	
	Manufacturing Minimum	Typical Values	Manufacturing Minimum	Typical Values
Tensile Strength (MPa)	14	27.88-33.10	14	29.35-36.36
Ultimate Elongation	500%	520-560%	400%	520-580%
Force at Break	11.25 N	-	11.25 N	-
Stress Retention	> 50%	-	> 50%	-

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



- Hourglass-Intl.com
- (800) 277-0994
- hourglass-international-inc
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USA

## ESD PROPERTIES

HanPRO 1750 Series are Static Dissipative Nitrile Gloves

## PRODUCT NUMBERS

Size	Item #	Case Quantity
X-Small	1750-200	2000
Small	1751-200	2000
Medium	1752-200	2000
Large	1753-200	2000
X-Large	1754-200	1800
XX-Large	1755-200	1800

## PACKAGING

A 100 glove stack is placed into the right side of a plain bag, and another 100 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.