

PRODUCT SPECIFICATION

HandPRO[®] FREESTYLE 1100[™]

NITRILE EXAM GLOVES
with Low Dermatitis Potential

240mm (9") Length



Patented Technology*

- Accelerator-Free* Nitrile
- Finger-Textured Surface
- Anti-Fatigue Formula
- Anti-Slip Grip
- Enhanced Strength
- Chemotherapy Drug Permeation Tested
- Violet Blue Color
- Ambidextrous
- Powder-Free
- Sulfur-Free
- Non-Sterile
- Beaded Cuff

*No dithiocarbamates, thiurams
or mercaptobenzo-thiazoles (MBT)
Patent www.lowderma.com/patents



ISO 374-1:2016/Type C ISO 374-5:2016



QUALITY & CONFORMITY

- Manufactured under ISO 13485, ISO 9001, and US FDA QSR Quality Management System
- Conforms to ASTM D6319 and EN455
- EC Certificate 0321.10013-02.E00-00 (Type C, CE 0120)
- 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
ASTM D6978	Resistance of Medical Gloves to Permeation by Chemotherapy Drugs
ASTM F1671-13	Viral Penetration Test
ASTM F739	Permeation of Liquids and Gases Under Continuous Contact

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	XXS (4/5)	X-Small (5/6)	Small (6/7)	Medium (7/8)	Large (8/9)	X-Large (9/10)	XXL (10/11)
Palm Width ± 5 mm	74	75	85	95	106	116	120
Glove Length (mm)	240 Minimum						
Thickness (mm)	Manufacturing Minimum			Typical Values			
Cuff (25 ± 5 mm from bead)	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	
	Minimum	Typical Value	Minimum	Typical Value
Tensile Strength (MPa)	14.0	27.88-33.10	14.0	29.35-36.36
Ultimate Elongation	500%	520-560%	400%	520-580%
Force at Break (Newton)	6.0	-	6.0	-

ESD PROPERTIES

HandPRO® FreeStyle1100™ is a Static Dissipative Nitrile Exam Glove

PRODUCT NUMBERS

Size	Item #	Case Quantity
XX-Small	1106	1000
X-Small	1100	1000
Small	1101	1000
Medium	1102	1000
Large	1103	1000
X-Large	1104	1000
XX-Large	1105	800

PACKAGING

100 gloves per box, 10 boxes per case.
* Size XXL 80 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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