

# PRODUCT SPECIFICATION

## HandPRO<sup>®</sup> SCION 700<sup>™</sup>

NITRILE EXAM GLOVES  
with Low Dermatitis Potential

240mm (9") Length



Patented Technology\*



- Accelerator-Free\* Nitrile
- Low Dermatitis Potential
- Finger-Textured Surface
- Anti-Fatigue Formula
- Anti-Slip Grip
- Enhanced Strength
- Chemotherapy Drug and Fentanyl Permeation Tested
- Berry Blue Color
- Ambidextrous
- Powder-Free
- No Sulfur Added
- Non-Sterile
- Beaded Cuff



\*No dithiocarbamates, thiurams  
or mercaptobenzothiazoles (MBT)  
Patent [www.lowderma.com/patents](http://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
- EU Certificate 0321.10013-02.E00-00 (Type C, CE 0120); MDD 93/42/EEC
- Complies with US FDA 21 CFR 177.2600 and EU 10/2011 (EN1186) 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	Tested for use with Chemotherapy Drugs and Fentanyl Citrate
ASTM F1671-13	Viral Penetration Test

## 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)
Palm Width ± 5 mm	75	85	95	106	116
Glove Length (mm)	Typical Value 245-250 (240 Minimum)				
Thickness (mm)	Typical Value 0.04-0.06 / 1.5 - 2.3 mils (0.04 mm Min.)				
Cuff (25 ± 5 mm from bead)	Typical Value 0.06-0.07 / 2.3 - 2.7 mils (0.05 mm Min.)				
Palm (center of palm)	Typical Value 0.10-0.12 / 3.9 - 4.7 mils (0.07 mm Min.)				
Finger (13 ± 3 mm from tip)	Typical Value 0.10-0.12 / 3.9 - 4.7 mils (0.07 mm Min.)				

## PHYSICAL PROPERTIES

Test	Before Aging		After Aging	
	Minimum	Typical Value	Minimum	Typical Value
Tensile Strength (MPa)	14	26-30	14	30-34
Ultimate Elongation	500%	520-540%	400%	540-560%
Force at Break (Newton)	6.0	6.1-6.5	6.0	6.5-7.0

## ESD PROPERTIES

HandPRO® Scion700™ is a Static Dissipative Nitrile Exam Glove in use and meets ANSI/ESD S20.20-2014 requirements for compliance.



## PRODUCT NUMBERS

Size	Item #	Case Quantity
X-Small	700	3000
Small	701	3000
Medium	702	3000
Large	703	3000
X-Large	704	2500

## PACKAGING

300 gloves per box, 10 boxes per case.  
\* Size XL 250 gloves per box, 10 boxes per case.

## 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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