

PRODUCT SPECIFICATION

HandPRO[®] **SERIES 1700** **CONTROLLED ENVIRONMENT** **NITRILE GLOVES**

240mm (9") Length

ISO Class 6 Compatible

Powder-Free

White Color

High Tactile Sense

Micro-Textured

Ambidextrous

Non-Sterile

Beaded Cuff



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 EN420
- EC Certificate 0321.10015-01.E00-00 (Type B, CE 0321)
- 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:

| | |
|---------------|--|
| IEST-RP-CC005 | 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 |
| Powder Residue | N=3 | <2mg/glove |

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) | Minimum 240 (Typical Value 244 - 247) | | | | |
| Thickness (mm) | Manufacturing Minimum | | Typical Value | | |
| Cuff (25 ± 5 mm from bead) | 0.05 | | 0.06 - 0.07 | | |
| Palm (center of palm) | 0.06 | | 0.08 - 0.09 | | |
| Finger (13 ± 3 mm from tip) | 0.07 | | 0.12 - 0.13 | | |

PHYSICAL PROPERTIES

| Test | Before Aging | | After Aging | |
|------------------------|-----------------------|---------------|-----------------------|---------------|
| | Manufacturing Minimum | Typical Value | Manufacturing Minimum | Typical Value |
| Tensile Strength (MPa) | 14 | 20.1 - 24.8 | 14 | 20.9 - 24.6 |
| Ultimate Elongation | 500% | 540 - 580% | 400% | 500 - 560% |
| Force at Break | 6.0 N | 6.4 - 6.7 N | 6.0 N | 6.6 - 7.2 N |

ELECTRICAL PROPERTIES

Resistivity

1x10¹¹ ohms/square at 12.5% humidity
1x10¹⁰ ohms/square at 50% humidity

PRODUCT NUMBERS

| Size | Item # | Case Quantity |
|---------|--------|---------------|
| X-Small | 1700 | 1000 |
| Small | 1701 | 1000 |
| Medium | 1702 | 1000 |
| Large | 1703 | 1000 |
| X-Large | 1704 | 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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