

PRODUCT SPECIFICATION

HandPRO^{P3}
PRECISION PROTECTION PERFORMANCE

SERIES 4511 **TRIPLE BAGGED**

STERILE HAND-SPECIFIC LATEX GLOVES

300mm (12") Length

Premium Natural
Rubber Latex

Low Protein

Sterile

Powder-Free

Natural Color

Textured Surface

Double-Donnable

Hand Specific

Beaded Long Cuff



CE
EN420

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



Level 2

QUALITY & CONFORMITY

- Manufactured in an ISO 9001:2008 certified facility
- Complies with the requirements of Glove Standard EN420:2003 and EN374-1, 2 & 3:2003
- Conforms to the following additional test standards:

| | |
|-------------------|--|
| • IEST-RP-CC005.4 | Recommended Practice for Cleanroom Gloves |
| • 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 D5712 | Test Method for Aqueous Extractable Protein |
| • 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 |
| Extractable Protein | - | 50 µg/gm (max) |
| Powder Residue | - | 2 mg/glove (max) |

PHYSICAL DIMENSIONS

| Size | 5-1/2 | 6 | 6-1/2 | 7 | 7-1/2 | 8 | 8-1/2 | 9 |
|-----------------------|-------------------------|----|-------|----|-----------------------|-----|-------|-----|
| Palm Width (± 4-6 mm) | 72 | 77 | 83 | 89 | 95 | 102 | 108 | 114 |
| Glove Length (mm) | Minimum 290 | | | | | | | |
| Thickness (mm) | Internal Control | | | | Typical Values | | | |
| Cuff | Min. 0.17 | | | | 0.17 | | | |
| Palm | 0.20 ± 0.02 | | | | 0.20 | | | |
| Finger | 0.23 ± 0.02 | | | | 0.22 | | | |

PHYSICAL PROPERTIES

| Test | Before Aging | | After Aging | |
|------------------------|-----------------------|---------------|-----------------------|---------------|
| | Manufacturing Minimum | Typical Value | Manufacturing Minimum | Typical Value |
| Tensile Strength (MPa) | 24 | 28 | 18 | 24 |
| Ultimate Elongation | 750% | 830% | 560% | 612% |
| Force at Break (N) | ≥9 | 16 | ≥9 | 14 |

STERILIZATION

Sterilized by Gamma Irradiation in accordance with ISO 11137-1:2006.

PRODUCT NUMBERS

| Size | Item # | Case Quantity |
|-------|---------|---------------|
| 5-1/2 | 4511-55 | 200 Pair |
| 6 | 4511-60 | 200 Pair |
| 6-1/2 | 4511-65 | 200 Pair |
| 7 | 4511-70 | 200 Pair |
| 7-1/2 | 4511-75 | 200 Pair |
| 8 | 4511-80 | 200 Pair |
| 8-1/2 | 4511-85 | 200 Pair |
| 9 | 4511-90 | 200 Pair |

PACKAGING

Packaged in an ISO 5 Clean Class Environment

1) 1 pair 12" sterile gloves per poly thermoform pouch, 2) 50 poly pouches per inner poly bag, 3) 4 inner poly bags per master poly case lining bag (200 pair/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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