

## Sterile neoprene disposable gloves, designed for use in aseptic and Class 100 (ISO 5)/Grade A cleanroom environments

- **Improved durability:** TouchNTuff® DermaShield™ 73-701 sterile disposable gloves boast a unique neoprene formulation, resulting in greater durability and puncture resistance
- **Reduced allergy risks:** Designed for aseptic environments and free of latex proteins and chemical accelerators, these neoprene gloves prevent the risk of Type I and Type IV allergies and sensitivities
- **Enhanced features:** Their beaded cuff, designed with SUREFIT™ Cuff Roll-Down Technology, prevents cuffs from rolling down, facilitating sustained wear
- **Heightened protection:** Beyond robustness, these neoprene gloves offer wearers high levels of chemical splash resistance, protecting hands from various hazards



### KEY FEATURES & BENEFITS

- **Neoprene formulation:** Excellent puncture resistance and durability
- **SUREFIT™ Technology:** Lesser risk of cuff roll-down
- **Latex-free, chemical accelerator-free:** Type I and Type IV allergy risks eliminated

### Industries

- Pharmaceutical Manufacturing
- Laboratory Research and Development
- Biotechnology Manufacturing
- Controlled and Critical Environments
- Production and Manufacturing

### Recommended For

- Transferring liquids and solids
- Sample taking and processing
- Blending, compounding solids and liquids
- Aseptic filling and labelling



## TECHNICAL DATA SHEET

| Product Information                    |   |
|--|---|
| Material                               | Neoprene (Polychloroprene)  |
| Color                                  | Green   |
| Shape                                  | Anatomic with Curved Fingers  |
| Cuff                                   | Straight with SUREFIT™ Technology   |
| Manufacturing/QMS Audit Standards      | ISO 9001:2015   |
| Regulatory/Standard Compliance         | 21 CFR § 820 Quality System regulations, AS/NZS 4179, ASTM D3577, ASTM D7160, CE 0493, EN 421:2010, EN 556-1:2001, EN ISO 21420:2020, EN ISO 374-1:2016 Type A (KLMNPT), EN 374-2 and -4, EN ISO 374-5:2016, ISO 10282, ISO 11193, ISO 13485, ISO 14001, ISO 9001:2015, UKCA  |
| Packaging                              | <p>1 pair per inner wrap; one inner wrap per smart pack; 25 smart packs per inner bag; 2 inner bags per outer bag; 4 outer bags per lined carton; 200 pairs per carton</p> <p><b>More sustainable packaging:</b> These sterile gloves are packed in recyclable plastic packaging* and delivered in recycled cardboard shipper cases.</p> <p>*Inner wrap, smart pack, pouch, bag and liner are made from polyethylene (PE) based film. Always check your local recyclable status as these materials may not be considered suitable for recycling in your location.</p> |
| Storage                                | Keep away from direct sunlight; store in a dry place and keep in the original packaging. Keep away from ozone sources. If products are properly stored, as indicated, they won't lose their performances or change characteristics significantly. If products could be affected by ageing or storage, the expiry date is mentioned on the packaging materials.  |
| Country of Origin                      | Malaysia  |
| Available sizes                        | 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9  |
| Powder Content                         | Powder-Free   |
| External Glove Surface                 | Textured Fingers  |
| Internal Glove Surface                 | Polymer Coated with DERMASHIELD™ Technology   |
| Sterilization Method                   | GAMMA irradiation (25 kGy)  |
| Cleanroom Class                        | Class 100/ISO Class 5 & EU GMP Grade A/B and other sterile cleanrooms   |
| Shelf Life                             | 5 years   |
| Tested for use with Chemotherapy Drugs | Yes, in accordance with ASTM D6978 (Not listed in the US FDA 510k)  |
| Protein Level                          | N/A: contains no natural rubber latex   |
| Anti-static                            | No  |

| Physical Properties  | Sizes       |         |         |         |         |       |                  |   | Testing Method      |
|--|-------------|---------|---------|---------|---------|-------|------------------|---|---------------------|
|  | 5.5         | 6       | 6.5     | 7       | 7.5     | 8     | 8.5              | 9 |                     |
| Typical Length (mm/in)                                       | 295 / 11.6  |         |         |         |         |       |                  |   | EN 420/ASTM D3767   |
| Palm Width (mm/in)   | 73/2.87     | 78/3.07 | 84/3.31 | 90/3.54 | 96/3.78 | 103/4 | 109.5/4.3117/4.6 |   |                     |
| Freedom from Holes   | 0.65 AQL    |         |         |         |         |       |                  |   | EN 455-1/ASTM D3577 |
| Typical Particle Count<br>≥0.5µm (counts / cm <sup>2</sup> ) | ≤ 3500      |         |         |         |         |       |                  |   | TEST-RP-CC005.4     |
| Target Single Wall Palm Thickness (mm/mil)                   | 0.19 / 7.5  |         |         |         |         |       |                  |   | EN 420/ASTM D3767   |
| Target Single Wall Finger Thickness (mm/mil)                 | 0.21 / 8.27 |         |         |         |         |       |                  |   | EN 420/ASTM D3767   |
| Target Single Wall Cuff Thickness (mm/mil)                   | 0.15/5.9    |         |         |         |         |       |                  |   | EN 420/ASTM D3767   |
| Ultimate tensile strength (MPa) Before Aging                 | 17          |         |         |         |         |       |                  |   | ASTM D412-06a       |
| Ultimate tensile strength (MPa) During Aging                 | 12          |         |         |         |         |       |                  |   | ASTM D412-06a       |
| Force at Break (N) Before Aging                              | 9           |         |         |         |         |       |                  |   | EN 455-2            |
| Force at Break (N) During Aging                              | 9           |         |         |         |         |       |                  |   | EN 455-2            |

## ORDERING INFORMATION

| SIZE        | 5.5      | 6        | 6.5      | 7        | 7.5      | 8        | 8.5      | 9        |
|-------------|----------|----------|----------|----------|----------|----------|----------|----------|
| REORDER NO. | 73701055 | 73701060 | 73701065 | 73701070 | 73701075 | 73701080 | 73701085 | 73701090 |

## PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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## Technology



Cuff Roll-down Technology



Donning Aid Technology

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