TouchNTuff®
ADVANCED PRODUCT & WORKER PROTECTION

# 73-500
Sterile Disposable Neoprene (Polychloroprene) Cleanroom Glove

## Sterile neoprene disposable gloves, compatible with Class 100(ISO5)/Grade A cleanroom environments

- **Double donning capability:** TouchNTuff® 73-500 latex-free sterile gloves are designed to enable effortless donning, making them ideal for double gloving applications
- **Specialized protection:** These neoprene cleanroom gloves deliver excellent chemical splash resistance against a broad range of hazards
- **Reduced allergy risks:** They are also free from latex proteins and chemical accelerators, reducing wearers' susceptibility to Type I or Type IV allergic reactions
- **Sterility assurance:** These cleanroom gloves are also sterilised by gamma irradiation, with a sterility assurance level (SAL) of 10-6

### KEY FEATURES & BENEFITS

- **Class 100 (ISO 5) cleanroom compatibility:** Assured cleanliness
- **Latex-free, chemical accelerator-free:** Fewer allergy risks
- **Hard-wearing neoprene formulation:** Chemical splash resistance and durability

### Industries

- Pharmaceutical Manufacturing
- Medical Device Manufacturing
- Laboratory Research and Development
- Controlled and Critical Environments
- Production and Manufacturing

### Recommended For

- Packaging and labeling
- Clean room cleaning and preparing
- Sample taking and processing

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## TECHNICAL DATA SHEET

| | Product Information |
|---|---|
| Material | Neoprene (Polychloroprene) |
| Color | Cream |
| Shape | Anatomic with Curved Fingers |
| Cuff | Beaded with SUREFIT™ Technology |
| Manufacturing/QMS Audit Standards | ISO 9001:2015 |
| Regulatory | AS/NZS 4179, ASTM D3577, ASTM D7160, CE 0493, EN 556-1:2001, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, EN 421:2010, ISO 10282, ISO 11193, ISO 13485 |
| Packaging | 1 pair per inner poly pack; 10 inner poly packs per inner polybag; 5 outer polybags per bag; 4 bags per master bag; 1 master bag of 200 pairs per carton/case |
| Storage | Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone or ignition. |
| Country of Origin | Sri Lanka |
| Available sizes | 5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9 |
| Powder Content | Powder-Free |
| External Glove Surface | Smooth |
| Internal Glove Surface | Polymer Coated with DERMASHIELD™ Technology |
| Sterilization Method | GAMMA irradiation (25 kGy) |
| Cleanroom Class | Class 100/ISO 5 & EU GMP Grade A |
| 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 | Not Tested |
| Vulcanization Chemical Accelerators | • None |

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| Physical Properties | | Testing Method |
|---|---|---|
| Typical Length (mm/in) | 300 / 12 | EN 420/ASTM D3767 |
| Freedom from Holes | 0.65 AQL | EN 455-1/ASTM D3577 |
| Typical Particle Count ≥0.5µm (counts / $cm^2$) | ≤ 2500 | IEST-RP-CC005.4 |
| Target Single Wall Palm Thickness (mm/mil) | 0.15 / 5.90 | EN 420/ASTM D3767 |
| Target Single Wall Finger Thickness (mm/mil) | 0.16 / 6.29 | EN 420/ASTM D3767 |
| Target Single Wall Cuff Thickness (mm/mil) | 0.14 / 5.51 | 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. | 73500055 | 73500060 | 73500065 | 73500070 | 73500075 | 73500080 | 73500085 | 73500090 |

## PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE

CE 0493 · EN ISO 374-1:2016 Type B KLT · EN ISO 374-5 VIRUS · EN 421 · ISO 13485

**For additional information visit us at www.ansell.com, or call us at**


**Europe, Middle East & Africa Region**
Ansell Healthcare Europe NV
T: +32 (0) 2 528 74 00
F: +32 (0) 2 528 74 01

**Asia Pacific Region**
Ansell Global Trading Center
T: +603 8310 6688
F: +603 8310 6699

**North America Region**
Ansell Healthcare Products LLC
US T: +1 800 800 0444
US F: +1 800 800 0445
CA T: +1-800-363-8340

**Latin America & Caribbean Region**
Ansell Commercial Mexico S.A. de C.V.
T: +52 442 248 1544 / 248 3133

**Australia**
Ansell Limited
T: +61 1800 337 041
F: +61 1800 803 578

**UK**
Ansell Nitritex
T: +44 1638 663338
F: +44 1638 668890


**Technology**

A.R.T™ Pinhole Barrier Technology
DERMASHIELD™ Donning Aid Technology
ERGOFORM™ Ergonomic Design Technology
SENSOPRENE™ Ultra Thin Neoprene Technology
SUREFIT™ Cuff Roll-down Technology


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