

Neoprene, chemical accelerator-free offering unsurpassed combination of sensitivity and durability for sterile environments

For Class 100 (ISO 5) cleanroom wet and dry applications, the TouchNTuff® 73-500 is a thin, sterile Neoprene glove that offers added tactile sensitivity and provides chemical splash resistance against a broad range of chemicals. Ideal for double donning.

- Compatible with Class 100 (ISO 5) / Grade A Cleanroom Environments
- Thin design for superior tactile sensitivity
- Broad chemical splash resistance
- Ideal for double donning
- Prevents Type I and Type IV allergies



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



TECHNICAL DATA SHEET

PRODUCT INFORMATION

| | 73-500 |
|--|--|
| 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, 6.0, 6.5, 7.0 (S), 7.5, 8.0, 8.5, 9.0 |
| 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 | <ul style="list-style-type: none"> None |

PHYSICAL PROPERTIES

| | Typical Values | | Testing Method |
|--|---------------------------|---------------|---------------------|
| 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) | 0.10 - 0.15 / 5.90 - 5.91 | | EN 420/ASTM D3767 |
| Target Single Wall Finger Thickness (mm/mil) | 0.11 - 0.17 / 4.33 - 6.69 | | EN 420/ASTM D3767 |
| Target Single Wall Cuff Thickness (mm/mil) | 0.11 - 0.17 / 4.33 - 6.69 | | EN 420/ASTM D3767 |
| | Before Ageing | During Ageing | |
| Ultimate tensile strength (MPa) | 17 | 12 | ASTM D412-06a |
| Force at Break (N) | 9 | 9 | EN 455-2 |

ORDERING INFORMATION

| | SIZE | 5.5 | 6 | 6.5 | 7 | 7.5 | 8 | 8.5 | 9 |
|--------|-------------|----------|----------|----------|----------|----------|----------|----------|----------|
| 73-500 | REORDER NO. | 73500055 | 73500060 | 73500065 | 73500070 | 73500075 | 73500080 | 73500085 | 73500090 |

Technology

SUREFIT™
Cuff Roll-down Technology

Performance Standards and
Regulatory Compliance

CE 0493

