



Neoprene

## 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 420:2003 + A1:2009, 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

#### 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 <sup>2</sup> )	≤ 2500		IEST-RP-CC005.4
Minimum Single Wall Palm Thickness (mm/mil)	0.10 - 0.15 / 5.90 - 5.91		EN 420/ASTM D3767
Minimum Single Wall Finger Thickness (mm/mil)	0.11 - 0.17 / 4.33 - 6.69		EN 420/ASTM D3767
Minimum 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

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#### Technology

**SUREFIT™**  
Cuff Roll-down Technology

Performance Standards and  
Regulatory Compliance



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