

Ultra-soft, comfortable protection for sterile environments

TouchNTuff® 83-500 is an ultra-soft, sterile Polyisoprene glove suitable for class 100 (ISO 5) cleanroom environments. It offers a comfortable, "second skin" feel for longer wear time and reduced hand fatigue. The latex-free polyisoprene material offers the performance of natural rubber latex without the risk of latex sensitization. Ideal for double donning.



- Compatible with Class 100 (ISO 5) / Grade A Cleanroom Environments
- Superior comfort with "second skin" feel
- Latex-free polyisoprene performance
- Prevents Type I allergies

Industries

- Laboratory Maintenance & Clean-Up
- Pharmaceutical Manufacturing
- Biotechnology Manufacturing
- Medical Device Manufacturing
- Laboratory Research and Development
- Preparation of Materials
- Production & Processing
- Lab and R&D
- Controlled and Critical Environments
- Production and Manufacturing

Recommended For

- Maintaining lab furniture and equipment
- Spill or leakage cleanup
- Transferring liquids and solids
- Packaging and labeling
- Transferring liquids
- Clean room cleaning and preparing
- Sample taking and processing
- Administering drugs
- Transferring liquids and solids between vessels and tanks and process equipment
- Maintenance



TECHNICAL DATA SHEET

PRODUCT INFORMATION

	83-500
Material	PI (Polyisoprene)
Color	White
Shape	Anatomic with Curved Fingers
Cuff	Beaded with SUREFIT™ Technology
Manufacturing/QMS Audit Standards	ISO 9001:2008
Regulatory/Standards Compliance	AS/NZS 4179, ASTM D3577, ASTM D7160, CE 0086, Category III, EAC TP TC 019:2011, EN 374:2003, EN 374:2003, EN 420:2003 + A1:2009, EN421:2010, EN 421:2010, EN 455 1-4, EN ISO 374-1:2016, EN ISO 374-5:2016, ISO 10282, ISO 11137-1:2006, ISO 13485, ISO 14001, ISO 9001, JIS T9107
Packaging	1 pair per inner polybag; 10 pairs per outer polybag; 5 polybags per master polybags; 4 master polybags per carton; 200 pairs per carton
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, 7.5, 8.0, 8.5, 9.0
Powder Content	Powder-Free
External Glove Surface	Smooth
Sterilization Method	GAMMA irradiation (25 kGy)
Cleanroom Compatibility	Class 100/ ISO 5/ Grade A
Shelf Life	3 Years
Tested for use with Chemotherapy Drugs	No
Protein Level	N/A: contains no natural rubber latex
Anti-static	Not Tested

PHYSICAL PROPERTIES

	Typical Values		Testing Method
Length (mm/in)	295 / 11.6		
Freedom from Holes	Manufacturing final release: 0.65 (Inspection level G1)		
Typical Particle Count > 0.5µm (counts / cm ²)	≤ 2500		IEST-RP-CC005.4
Minimum Single Wall Palm Thickness (mm/mil)	0.17 - 0.25 / 6.69 - 9.84		
Minimum Single Wall Finger Thickness (mm/mil)	0.19 - 0.27 / 7.48 - 10.63		EN 420:2003+A1:2009 / ASTM D3767
Minimum Single Wall Cuff Thickness (mm/mil)	0.16 / 6.23		EN 420:2003+A1:2009 / ASTM D3767
	Before Ageing	During Ageing	
Ultimate tensile strength (MPa)	17	12	
Force at Break (N)	9	9	

ORDERING INFORMATION

	SIZE	5.5	6	6.5	7	7.5	8	8.5	9
83-500	REORDER NO.	384214	384215	384216	384217	384218	384219	384220	384221

Technology

SUREFIT™

Cuff Roll-down Technology

Performance Standards and Regulatory Compliance



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