

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
- Clean room cleaning and preparing
- Sample taking and processing
- Administering drugs
- Transferring liquids and solids between vessels and tanks and process equipment



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 13485, ISO 9001:2015, Manufacturing QMS Audit Standards ISO 9001, PPE Regulation 2016 425 Module D
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, Please consult the IFU, ISO 10282, ISO 11193, Category III
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	Malaysia
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
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
Protein Level	N/A: contains no natural rubber latex
Anti-static	Not Tested
Vulcanization Chemical Accelerators	<ul style="list-style-type: none"> Xanthates Zinc Dialkyldithiocarbamate <p><i>Only a very small number of users may be sensitive to this ingredient(s) and hence may develop irritant and/or allergic contact reactions.</i></p>

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		IENT-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.21 - 0.02 / 8.27 - 0.79		EN 420/ASTM D3767
Target Single Wall Finger Thickness (mm/mil)	0.23 - 0.02 / 9.06 - 0.79		EN 420/ASTM D3767
Target Single Wall Cuff Thickness (mm/mil)	0.17 - 0.02 / 6.69 - 0.79		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
83-500	REORDER NO.	83500055	83500060	83500065	83500070	83500075	83500080	83500085	83500090

Technology

SUREFIT™

Cuff Roll-down Technology

Performance Standards and Regulatory Compliance

CE 0493

