TouchNTuff®
ADVANCED PRODUCT & WORKER PROTECTION

83-500

Sterile Polyisoprene Glove

PI
Polyisoprene

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



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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 9001:2015
Regulatory/Standards Compliance	AS/NZS 4179, ASTM D3577, ASTM D7160, CE 0493, EN 420:2003 + A1:2009, EN 556-1:2001, EN ISO 374-1:2016, EN ISO 374-5:2016, EN 421:2010, Please consult the IFU, ISO 10282, ISO 11193, ISO 13485, ISO 9001:2015
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 Class	Class 100/ISO 5 & EU GMP 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
Vulcanization Chemical Accelerators	• Zinc Diethyldithiocarbamate (ZDEC) • Zinc Dibutyldithiocarbamate (ZDBC) • Xanthates • N,N'-Diphenylthiourea • Sodium di-n-butyldithiocarbamate (SDBC) *Only a very small number of users may be sensitive to this ingredient(s) and hence may develop irritant and/or allergic contact reactions.*

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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
Minimum Single Wall Palm Thickness (mm/mil)	0.17 - 0.25 / 6.69 - 9.84	EN 420/ASTM D3767
Minimum Single Wall Finger Thickness (mm/mil)	0.19 - 0.27 / 7.48 - 10.63	EN 420/ASTM D3767
Minimum Single Wall Cuff Thickness (mm/mil)	0.16 / 6.23	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 · EN ISO 374-1:2016 Type B KPT · EN ISO 374-5:2016 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

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