TouchNTuff™

83-500
Sterile Disposable Polyisoprene Cleanroom Glove

Sterile polyisoprene gloves, designed for Class 100 (ISO 5)/Grade A cleanroom environments

- **Elevated comfort:** Ideal for double gloving, TouchNTuff™ 83-500 polyisoprene cleanroom gloves' ultra-soft polyisoprene offers "second skin"-like comfort and minimizes hand fatigue with prolonged wear
- **Reduced allergy risks:** They contain no latex proteins, meaning they do not pose any threat related to Type I latex allergies and sensitivities
- **Sterility assurance:** These disposable gloves are sterilized by gamma irradiation, with a sterility assurance level (SAL) of 10-6



KEY FEATURES & BENEFITS

- **Ultra-soft polyisoprene:** "Second skin" comfort and feel
- **Latex-free design:** Latex Type I allergy risks eliminated
- **Gamma sterilization:** A sterility assurance level (SAL) of 10-6

Industries

- Laboratory Maintenance & Clean-Up
- Pharmaceutical Manufacturing
- Biotechnology Manufacturing
- Medical Device Manufacturing
- Laboratory Research and Development
- 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



TouchNTuff™

83-500

Sterile Disposable Polyisoprene Cleanroom Glove

TECHNICAL DATA SHEET

	Product Information
Material	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/Standard Compliance	AS/NZS 4179, ASTM D3577, ASTM D7160, CE 0493, EN 556-1:2001, EN ISO 21420:2020, EN ISO 374-1:2016 Type B (KPT), EN ISO 374-5:2016, EN 421:2010, Please consult the IFU, ISO 10282, ISO 11193, Category III, UKCA
Packaging	1 pair of gloves per inner wallet, 1 inner wallet per inner polybag, 10 inner polybags per outer polybag, 5 outer polybags per plain polybag, 4 plain polybags (200 pairs) per lined carton **More sustainable packaging**: These sterile gloves are packed in recyclable plastic packaging* and delivered in recycled cardboard shipper cases. *Inner wrap, pouch, bag and liner are made from polyethylene (PE) based film. Always check your local recyclable status as these materials may not be considered suitable for recycling in your location.
Storage	Keep away from direct sunlight; store in a dry place and keep in the original packaging. Keep away from ozone sources. If products are properly stored, as indicated, they won't lose their performances or change characteristics significantly. If products could be affected by ageing or storage, the expiry date is mentioned on the packaging materials.
Available sizes	5.5, 6, 6.5, 7, 7.5, 8, 8.5, 9
External Glove Surface	Smooth
Internal Glove Surface	Polymer Coated with DERMASHIELD™ Technology
Sterilization Method	GAMMA irradiation (25 kGy)
Shelf Life	5 Years
Tested for use with Chemotherapy Drugs	Yes, in accordance with ASTM D6978
Protein Level	Not Applicable: contains no natural rubber latex
Anti-static	No

TouchNTuff™

83-500

Sterile Disposable Polyisoprene Cleanroom Glove

Physical Properties		Testing Method
Typical 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
Force at Break (N) Before Aging	9	EN 455-2
Force at Break (N) During Aging	9	EN 455-2

ORDERING INFORMATION

SIZE	5.5	6	6.5	7	7.5	8	8.5	9
REORDER NO.	83500055	83500060	83500065	83500070	83500075	83500080	83500085	83500090

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE

CE 0493 EN ISO 374-5 VIRUS EN 421 UK CA

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

Technology

A.R.T™ Pinhole Barrier Technology
DERMASHIELD™ Donning Aid Technology
ERGOFORM™ Ergonomic Design Technology
PI-KARE™ Skin-friendly, non-sensitizing PI Technology
SUREFIT™ Cuff Roll-down Technology

Ansell, ® and ™ are trademarks owned by Ansell Limited or one of its affiliates. US Patented and US and non-US Patents Pending: www.ansell.com/patentmarking © 2025 Ansell Limited. All Rights Reserved.

Neither this document nor any other statement made herein by or on behalf of Ansell should be construed as a warranty of merchantability or that any Ansell product is fit for a particular purpose. Ansell assumes no responsibility for the suitability or adequacy of an end user's selection of gloves for a specific application.

Ansell