



Polyisoprene



Sterile

**TouchNTuff®**  
ADVANCED PRODUCT & WORKER PROTECTION

83-500  
**Sterile Polyisoprene Glove**  
Comfortable Latex Free Polyisoprene

## Second skin feel without latex sensitization

The TouchNTuff® synthetic Polyisoprene glove is engineered to deliver all the performance of natural rubber latex without the risk of latex sensitization.

### FEATURES AND BENEFITS:

#### Comfort & Fit

Produced on new, ergonomically-designed hand specific formers to enhance fit and comfort, and to reduce hand fatigue and stress.

Stretchability (Modulus). As this glove is made from non-latex polyisoprene, wearers experience a more secure fit that provides greater comfort without bagginess.

#### Low Allergenicity

Does not contain natural rubber latex. Made of 100% synthetic polyisoprene and is safe for latex-sensitive (Type I) manufacturing and laboratory professionals.

#### Cuff Roll-Down

Ansell's patent-pending SureFit Technology™ provides workers in the Life Sciences segment with superior protection during routine lab work and manufacturing.

#### Donning

Ansell's proprietary inner coating technology enables ease of dry and wet hand donning. Design and thickness allow for easy and comfortable double-gloving.

#### Grip

Anti-slip finish helps prevent slippage and designed to provide a great degree of grip.



**Ansell**

## TECHNICAL DATA SHEET:

### PRODUCT INFORMATION:

<b>Material</b>	Polyisoprene
<b>Color</b>	White
<b>Glove Design</b>	Hand specific and smooth finish
<b>Cuff</b>	Long glove with a beaded cuff
<b>Sterilization</b>	Gamma radiation: sterility assurance level (Sal) 10 <sup>-6</sup>
<b>Clean Room Compatibility</b>	Gloves are packed in a controlled environment, in a clean room-compatible packaging material, which is printed with IPA resistance ink. Customers need to make their own determination based on cleanliness standards. We expect this glove should be suitable for ISO Class 5 or higher clean room environments
<b>Audit Standards</b>	Manufacturing Facility Registered to ISO 9001, ISO 13485 and ISO 14001
<b>Quality Control</b>	Compliant with ASTM D 3577, Type II
<b>Packaging</b>	One pair per poly wallet, sealed in a poly envelope; 10 pairs per outer polybag; 5 sealed outer polybags per master polybag; 4 sealed master polybags per lined carton; 200 pairs per carton
<b>Storage</b>	Cool environment, shielded from ozone and UV light
<b>Country of Origin</b>	Sri Lanka

### PHYSICAL PROPERTIES:

PROPERTY	TYPICAL VALUES								TESTING METHOD
SIZE	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0	
Length (mm)	305	305	305	310	310	310	310	310	ASTM D3767/EN 420
Average Palm Width (mm)	70	76	83	89	95	102	108	114	
Freedom from Holes (Inspection level I)	1.0 AQL*								ASTM D5151/EN 374-2
Palm Thickness Single Wall	(mm: 0.2130.04) / (mils: 8.3)								ASTM D3767/EN 420
Particulate Count	■ 2500 Counts / cm <sup>2</sup>								IEST-RP-CC005.2-7
Endotoxin	10.4 EU/pair of gloves								ASTM D7102

	BEFORE AGING	AFTER AGING	
Ultimate Tensile Strength	■ 17 MPa alongside	■ 12 MPa alongside	ASTM D 412-06a
Elongation at Break	■ 650% alongside	■ 490% alongside	ASTM D 412-06a
Modulus @ 500%	■ 7MPa	N/A	ASTM D 412-06a
Force at break	■ 9N	■ 9N	EN 455-2

\* Acceptable Quality Level (AQL): Ansell inspects to a 0.65 AQL and releases to a 1.0 AQL.

### ORDERING INFORMATION:

SIZE	5.5	6.0	6.5	7.0	7.5	8.0	8.5	9.0
ASPN	384214	384215	384216	384217	384218	384219	384220	384221
ORACLE	112442	112443	112444	112445	112446	112447	112448	112449



For additional information visit us at [www.ansell.com](http://www.ansell.com), or call us at

North America: +1 800 800 0444

Latin America: +52 442 21338 58

Asia Pacific: +852 2185 0600

Europe: +32 2 528 74 00

Australia: +61 3 9270 7270

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