

Comfort and durability against punctures and tears

High Puncture Resistance

Manufactured from nitrile, these gloves offer three times the puncture resistance of standard latex gloves.

Enhanced Levels of Safety & Comfort

The unique formulation of TouchNTuff gloves provides the wearer with a high level of comfort and durability against puncture and tears.

Type I Allergy Protection

Made without natural rubber latex which may cause Type I skin allergies.

Clean & Sterile

TouchNTuff Nitrile is available in 2 versions:
TouchNTuff® 93-300: Non-sterile version
TouchNTuff® 93-700: Sterile version

Industries

- Biotechnology
- Electronics
- Pharmaceutical

Applications (Non-sterile) - 93-300

- Acid resistance
- Chemical handling
- Cytostatics handling
- Filtration processes
- Laboratory analysis
- Light assembly tasks
- Light duty maintenance
- Pharmaceutical manufacturing



Nitrile



93-300
Clean
Environment



93-700
Sterile
Environment



Applications (Sterile) - 93-700

- Acid resistance
- Chemical handling
- Filtration processes
- Laboratory analysis
- Light assembly tasks
- Light duty maintenance
- Pharmaceutical manufacturing

TECHNICAL DATA SHEET: PRODUCT INFORMATION:

	93-300 (Non sterile)	93-700 (Sterile)
Material	Nitrile	
Color	Teal Green	
Glove Design	Ambidexterous and Textured Fingers	
Cuff	Long, beaded	
Sterilization	Not applicable	Gamma irradiation: sterility assurance level (Sal) 10 ⁶
Clean Room Compatibility	Gloves are packed in a class 100 clean room environment, in a cleanroom-compatible packaging material, which is printed with IPA resistance ink. Customers need to make their own determination based on cleanliness standards. Recommended for Class 100 (ISO 5) areas. Grade A Clean Room Suitable.	
Audit Standards	Manufacturing Facility Registered to ISO 9001, ISO 13485 and ISO 14001	
Performance Compliance	Compliant with ASTM D 3577, Type II	
Packaging	50 gloves packed in a vacuum-sealed in an unprinted polybag, two bags of 50 gloves per master polybag. 10 master poly bags inside a poly case liner placed inside a shipper/carton. In total 1000 gloves per outer carton.	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
Storage	Cool environment, shielded from ozone and UV light	
Country of Origin	Thailand	

PHYSICAL PROPERTIES:

PROPERTY	TYPICAL VALUES				TESTING METHOD
SIZE	S (6.5-7)	M (7.5-8)	L (8.5-9)	XL (9.5-10)	
Nominal Length (mm / inches)	300 / 11.8	300 / 11.8	300 / 11.8	300 / 11.8	ASTM D3767/EN 420
Average Palm Width (mm)	80	95	110	120	
Freedom from Holes (Inspection level I)	1.5 AQL				ASTM D5151/EN 374-2
Palm Thickness Single Wall	(mm: 0.135±0.015) / (mils: 5.3)				ASTM D3767/EN 420
Particulate Count	≤ 1200 Counts / cm ²				IEST-RP-CC005.2-7
Endotoxin: Only for 93-700 (Sterile)	10.4 EU/pair of gloves				ASTM D7102

	BEFORE AGING	AFTER AGING	
Ultimate Tensile Strength	≥ 14 MPa	≥ 14 MPa	ASTM D 412-06a
Elongation at Break (%)	≥ 500	≥ 400	ASTM D 412-06a
Modulus @ 500% (MPa)	≤ 7	≤ 7	ASTM D 412-06a
Force at break (N)	≥ 9	≥ 9	EN 455-2

IONIC CONTENT	SPECIFICATION	IONIC CONTENT	SPECIFICATION
Chloride (Cl ⁻)	<0.600 µg/cm ²	Aluminium (Al ³⁺)	<0.050 µg/cm ²
Nitrate (NO ₃ ⁻)	<0.800 µg/cm ²	Magnesium (Mg ²⁺)	<0.050 µg/cm ²
Sulphate (SO ₄ ²⁻)	<0.200 µg/cm ²	Zinc (Zn ²⁺)	<0.300 µg/cm ²
Sodium (Na ⁺)	<0.500 µg/cm ²	Lithium (Li ⁺)	< 0.0004 µg/cm ²
Potassium (K ⁺)	<0.050 µg/cm ²	Copper (Cu ²⁺)	<0.050 µg/cm ²
Calcium (Ca ²⁺)	<0.500 µg/cm ²	Iron (Fe ³⁺)	<0.050 µg/cm ²

ORDERING INFORMATION:

	SIZE	S (6.5-7)	M (7.5-8)	L (8.5-9)	XL (9.5-10)
93-300	ASPN	556079	556080	556081	556082
	ORACLE	114882	114883	114884	114885
93-700	ASPN	384230	384231	384232	384233
	ORACLE	112429	112430	112431	112432

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.

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Regulatory Compliance



Performance Standards

