



Nitrile



93-300
Clean
Environment



93-700
Sterile
Environment

TouchNTuff®

ADVANCED PRODUCT & WORKER PROTECTION

93-300 93-700

Nitrile Gloves

Robust Latex Free Nitrile Single use

Protection you can afford from a Nitrile single use glove

The new TouchNTuff® Nitrile gloves are a value solution that deliver superior protection without compromising comfort.

FEATURES AND BENEFITS:

Superior Chemical Protection

The TouchNTuff gloves deliver the highest protection for a wide range of chemicals than any other single use nitrile glove.

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 increased protection in the forearm (longer cuff).

Low Allergenicity

Nitrile gloves are not made with Natural Rubber Latex responsible for end users' Type I Allergy, thus reducing the risk of development of such allergies.

Clean & Sterile

TouchNTuff Nitrile is available in 2 versions:

TouchNTuff® 93-300: Non-sterile version

TouchNTuff® 93-700: Sterile version



Ansell

TECHNICAL DATA SHEET

PRODUCT INFORMATION:

	93-300 (Non sterile)	93-700 (Sterile)
Material	Nitrile Latex	
Color	Green	
Glove Design	Anatomic Ambidexterous	
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 ISO 5 areas.	
Audit Standards	Manufacturing Facility Registered to ISO 9001, ISO 13485 and ISO 14001	
Quality Control	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)	ASTM D3767/EN 420
Nominal Length (mm)	300	300	300	300	
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	≤ 1500 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%	≤ 7MPa	≤ 7MPa	ASTM D 412-06a
Force at break	≥ 9N	≥ 9N	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



For additional information visit us at www.touchntuff.com, or call us at

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