

Comfortable nitrile cleanroom gloves, compatible with Class 100 (ISO 5) cleanroom environments

- **Improved protection and durability:** TouchNTuff® 93-300 nitrile cleanroom gloves are comfortable and robust, ensuring strong chemical splash resistance and resistance against punctures and tears
- **Safeguarded product integrity:** These nitrile gloves are entirely silicone-free, preventing potential contaminant transfer and safeguarding product integrity
- **Assured cleanliness:** They are also designed to be compatible with Class 100 (ISO 5) cleanroom environments, delivering hand protection that is reliable and fit for purpose
- **Robust nitrile formulation:** Puncture, tear and chemical splash resistance
- **Silicone-free design:** Improved product protection
- **Class 100 (ISO 5) cleanroom compatibility:** Assured cleanliness



Industries

- Biotechnology Manufacturing
- Electronics manufacturing

Recommended For

- Clean room cleaning and preparing
- Blending, compounding solids and liquids
- Spill or leakage cleanup
- Transferring liquids and solids
- Loading centrifuges and chromatography columns
- Assembly of parts
- Weighing and dispensing of solid and liquid raw materials



TECHNICAL DATA SHEET

Product Information	
Material	Nitrile
Color	Green
Shape	Ambidextrous
Cuff	Beaded
Manufacturing/QMS Audit Standards	ISO 9001:2015
Regulatory	ASTM D6319, Category III, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, EN 421:2010, FDA21 CFR 177-2600-US Food Contact Approved, Food Type: Rubber, ISO 13485, ISO 14001
Packaging	50 gloves per vacuum sealed polybag; 2 polybags per master polybag; 10 master poly bags per poly lined case
Storage	Keep out of direct sunlight; store in a cool and dry place. Keep away from sources of ozone or ignition.
Country of Origin	Thailand
Available sizes	S (6.5 - 7), M (7.5 - 8), L (8.5 - 9), XL (9.5 - 10)
Powder Content	Powder-Free
External Glove Surface	Textured Fingers
Internal Glove Surface	Powder-Free, Chlorinated
Cleanroom Class	Class 100/ISO 5
Shelf Life	3 Years
Tested for use with Chemotherapy Drugs	Yes
Protein Level	N/A: contains no natural rubber latex
Anti-static	Yes EN1149

Physical Properties		Testing Method
Typical Length (mm/in)	300 / 12	EN 420/ASTM D3767
Freedom from Holes	1.5 AQL	EN 455-1/ASTM D3577
Typical Particle Count $\geq 0.5\mu\text{m}$ (counts / cm^2)	$\leq 1,200$ particles / cm^2	IENT-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.13 / 5.1	EN 420/ASTM D3767
Target Single Wall Finger Thickness (mm/mil)	0.16 / 6.3	EN 420/ASTM D3767
Target Single Wall Cuff Thickness (mm/mil)	0.08 / 3.1	EN 420/ASTM D3767
Ultimate tensile strength (MPa) Before Aging	≥ 14	ASTM D412-06a
Force at Break (N) Before Aging	≥ 9	EN 455-2

ORDERING INFORMATION

SIZE	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)
REORDER NO.	114882	114883	114884	114885

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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