

Comfortable sterile nitrile disposable gloves, made for Class 100 (ISO 5) cleanroom environments

- **Heightened protection and durability:** TouchNTuff® 93-700 cleanroom gloves' unique nitrile formulation ensures comfort, durability and protection against chemical splashes
- **Sterility assurance:** These protective gloves are sterilized by gamma irradiation, ensuring them a sterility assurance level (SAL) of 10⁻⁶
- **Assured product integrity:** In addition, they are silicone-free, lowering the risk of contaminant transfer that may compromise product integrity
- **Proprietary nitrile formulation:** Durability and chemical splash protection
- **Gamma sterilization:** A sterility assurance level (SAL) of 10⁻⁶
- **Silicone-free:** Assured product protection



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 D6978, 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	1 pair/poly wallet sealed in a poly envelope; 10 pairs/outer polybag; 5 sealed outer polybags/master polybag; 4 sealed master polybags/lined carton/case; 200 pairs/ carton(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	L (8.5 - 9), M (7.5 - 8), S (6.5 - 7), XL (9.5 - 10)
Powder Content	Powder-Free
External Glove Surface	Textured Fingers
Internal Glove Surface	Powder-Free, Chlorinated
Sterilization Method	GAMMA irradiation (25 kGy)
Cleanroom Class	Class 100/ISO 5
Shelf Life	3 Years
Tested for use with Chemotherapy Drugs	Yes, in accordance with ASTM D6978 (Not listed in the US FDA 510k)
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)	$\leq 1,500$ 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.	112429	112430	112431	112432

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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