TouchNTuff™

93-300
Non-sterile Disposable Nitrile Cleanroom Glove

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

KEY FEATURES & BENEFITS

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

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TECHNICAL DATA SHEET

	Product Information
Material	Nitrile
Color	Green
Shape	Ambidextrous
Cuff	Beaded
Manufacturing/QMS Audit Standards	ISO 13485, ISO 14001, ISO 9001
Regulatory/Standard Compliance	ASTM D6319, CE 0493, Category III, EN 455 Part 2, 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, UKCA
Packaging	50 gloves per vacuum sealed polybag; 2 polybags per master polybag; 10 master poly bags per poly lined case **More sustainable packaging:** These nitrile gloves are packed in recyclable plastic packaging* and delivered in recycled cardboard shipper cases. *Inner wrap, pouch, bag and liner are made from polyethylene (PE) based film. Always check your local recyclable status as these materials may not be considered suitable for recycling in your location.
Storage	Keep away from direct sunlight; store in a dry place and keep in the original packaging. Keep away from ozone sources. If products are properly stored, as indicated, they won't lose their performances or change characteristics significantly. If products could be affected by ageing or storage, the expiry date is mentioned on the packaging materials.
Available sizes	XS (5.5 - 6), 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	Not Applicable: contains no natural rubber latex
Anti-static	Yes
RightCycle	Yes
Vulcanization Chemical Accelerators	• Zinc Dibutyldithiocarbamate (ZDBC) *Only a very small number of users may be sensitive to this ingredient(s) and hence may develop irritant and/or allergic contact reactions.*

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Physical Properties		Testing Method
Typical Length (mm/in)	300 / 12	EN ISO 21420
Freedom from Holes	1.5 AQL	EN 374-2
Typical Particle Count ≥0.5µm (counts / cm^2)	≤ 1,200 particles / cm^2	IEST-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.13 / 5.1	EN 455-2
Target Single Wall Finger Thickness (mm/mil)	0.17 / 6.7	EN 455-2
Target Single Wall Cuff Thickness (mm/mil)	0.08 / 3.1	EN 455-2
Ultimate tensile strength (MPa) During Aging	≥ 14	ASTM D412-06a
Force at Break (N) During Aging	≥ 9	EN 455-2

ORDERING INFORMATION

SIZE	XS (5.5 - 6)	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)
REORDER NO.	93300060	93300070	93300080	93300090	93300100

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE

CE 0493 EN ISO 374-1:2016 Type B JKPT EN ISO 374-5 VIRUS EN 421 UK CA

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