

Extra-thin chemical-resistant cleanroom gloves, featuring a robust, tactile three-layer design

- **Specialized protection:** MICROFLEX™ 93-360 antistatic cleanroom gloves feature a three-layer design, offering superb protection from harsh chemicals, including acids, bases and various solvents
- **Elevated comfort:** Their extra-soft proprietary formulation combines comfort, tactility and dexterity
- **Reduced allergy risks:** These silicone-free cleanroom gloves' nitrile and neoprene composite is free of latex, preventing the risk of Type I latex allergies
- **Minimized contamination risks:** As these MICROFLEX™ gloves come in non-particulating EasyTear packaging, potential contamination risks are also kept to a minimum



KEY FEATURES & BENEFITS

- ◊ **Three-layer design:** Protection against harsh chemical hazards*
- ◊ **Proprietary formulation:** Comfort, tactility and dexterity
- ◊ **Nitrile and neoprene composite:** Type I latex allergy risks eliminated

*including acids, solvents and bases

Industries

- Pharmaceutical Manufacturing
- Biotechnology Manufacturing
- Medical Device 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

TECHNICAL DATA SHEET

	Product Information
Material	Nitrile + Neoprene (Polychloroprene)
Color	Teal, Blue
Shape	Ambidextrous
Cuff	Beaded
Manufacturing/QMS Audit Standards	ISO 9001
Regulatory/Standard Compliance	ASTM D6319, CE 0493, EN 388:2016, EN 421:2010, EN ISO 21420:2020, EN ISO 374-1:2016, EN ISO 374-5:2016, Category III, UKCA
Packaging	50 gloves packed in a vacuum-sealed polybag. 1 bag of 50 gloves per master polybag. 10 master polybags inside a poly case liner placed inside a shipper/carton. In total 500 gloves per carton. More sustainable packaging: These nitrile and neoprene 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), 2XL (10.5-11)
External Glove Surface	Textured Fingers
Internal Glove Surface	Chlorinated
Cleanroom Class	Class 100/ISO 5
Shelf Life	5 years
Tested for use with Chemotherapy Drugs	Yes, in accordance with ASTM D6978 (Not listed in the US FDA 510k)
Protein Level	Not Applicable: contains no natural rubber latex
Anti-static	Yes
Vulcanization Chemical Accelerators	Zinc Dibutyldithiocarbamate (ZDBC) <i>Only a very small number of users may be sensitive to this ingredient(s) and hence may develop irritant and/or allergic contact reactions.</i>

Physical Properties							Testing Method
Sizes	XS (5.5 - 6)	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)	2XL (10.5-11)	EN 420,ASTM D3767
Typical Length (mm/in)	285 / 11.2						
Palm Width (mm/in)	76/3.0	85/3.4	95/3.7	106/4.2	115/4.5	122/4.8	
Freedom from Holes	0.65 AQL Performance Level 3						EN 374-2
Typical Particle Count ≥0.5µm (counts / cm²)	< 5100						IEST-RP-CC005.4
Target Single Wall Palm Thickness (mm/mil)	0.20 / 7.87						EN 420/ASTM D3767
Target Single Wall Finger Thickness (mm/mil)	0.23 / 9.05						EN 420/ASTM D3767
Target Single Wall Cuff Thickness (mm/mil)	0.15 / 3.81						EN 420/ASTM D3767
Force at Break (N) During Aging	≥ 6						EN 455-2

IONIC CONTENT

Concentration in $\mu\text{g}/\text{cm}^2$	Typical	Concentration in $\mu\text{g}/\text{cm}^2$	Typical
Ammonium	<0.06	Nitrate	<1.00
Bromide	<0.01	Nitrite	<0.0004
Calcium	<1.25	Phosphate	<0.0004
Chloride	<0.65	Potassium	<0.08
Fluoride	<0.01	Sodium	<0.13
Lithium	<0.0004	Sulphate	<0.15
Magnesium	<0.05	Zinc	<0.03

ORDERING INFORMATION

SIZE	XS (5.5 - 6)	S (6.5 - 7)	M (7.5 - 8)	L (8.5 - 9)	XL (9.5 - 10)	2XL (10.5-11)
REORDER NO.	93360060	93360070	93360080	93360090	93360100	93360110

PERFORMANCE STANDARDS AND REGULATORY COMPLIANCE



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

Europe, Middle East & Africa Region

Ansell Healthcare Europe NV
T: +32 (0) 2 528 74 00
F: +32 (0) 2 528 74 01

Asia Pacific Region

Ansell Global Trading Center
T: +603 8310 6688
F: +603 8310 6699

North America Region

Ansell Healthcare Products LLC
US T: +1 800 800 0444
US F: +1 800 800 0445
CA T: +1-800-363-8340

Latin America & Caribbean Region

Ansell Commercial Mexico S.A. de C.V.
T: +52 442 248 1544 / 248 3133

Australia

Ansell Limited
T: +61 1800 337 041
F: +61 1800 803 578

UK

Ansell Nitritex
T: +44 1638 663338
F: +44 1638 668890

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