



PRODUCT

PRINCIPLE Sterile Nitrile Gloves

TECHNICAL DATASHEET

DESCRIPTION

Integrity Cleanroom PRINCIPLE Sterile Nitrile Gloves are hand specific, with a longer length beaded cuff which has been designed for extra protection. The textured surface and enhanced grip makes these sterile nitrile gloves ideal for handling delicate items.

Our gloves are powder and latex free, assisting in reducing the risk of an allergic reaction.

Sterilised by minimum 2.5Mrad Gamma radiation.

FEATURES

- Sterile
- Class 100/ISO 5
- 100% nitrile butadiene rubber
- Powder and latex free
- Length: 305mm / 12 inch
- Longer length for enhanced protection
- Textured palm for easy handling
- Suitable for use with ESD sensitive components

PRODUCT CODE	DESCRIPTION	SIZE	QUANTITY (per case)
602-0400	PRINCIPLE Sterile Nitrile Glove	6	1 pair/pouch 10 pairs/outer 200 pairs/case
602-0401	PRINCIPLE Sterile Nitrile Glove	6.5	1 pair/pouch 10 pairs/outer 200 pairs/case
602-0402	PRINCIPLE Sterile Nitrile Glove	7	1 pair/pouch 10 pairs/outer 200 pairs/case
602-0403	PRINCIPLE Sterile Nitrile Glove	7.5	1 pair/pouch 10 pairs/outer 200 pairs/case
602-0404	PRINCIPLE Sterile Nitrile Glove	8	1 pair/pouch 10 pairs/outer 200 pairs/case
602-0405	PRINCIPLE Sterile Nitrile Glove	8.5	1 pair/pouch 10 pairs/outer 200 pairs/case
602-0406	PRINCIPLE Sterile Nitrile Glove	9	1 pair/pouch 10 pairs/outer 200 pairs/case
602-0407	PRINCIPLE Sterile Nitrile Glove	10	1 pair/pouch 10 pairs/outer 200 pairs/case

To request a quotation or for more information, please call **+44 (0)1473 836205**
email info@integritycleanroom.co.uk or visit www.integritycleanroom.co.uk

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SPECIFICATIONS

PROPERTIES	RESULT
Surface	Palm textured
Colour	Off-White
Length	305mm / 12 inch
Thickness	5.0 mil (±1)
Tensile strength	Min 15 Mpa
Elongation	600%
Packing style	1 pair per pouch, 10 pairs per pack, 20 packs per case (200 pairs total)
Physical Properties	Meets the requirements of the Glove Standard EN ISO 21420:2020, and the European Medical Gloves Standard EN455 (Parts 1, 2, 3, 4) & EN374-:2016 (Parts 1, 2, 3, 4, 5 and EN ISO 16523-1:2015+A1:2018). Product fulfils the cleanroom specifications of nitrile gloves as per ISO 23464:2020
AQL	AQL 1.5
Material	100% Nitrile Butadiene Rubber
Shelf life	Five (5) years from date of irradiation
Storage instructions	Store in a cool dry place (< 40°C) away from direct sunlight and fluorescent light
Batch Traceability	Individual bags of 10 pairs marked with batch numbers
Liquid Particle Counts (as determined by IES-RP-C005.4)	< 1200 particle counts cumulative at 0.5micron
Organics (IES-RP-CC005.4)	No Silicone Oil / DOP / Amides detected by FTIR Spectroscopy
Non-Volatile Residue	<10 microgram/sq. cm
ESD Parameters (ASTM D-257)	Surface Resistance - ≤10E10 Ohms/sq. Decay Time (Sec) - ≤0.5 Tribo Charge (Volts) - ≤20
Dimension Criteria	Length: 300 ±10 mm Palm Width: 77 ±5 mm to 127 ±5 mm Single Wall thickness (x0.01mm) Finger thickness: 0.14 ± 0.02 mm Palm thickness: 0.12 ± 0.02 mm Cuff thickness: 0.09 ± 0.02 mm

Ionic Burden (microgram/ sq cm)(as determined by IES-RP-C005.4)			
Fluoride	<0.030	Sulphate	<0.800
Chloride	<1.200	Nitrate	<1.000
Phosphate	<0.800	Bromide	<0.050
Sodium	<0.050	Magnesium	<0.004
		Potassium	<0.050

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