



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 surface for easy handling

| 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 EN420:2003+A1:2009 and the European Medical Gloves Standard EN455 (Parts 1, 2, 3, 4) & EN374-:2016 (Part 1, 2, 3, 4 and 5). 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: 305 ±10 mm Palm Width: 77 ±5 mm to 120 ±5 mm Single Wall thickness Finger thickness: 0.18 ± 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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