SimTec
Cleanroom Gloves

# Sterile Latex Gloves

## LG030-S

Natural • 300 mm length • Gamma sterilized



| | |
|---|---|
| Material: | Natural rubber latex, powder-free |
| Design: | Hand-specific, rolled edge, textured palm and fingers |
| Size: | 5.5 – 10.0 |
| Colour: | Natural |
| Strength: | Fingertip 0.20 ± 0.02 mm<br>Palm 0.18 ± 0.02 mm<br>Cuff 0.12 ± 0.02 mm |
| Length: | 300 ± 10 mm |
| Particles: | <1200 per cm² > 0.5 µm |

CE 0120
PPE CATEGORY III

ISO 374-5:2016 ISO 374-1:2016 / TYPE C

STERILE R
0.65 AQL

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# Specifications LG030-S

| Item number<br>Size | 330828<br>5.5 | 330829<br>6.0 | 330830<br>6.5 | 330831<br>7.0 | 330832<br>7.5 | 330833<br>8.0 | 330834<br>8.5 | 330835<br>9.0 | 330836<br>10.0 |
|---|---|---|---|---|---|---|---|---|---|
| **Total length (± 10 mm)** | 300 mm | 300 mm | 300 mm | 300 mm | 300 mm | 300 mm | 300 mm | 300 mm | 300 mm |
| **Width Palm (± 3 mm)** | 73 mm | 81 mm | 88 mm | 91 mm | 100 mm | 106 mm | 115 mm | 118 mm | 130 mm |
| **Weight per piece (± 0.5 g)** | 7.2 g | 7.8 g | 8.4 g | 9.1 g | 9.4 g | 11.1 g | 11.3 g | 11.8 g | 12.4 g |

## Residue

| Non-volatile residue | Silicon oil |
|---|---|
| < 10 µg/cm² | no silicon oil according to FTIR |

## Chemical properties

| Protein content according to ASTM D 5712 | Powder content according to ASTM D 6124 |
|---|---|
| max. 50 µm/dm² | max. 2 mg/Glove |

## Physical properties

| | Before Ageing | | After Ageing | |
|---|---|---|---|---|
| | **Tensile strength (MPa)** | **Elongation (%)** | **Tensile strength (MPa)** | **Elongation (%)** |
| **ASTM D 3577** | > 24 | > 750 | > 18 | > 560 |
| **EN 455-2** | Force at break: min. 12 Newton | | Force at break: min. 9 Newton | |

## Ion content

| **Particle count** | max. Anions (µg/cm²) | | | | | | | max. Kations (µg/cm²) | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Count/cm²** | $F^-$ | $Cl^-$ | $NO_2^-$ | $Br^-$ | $NO_3^-$ | $PO_4^{3-}$ | $SO_4^{2-}$ | $Na^+$ | $NH_4^+$ | $K^+$ | $Mg^{+2}$ | $Ca^{2+}$ | $Zn^{2+}$ |
| < 1200 | < 0.02 | < 0.75 | < 0.05 | < 0.05 | <0.4 | < 0.05 | < 0.1 | < 0.04 | < 0.15 | < 0.05 | < 0.01 | < 0.4 | < 1.0 |

## Quality standard

| **Random sampling based on ISO 2859** | **Property** | **Dimension** | **Physical Properties** | **Water tight** | **Optical defect (major)** | **Optical defect (minor)** |
|---|---|---|---|---|---|---|
| | Inspection Level | S – 2 | S – 2 | G 1 | G 1 | G 1 |
| | AQL | 4.0 | 4.0 | 0.65 | 1.5 | 1.5 |

Packaging: bag with “Easy-Tear-opening”
1 pair per PE bag
20 PE bags per welded (double) polybag
10 polybags per double-walled carton
200 pairs per box

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All statements without guarantee. They were compiled on the basis of extensive research.
A legal liability can not be derived from this.

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