KIMTECH

Kimtech™ G3 White Nitrile Gloves

Kimtech™ G3 White Nitrile Gloves are ideal for handling delicate equipment in microelectronics, semiconductor, optics and non-sterile pharmaceutical applications; when the highest levels of sensitivity, protection and performance are required.

The high quality nitrile gloves deliver seamless protection when and where it is needed, and are suitable for ISO Class 3 or higher cleanroom environments.

The nitrile polymer material is designed for fit and reliability, with textured fingertips for improved grip and excellent water tightness with a low risk of pinholes. The gloves are ambidextrous and incorporate a beaded cuff for added strength and ease of donning, so the wearer can simply grab and go without any fear of ripping the material.

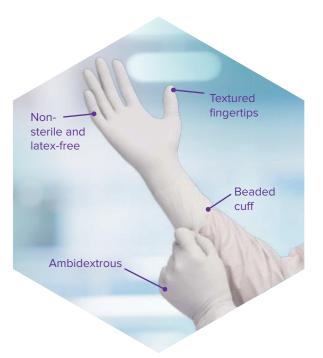
Our non-sterile nitrile gloves are also latex-, silicone- and powder-free. The absence of natural rubber latex reduces the risk of TYPE 1 glove-associated reactions, protecting the wearer as well as the application.

During manufacture the gloves are washed repeatedly in ultra pure deionised water to ensure consistent control of particles and extractables. The gloves are designed to satisfy regulatory compliance requirements and are provided double-bagged in cleanroom-compatible polyethylene and case liner so as to be easily integrated into your processes.

- Ambidextrous
- Non-sterile cleanroom gloves for delicate applications
- Tacky finishing with textured fingertips



Double bagged with case liner



Cleanliness characteristics

| Cleanliness characteristics | Lir | Test method | | |
|--|------|----------------|----------|--|
| Particles | | | | |
| Per cm²≥ 0,5µm | 95 | | | |
| Extractables | μg/g | μg/cm² | | |
| Sodium (Na+) | 10 | 0.07 | | |
| Ammonium (NH ₄ +) | 5 | 0.03 | | |
| Potassium (K+) | 5 | 0.03 | IEST-RP- | |
| Magnesium (Mg²+) | 5 | 0.03 | CC005 | |
| Calcium (Ca²+) | 45 | 0.30 | | |
| Chloride (Cl ⁻) | 35 | 0.23 | | |
| Nitrate (NO ₃ -) | 15 | 0.10 | | |
| Sulfate (SO ₄ ²⁻) | 10 | 0.07 | | |
| Zinc (Zn²+) | 25 | 0.17 | | |

Size Guide

| Size | Former Code | New Code | Length | Quantity | |
|------|----------------|----------|---------|--------------------------------|--|
| XS | HC61010 | 56880 | | | |
| S | HC61011 | 56881 | | | |
| M | HC61012 | 56882 | 30.5 cm | 100 gloves / bag = 1,000 | |
| | HC61013 | 56883 | | | |
| XL | HC61014 | 56886 | | gloves | |

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Key Features

- Industry-leading disposable nitrile gloves offer high levels of protection, cleanliness and quality
- » Nitrile¹ construction results in products that are stronger and leaner than latex gloves, and feature better protection against a wide range of contaminants including microorganisms, viruses and chemical splash
- > Textured fingertips enhance grip and tactile sensitivity for safer and more efficient processes

Assured Compliance

- > PPE Cat III according to Regulation (EU) 2016/425 and to the Regulation 2016/425 as brought into UK law and amended
- > EN ISO 374-1 Type B (KPT) Chemical Splash protection
- > EN 374-4 Resistance to degradation by chemicals
- > EN ISO 374-5 Micro-organism and VIRUS Protection

Quality Standards

- > Manufactured in accordance with Quality System ISO 9001 and ISO 13485
- > Certificate of Analysis (CoA) available online for each production lot at www.kimtech.eu

Packaging configuration

- > 1,000 gloves per case = 100 gloves per double polybag; x10 polybags per case liner
- > Packaged in ISO class 5 Cleanroom

Product Specifications

| Characteristics | Value | | | | Test method | |
|-------------------------|-------------------------------|-------------|----|------------------------|-------------------------|------------------------|
| Freedom from holes | AQL 1.5 ² | | | | | EN 374-2 ASTM D5151 |
| Tensile properties | Tensile strength | | | Ultimate elongation | | |
| Before aging | 24 MPa, nominal 600%, nominal | | | minal | ASTM D412 ASTM D3578 | |
| After accelerated aging | 20 MPa, nominal 600%, nominal | | | ASTM D578 ASTM D573 | | |
| Dimension | Nominal thickness/width | | | | | |
| Thickness (mm) | Middle finger | Palm Palm | | | | |
| | 0.16 0.13 0.10 | | | EN 21420 | | |
| Palm width (mm) | XS | S | М | L | XL | ASTM D3578 |
| Palm widin (mm) | 74 | 84 | 96 | 111 | 123 | |
| Particles (Maximum) | | | | | | |
| Per cm² ≽ 0.5 µm | <950 | | | | | IEST-RP-CC005 |





Visit us at www.kimtech.eu or for any questions, email: kimtech.support@kcc.com

Nitrile is a synthetic material exhibiting many of the properties of natural rubber latex while offering other distinct advantages: comfortable fit, resistance to puncturing and abrasion without compromising dexterity. ²AQL as defined per ISO 2859-1 for sampling by attributes.

