

KIMTECH™

Kimtech™ G3 White Nitrile Gloves



Deliver enhanced
contamination protection

Ideal for handling
delicate equipment

Textured fingertips
enhance grip and tactile
sensitivity

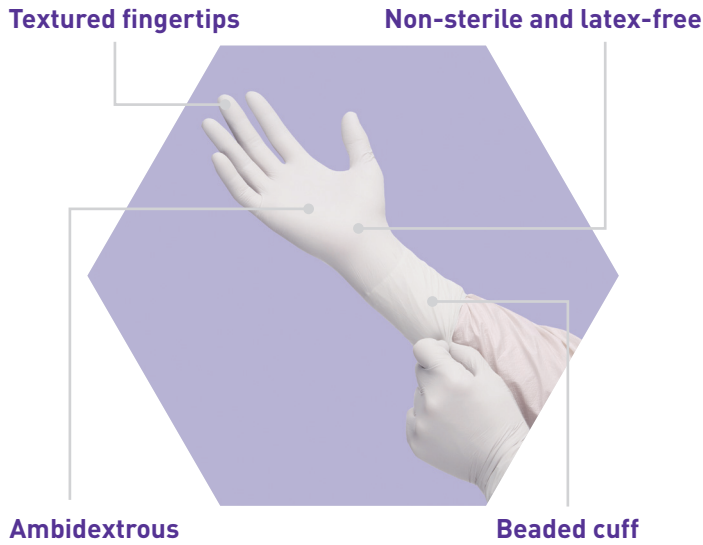
Kimtech™ G3 White Nitrile Gloves are ideal for handling delicate equipment in microelectronics, semiconductor, optics and non-sterile pharmaceutical applications; when the highest levels of sensitivity, protection and performance are required. The high quality nitrile gloves deliver seamless protection 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 safety 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 ultrapure deionised water to ensure consistent control of particles and extractables. The gloves are designated as PPE Cat III according to (EU) Regulation 2016/425 and are provided double-bagged in cleanroom-compatible polyethylene and case liner so as to be easily integrated into your processes.

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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 micro-organisms, 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
- › EN ISO 374-1:2016 Type C (K) Chemical Splash protection
- › EN 374-4:2014 Resistance to degradation by chemicals
- › EN ISO 374-5:2016 Micro Organism and VIRUS Protection




CE 0123

Quality Standards

- › Certificate of Analysis available online
- › Packaged to meet ISO Class 3 Cleanroom standard
- › Manufactured in accordance with Quality System ISO 9001

Size Guide

SIZE	CODE	LENGTH	QUANTITY 10x per case
XS	HC61010	30.5cm	 100 gloves/ bag = 1,000 gloves
S	HC61011	30.5cm	
M	HC61012	30.5cm	
L	HC61013	30.5cm	
L+	HC69478	30.5cm	
XL	HC61014	30.5cm	

CLEANLINESS CHARACTERISTICS	LIMIT		TEST METHOD
Particles			
Per cm ² ≥ 0.5 micron	950		IENT-RP-CC005
Extractables	µg/g	µg/cm ²	IENT-RP-CC005
Sodium (Na ⁺)	10	0.07	
Ammonium (NH ₄ ⁺)	5	0.03	
Potassium (K ⁺)	5	0.03	
Magnesium (Mg ²⁺)	5	0.03	
Calcium (Ca ²⁺)	45	0.30	
Chloride (Cl ⁻)	35	0.23	
Nitrate (NO ₃ ⁻)	15	0.10	
Sulfate (SO ₄ ²⁻)	10	0.07	
Zinc (Zn ²⁺)	25	0.17	

Product Specifications

CHARACTERISTIC	VALUE						TEST METHOD
- Freedom from holes	AQL 1.5 ²						EN 374-2:2014 and ASTM D 5151
TENSILE PROPERTIES	TENSILE STRENGTH			ULTIMATE ELONGATION			ASTM D 412, ASTM D 573 and ASTM D 3578
- Before aging	24 MPa, nominal			600% nominal			
- After accelerated aging	20 MPa, nominal			600% nominal			
DIMENSION	NOMINAL THICKNESS/WIDTH						ASTM D 3767, ASTM D 6319 and EN 420:2003 + A1:2009
Thickness (mm)	Middle finger		Palm		Cuff		
	0.16		0.13		0.10		
Palm width (mm)	XS	S	M	L	L+	XL	ASTM D 3767, ASTM D 6319 and EN 420:2003 + A1:2009
	74	84	96	111	116	123	
PARTICLES (Maximum)							IENT-RP-CC005
Per cm ² > 0.5 micron	<950						

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