

# 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

# Kimtech™ G3 White Nitrile Gloves



## Key Features

- > Industry-leading disposable nitrile gloves offer high levels of protection, cleanliness and quality
- > Nitrile 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 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

## 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					EN 374-2 ASTM D5151
Tensile properties	Tensile strength		Ultimate elongation			ASTM D412 ASTM D3578 ASTM D573
Before aging	24 MPa, nominal		600%, nominal			
After accelerated aging	20 MPa, nominal		600%, nominal			
Dimension	Nominal thickness/width					EN 21420 ASTM D3578
Thickness (mm)	Middle finger	Palm			Cuff	
		0.16	0.13		0.10	
Palm width (mm)	XS	S	M	L	XL	
	74	84	96	111	123	
Particles (Maximum)						IEST-RP-CC005
Per cm <sup>2</sup> > 0.5 µm	<950					

## Cleanliness characteristics

Cleanliness characteristics	Limit		Test method
<b>Particles</b>			IEST-RP-CC005
Per cm <sup>2</sup> > 0,5µm	950		
<b>Extractables</b>	µg/g	µg/cm <sup>2</sup>	
Sodium (Na <sup>+</sup> )	10	0.07	
Ammonium (NH <sub>4</sub> <sup>+</sup> )	5	0.03	
Potassium (K <sup>+</sup> )	5	0.03	
Magnesium (Mg <sup>2+</sup> )	5	0.03	
Calcium (Ca <sup>2+</sup> )	45	0.30	
Chloride (Cl <sup>-</sup> )	35	0.23	
Nitrate (NO <sub>3</sub> <sup>-</sup> )	15	0.10	
Sulfate (SO <sub>4</sub> <sup>2-</sup> )	10	0.07	
Zinc (Zn <sup>2+</sup> )	25	0.17	

## Size Guide

Size	Code	Length	Quantity
XS	56880	30.5 cm	 100 gloves / bag = 1,000 gloves
S	56881		
M	56882		
L	56883		
XL	56886		



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