

# The Science of Protection

## KIMTECH SCIENCE\* GREEN NITRILE\* Gloves

**KIMTECH SCIENCE\* GREEN NITRILE\* Gloves offer the fit and feel of latex with the protection of a Category III PPE glove. As an alternative to latex, they could help you to reduce waste, space, costs and environmental impact.**

KIMTECH SCIENCE\* GREEN NITRILE\* Gloves are a new innovation that packs 40% more tensile strength<sup>2</sup> into a nitrile glove with a minimum thickness of only 0.06mm. This combination gives you a more durable, comfortable and tactile sensitive glove, while at the same time significantly reducing your waste.

All KIMBERLY-CLARK PROFESSIONAL\* Products are manufactured to exacting quality standards. Our rigorous process controls ensure every product performs above and beyond the required class or grade for your facility. We continually review our product lines through certification, validation, independent testing and, most importantly, customer satisfaction to ensure your most valuable assets – **your processes, your people and your reputation, are protected.**



EN374-2:2003



LEVEL 3

EN374-1:2003



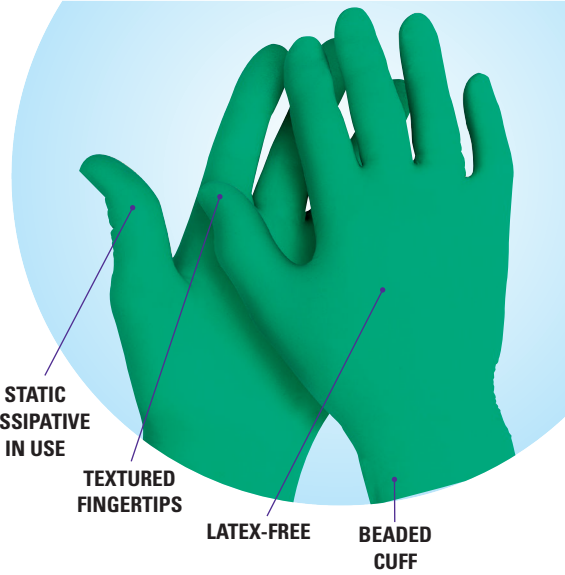
- Reduces waste and disposal costs by at least 60%<sup>1</sup>
- Reduced storage - 150% more gloves in the same sized box as conventional latex gloves <sup>1</sup>
- Beaded cuff, for added strength and ease in donning
- Excellent tactile sensitivity for easy handling of delicate instruments
- Textured fingertips
- Food contact approved
- Powder free minimising the effect of powder on the skin
- Contain no natural rubber latex reducing the potential for TYPE 1 glove-associated allergic reactions

<sup>1</sup> Versus KIMTECH SCIENCE\* PFE Latex gloves (same as standard packaging of 1,000 gloves per case found in the market)

<sup>2</sup> Compared with KIMTECH SCIENCE\* Blue Nitrile gloves

**CE 0120**





## KIMTECH SCIENCE\* GREEN NITRILE\* Gloves

### Product Specifications

- This is a PPE Category III product classified by EC Council Directive 89/686/EEC. Tested in accordance with the EN Norms EN420:2003
- Protection: EN374-1 Chemical Splash and EN374-2 Microbiological Hazards
- In compliance with medical device standards EN455-1,-2,-3,-4
- Virus protection according to ISO 16604 procedure B:2004
- Antistatic Tested and passes EN1149-5:2003
- Synthetic nitrile<sup>1</sup> polymer (Acrylonitrile Butadiene), contains no natural rubber latex, powder free



### Quality Standards

- Meets or exceeds AQL 0.65 G1 Inspection for pinholes
- Manufactured in accordance with ISO 9001 and ISO 13485
- Manufactured in compliance with FDA CFR 21 part 820

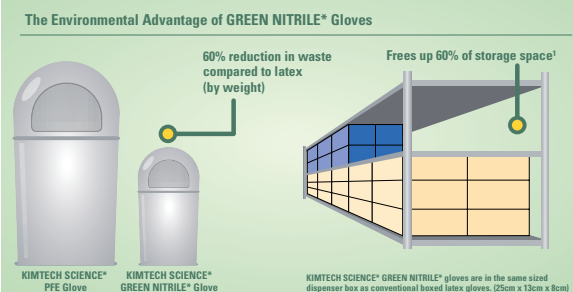
### PHYSICAL PROPERTIES (Target values)

Characteristics	Value	Test Method
Freedom from holes	AQL 0,65 <sup>2</sup>	EN374-2
<sup>2</sup> AQL as defined per ISO 2859-1 for sampling by attributes		
<b>Tensile Properties</b>	<b>Tensile Strength</b>	<b>Ultimate Elongation</b>
- Before Aging	30 MPa, nominal	600% nominal
- After Accelerated Aging	30 MPa, nominal	550% nominal
<b>Dimensional</b>	<b>Measured Point</b>	<b>mm</b>
- Minimum Thickness	Middle Finger	0.09
	Palm	0.06
	Cuff	0.04
<b>Palm Widths</b>		
- Nominal Width (mm)	X-Small	Small
	70	80
	Medium	Large
	95	110
	X-Large	120
		EN 420 and D 6319

### KIMTECH SCIENCE\* GREEN NITRILE\* Gloves

Size	Code	Length	
			6x 
XS	9985000	24cm	250x  = 1500
S	9985100	24cm	
M	9985200	24cm	
L	9985300	25cm	
XL	9985400	25cm	225x = 1350

The Environmental Advantage of GREEN NITRILE\* Gloves



60% reduction in waste compared to latex (by weight)

Frees up 60% of storage space<sup>1</sup>

KIMTECH SCIENCE\* PPE Glove    KIMTECH SCIENCE\* GREEN NITRILE\* Glove    KIMTECH SCIENCE\* GREEN NITRILE\* gloves are in the same sized dispenser box as conventional boxed latex gloves. (25cm x 13cm x 8cm)

Please visit [www.contaminomics.com](http://www.contaminomics.com) to measure the reduction in waste, space, cost and environmental impact that could be achieved by using KIMTECH SCIENCE\* GREEN NITRILE\* Gloves.

Reduce Today, Respect Tomorrow\* is the KIMBERLY-CLARK PROFESSIONAL\* approach to sustainability. It begins with the understanding that the way we use resources today shapes the world of tomorrow. And it has led us to focus on reducing consumption at every stage of the product lifecycle - from design and manufacture to distribution and disposal. Reduction is the key to lowering the environmental impact of our activities as well as those of customers. To learn more, visit [www.kcpreducesustainability.com/uk](http://www.kcpreducesustainability.com/uk)



### INFORMATION SERVICE

For technical enquiries please email [infobox@kcc.com](mailto:infobox@kcc.com)  
For sales enquiries please email [kimtech.support@kcc.com](mailto:kimtech.support@kcc.com)

[www.contaminomics.com](http://www.contaminomics.com)

Contaminomics 

<sup>1</sup>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 or electrostatic dissipative properties.