

# Vital Hand Protection and Comfort

## KIMTECH SCIENCE\* STERLING\* Nitrile Gloves

**KIMTECH SCIENCE\* STERLING\* Nitrile gloves provide the vital hand protection and comfort needed in the laboratory and safety environment.**

- Contain no natural rubber latex reducing the potential for TYPE 1 glove-associated allergic reactions
- Powder free minimising the effect of powder on the skin
- Excellent tactile sensitivity for easy handling of delicate instruments
- Beaded cuff, for added strength and ease in donning
- Textured fingertip
- Ambidextrous
- Reduced storage - up to 50% more gloves in a box than conventional boxed gloves
- Food contact approved
- Virus protection
- Static dissipative in use
- Certificate of Analysis available online

KIMTECH SCIENCE\* STERLING\* Nitrile is a new platform in nitrile glove technology. Our new way of utilizing synthetic nitrile polymer allows to produce a glove with a tip thickness of only 0.09mm but with excellent tensile strength. This reduced glove weight can significantly minimize your waste. The patented physical properties of the glove offer the fit and feel of latex while providing the chemical and mechanical protection of nitrile. It is suitable for use in a wide variety of applications.

Kimberly-Clark\* has long been recognized for the development of technologically advanced products that meet the quality needs of laboratories worldwide. To help you protect your people from exposure and your laboratory from contamination, Kimberly-Clark\* provides a complete line of gloves, masks, apparel and wipers.



EN374-2:2003



LEVEL 2

EN374-1:2003



0120



## KIMTECH SCIENCE\* STERLING\* Nitrile Gloves

### Product Specifications

- Synthetic nitrile<sup>1</sup> polymer (Acrylonitrile Butadiene)
- Contains no natural rubber latex.

### Quality Standards

- This is a PPE Category III product classified by EC Council Directive 89/686/EEC. It is tested in accordance with the EN Norms EN 420:2003
- Meets or exceeds AQL level of 1.5 for pinholes
- Manufactured in accordance with Quality System ISO 9001
- Virus protection according to ISO 16604
- Food contact approved to BfR XXI recommendation

STATIC DISSIPATIVE  
IN USE

TEXTURED  
FINGERTIPS

LATEX-FREE

BEADED  
CUFF



EXCELLENT TACTILE  
SENSITIVITY

<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.

### PHYSICAL PROPERTIES (Target values)

Characteristics	Value					Test Method
Freedom from holes	1.5AQL <sup>1</sup>					ASTM D 5151 and EN 374-2
<small><sup>1</sup> AQL as defined per ISO 2859-1 for sampling by attributes</small>						
<b>Tensile Properties</b>	<b>Tensile Strength</b>		<b>Ultimate Elongation</b>			
- Before Aging	42 MPa, nominal		650% nominal			ASTM D 412 and ASTM D 573
- After Accelerated Aging	38 MPa, nominal		550% nominal			
<b>Dimensional</b>	<b>Measured Point</b>		<b>mm</b>			
- Nominal Thickness	Middle Finger	0.09				ASTM D 3767 and D 6319
	Palm	0.08				
	Cuff	0.07				
<b>Palm Widths</b>						
- Nominal Width (mm)	X-Small	Small	Medium	Large	X-Large	ASTM D 3767 and D 6319
	70	80	95	111	115	

### KIMTECH SCIENCE\* STERLING\* Nitrile Gloves

Size	Code	Length	
			10x 
XS	99210	24 cm	150x  = 1500
S	99211	24 cm	
M	99212	24 cm	
L	99213	25 cm	
XL	99214	25 cm	140x = 1400

#### INFORMATION SERVICE

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

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