

## Vital Hand Protection and Comfort

### KIMTECH SCIENCE\* STERLING\* NITRILE-XTRA\* Gloves

**KIMTECH SCIENCE\* STERLING\* NITRILE-XTRA\* 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
- Static dissipative in use
- Certificate of Analysis available on request

KIMTECH SCIENCE\* STERLING\* NITRILE-XTRA\* is a new platform in nitrile glove technology. Our new way of utilising synthetic nitrile polymer allows to produce a glove with a tip thickness of only 0.10mm but with excellent tensile strength. This reduced glove weight can significantly minimise 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 recognised 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.



**CE 0120**



## KIMTECH SCIENCE\* STERLING\* NITRILE-XTRA\* 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
- Silicone 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>					ASTM D 5151 and EN 374-1
<small><sup>2</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,		650%			ASTM D 412 and ASTM D 573
- After Accelerated Aging	38 MPa,		550%			
<b>Dimensional</b>	<b>Measured Point</b>		<b>mm</b>			
- Nominal Thickness	Middle Finger	0.10				ASTM D 3767 and D 6319
	Palm	0.08				
	Cuff	0.07				
<b>Palm Widths</b>						
- Width (mm)	X-Small 74	Small 84	Medium 96	Large 111	X-Large 123	ASTM D 3767 and D 6319

### KIMTECH SCIENCE\* STERLING\* NITRILE-XTRA\* Gloves

Size	Code	Length	
			10x 
XS	98341	30cm	100x  = 1000
S	98342	30cm	
M	98343	30cm	
L	98344	30cm	
XL	98345	30cm	90x = 900

<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.

#### 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)

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