



Powder Free Extra Length Ambidextrous Non-Sterile 26 cm Nitrile Gloves with Textured Fingertips

PPE Category III (Complex Design) according to Council Directive 89/686/EEC

Fully compliant to the latest PPE norms - EN374: 2003 "Protective gloves against chemicals and micro-organisms"

### PRODUCT INFORMATION

Size	Catalogue Numbers	Applicable Norms with Pictograms		
Extra Small (XS/6)	67 6231	<b>EN374: 2003</b> 	<b>EN374: 2003</b>  <b>Level 3</b>	
Small (S/7)	67 6232			
Medium (M/8)	67 6233			
Large (L/9)	67 6234	<b>EN420: 2003 + A1:2009</b>		
Extra Large (XL/10)	67 6235	<small>Also meets or exceeds EN455-1: 2000, EN455-2: 2009+A1:2011, EN455-3:2006 &amp; EN455-4:2009 relating to Council Directive 93/42/EEC for Medical Devices</small>		

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**Material:** Proprietary multi-polymer formulation (Acrylonitrile Butadiene with blend of polychloroprene), based on Twinshield™ technology. Contains no natural rubber latex.

**Design:** Double barrier protection afforded by orange outer layer combined with white inner-lining. Ambidextrous, beaded cuff and with textured fingertips.

**Packaging:** Ninety (90) gloves per dispenser. Dispenser is varnished for enhanced compatibility with laboratory environments. Gloves are flat-packed. Ten (10) dispensers per case. Packed in a reinforced single-walled shipping case.

### PHYSICAL PROPERTIES

Characteristics	Value	Test Method
Freedom from holes	<0.65 AQL <sup>1</sup>	EN374: 2003

<sup>1</sup> AQL as defined per ISO 2859 for sampling by attributes

Tensile Properties	Tensile Strength (min) Typical		Ultimate Elongation	
- Before Aging	6.0N, min.	7.0N	500%, min.	EN455-2: 2009 + A1:2011, ASTM D573-04 and ASTM D412-06ae2
- After Accelerated Aging	6.0N, min.	8.0N	400%, min.	

Dimensional	Measured Point	Mm	mil	
- Nominal Thickness	Middle Finger	0.17	6.6	ASTM D3767-03
	Palm	0.14	5.5	
	Cuff	0.10	4.0	
- Length	260mm, min.		265mm, typical	EN420: 2003 + A1: 2009

## Palm Widths

- Nominal Width (mm)	XS/6	S/7	M/8	L/9	XL/10	EN455-2: 2009 + A1: 2011
	≤80	85	95	105	≥110	

## Hand Circumference

- Nominal circumference (mm)	XS/6	S/7	M/8	L/9	XL/10	EN420: 2003 +A1:2009
	152	178	203	229	254	

## ADDITIONAL DATA

- **Biocompatibility** demonstrated by Buehler and Primary Skin Irritation Tests.
- **Non-detectable levels of chemical allergens** using aqueous solution extraction (Phosphate buffered solution) and High Performance Liquid Chromatography (HPLC) assay method for quantitative analysis.
- **Accelerator-free** to minimize the risk of Allergic Contact Dermatitis (also known as Type IV, Delayed Hypersensitivity or Chemical Allergy).
- **Powder free** to minimize the potential consequences of powder-borne dermatitis. Residual powder content is 1.0 mg/glove (typical) with a limit of 2.0 mg/glove (ISO 21171: 2006 “Medical gloves - Determination of removable surface powder”).
- **Micro - organism and virus resistant** - passes highest level of micro - organism resistance per EN374-2: 2003 (Performance level 3, AQL <0.65 and inspection level G1 according to 1000ml water test) and passes viral penetration test using Phi-X174 bacteriophage (ISO16604: 2004 Procedure B & ASTM F1671-97b).
- **Tested for electrostatic properties** according to EN1149-1/2/3 & 5
- **Extensively tested for chemical permeation** according to EN374-3: 2003 (please refer to chemical resistance guide on website - [www.shieldscientific.com/public/chemical-resistance-guide](http://www.shieldscientific.com/public/chemical-resistance-guide))

## QUALITY SYSTEMS

- Manufactured in accordance with ISO 9001:2008 and ISO 13485:2003.

“SHIELDskin™, A revolution in Glove Technology”



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