



Powder Free Extra Length Ambidextrous Non-Sterile 30 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 6251	EN374-1 :2003 	EN374-2 :2003 Level 3	0321*
Small (S/7)	67 6252			
Medium (M/8)	67 6253			
Large (L/9)	67 6254	EN420: 2003		
Extra Large (XL/10)	67 6255	Also meets or exceeds EN455-1: 2000, EN455-2: 2009, EN455-3:2006 & EN455-4:2009 relating to Council Directive 93/42/EEC for Medical Devices		

*SATRA Technology Centre (Notified body No: 0321), SATRA House, Rockingham Road, Kettering, Northamptonshire, NN16 9JH, United Kingdom

Material: Synthetic soft nitrile polymer (Acrylonitrile Butadiene), based on unique Skin Nitrile™ technology. Contains no natural rubber latex.

Design: Orange, ambidextrous, beaded cuff and with textured fingertips.

Packaging: Fifty (50) gloves per dispenser. Dispenser is varnished for enhanced compatibility with laboratory environments. Gloves are flat-packed. Ten (10) dispensers per case. Packed in a double-walled shipping case.

PHYSICAL PROPERTIES

Characteristics	Value	Test Method
Freedom from holes	<0.65 AQL ¹	EN374-2: 2003

¹AQL 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, ASTM D573-04 and ASTM D 412-06a
- After Accelerated Aging	6.0N, min.	8.0N	400%, min.	

Dimensional	Measured Point	Mm	mil	
- Nominal Thickness	Middle Finger	0.15	6.0	ASTM D 3767-03
	Palm	0.13	5.0	
	Cuff	0.10	4.0	
- Length	300mm, min.		305mm, typical	EN420: 2003

Palm Widths

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

Hand Circumference

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

ADDITIONAL DATA

- **Biocompatibility** demonstrated by 200 person Modified Draize, 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.
- **Free of Thiazoles and Thiurams** - these chemical accelerators are excluded from the manufacturing process
- **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 "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-X 174 bacteriophage (ASTM F1671-97b).
- **Food contact approved** according to BfR XXI (Recommendations of the German Federal Institute for Risk Assessment on Plastics intended to come into contact with Food)

QUALITY SYSTEMS

- Manufactured in accordance with ISO 9001:2000 and ISO 13485:2003.

“SHIELDskin™, A revolution in Glove Technology”



www.shieldscientific.com

SHIELDskin™, ORANGE NITRILE™ and the COLOUR ORANGE are trademarks of SHIELD Scientific.

© 2007 Copyright SHIELD Scientific B.V. - All Rights reserved

Galvanistraat 1 • 6716 AE EDE • The Netherlands - Phone +31 (0)318 754 141 • Fax +31 (0)318 503 742 • E-mail: Info@shieldscientific.com