



Powder Free Extra Length Ambidextrous Non-Sterile 30 cm Nitrile Gloves

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		
Small (S/7)	67 6252				
Medium (M/8)	67 6253		Level 3		
Large (L/9)	67 6254	EN420: 2003			
Extra Large (XL/10)	67 6255	Also meets or exceeds EN455-1, 2 & 3:2000 relating to Council Directive 93/42/EEC for Medical Devices			

- Material:** Synthetic soft nitrile polymer (Acrylonitrile Butadiene), based on unique "skin nitrile" technology. Contains no natural rubber latex.
- Design:** Orange, ambidextrous, beaded cuff, with textured finger tips
- Packaging:** Fifty (50) gloves per dispenser. Dispenser is varnished for enhanced compatibility with laboratory environments. Gloves are flat-packed with. 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

¹ AQL as defined per ISO 2859 for sampling by attributes

Tensile Properties	Tensile Strength(min)Typical		Ultimate Elongation	
- Before Aging	>3.6N, min.	>3.6N	500%, min.	EN455-2:2000 and ASTM D 412
- After Accelerated Aging	>3.6N, min.	>3.6N	400%, min.	

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

Palm Widths

- Nominal Width (mm) (+/- 5 mm)	X-S/6	S/7	M/8	L/9	X-L/10	EN455-2:2000
	75	85	95	105	115	

Hand Circumference

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

ADDITIONAL DATA

- Low Dermatitis Potential as demonstrated by 200 Person Modified Draize skin sensitization test (EN ISO 10993-10)
- Non detectable levels of chemical allergens using aqueous solution extraction (PBS) and High Performance Liquid Chromatography (HPLC) assay method for qualitative analysis
- Mercaptobenzothiazole (MBT) and Thiuram (TMTD) free - these chemical accelerators are excluded from the manufacturing process
- Powder free - complies with EN ISO 21171:2006 minimizing the potential consequences of powder-borne dermatitis
- 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)

QUALITY SYSTEMS

- Manufactured in accordance with ISO 9001:2000 and ISO 13485:2003
- Biocompatibility tested as measured by the Primary Skin Irritation Test

* TÜV Sued Product Safety GmbH (Notified Body No: 0123)

* For further details on the chemical permeation properties of SHIELD Scientific Extra length gloves, please contact us

“SHIELDskin™, A revolution in Glove Technology”



Galvanistraat 1 • 6716 AE Ede • The Netherlands - Phone +31 318 754141 • Fax +31 318 503742 • Info@shieldscientific.com

www.shieldscientific.com