



SHIELDskin CHEM™

NEO NITRILE™ 300

Powder Free Extra Length Ambidextrous Non-Sterile 30 cm multi-polymer 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)	66 9251				
Small (S/7)	66 9252				
Medium (M/8)	66 9253				
Large (L/9)	66 9254	EN420:2003 + A1:2009			
Extra Large (XL/10)	66 9255	Also meets or exceeds EN455-1:2000, EN455-2:2009 + A1:2011, EN455-3:2006 & EN455-4:2009 relating to Council Directive 93/42/EEC for Medical Devices			
Extra Extra Large (XXL/11)	66 9256				

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Material: Proprietary multi-polymer formulation (Acrylonitrile Butadiene (Nitrile) and Polychloroprene (Neoprene), based on Twinshield™ Technology. Contains no natural rubber latex.

Design: Red outer layer bonded with white inner coating. Ambidextrous, beaded cuff and with textured fingertips.

Packaging: Forty (40) 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 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.	9.0N	500%, min.	EN455-2:2009 + A1:2011
- After Accelerated Aging	6.0N, min.	9.0N	400%, min.	ASTM D573-04 and ASTM D 412-06ae2

PHYSICAL PROPERTIES (Cont'd)

Characteristics	Value			Test Method
Dimensional	Measured Point	Mm	Mil	
- Nominal Thickness	Middle Finger	0.35	13.8	ASTM D 3767-03
	Palm	0.25	10.0	EN420:2003 + A1:2009
- Length	Cuff	0.18	7.1	
	290mm, min.		300mm, typical	

Palm Widths

- Nominal Width (mm)	XS/6	S/7	M/8	L/9	XL/10	XXL/11	EN455-2:2009 + A1:2011
	≤80	85	95	105	110	115	

Hand Circumference

- Nominal circumference (mm)	XS/6	S/7	M/8	L/9	XL/10	XXL/11	EN420:2003 + A1:2009
	152	178	203	229	254	279	

ADDITIONAL DATA

- **Biocompatibility** demonstrated by Buehler and Primary Skin Irritation Tests.
- **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).
- **High level of chemical resistance** demonstrated by extensive testing according to EN374-3:2003

QUALITY SYSTEMS

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

“SHIELDskin CHEM™, “A Revolution in Glove Technology”



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