



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 – EN 374:2003 “Protective gloves against chemicals and micro-organisms”

PRODUCT INFORMATION

Size	Catalogue Numbers	Applicable Norms with Pictograms						
Extra Small (XS/6)	66 9251	EN 374:2003  AJKL	EN 374:2003  Level 3	EN388:2003  3000	 0120*			
Small (S/7)	66 9252							
Medium (M/8)	66 9253							
Large (L/9)	66 9254	EN 420:2003 + A1:2009						
Extra Large (XL/10)	66 9255	Also meets or exceeds EN 455-1:2000, EN 455-2:2015, EN 455-3:2015 & EN 455-4:2009 relating to Council Directive 93/42/EEC for Medical Devices						
Extra Extra Large (XXL/11)	66 9256							

* SGS UK Ltd (Notified Body No: 0120), Unit 202B Worle Parkway, Weston-super-Mare, BS22 6WA, United Kingdom

- Material:** Proprietary multi-polymer formulation combining Polychloroprene (Neoprene) plus Acrylonitrile Butadiene (Nitrile) and 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	EN 374:2003

¹ AQL 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.	EN 455-2:2015, ASTM D573-04(2015) and ASTM D412-15a
- After Accelerated Aging	6.0N, min.	9.0N	400%, min.	

PHYSICAL PROPERTIES (Cont'd)

Characteristics	Value			Test Method
Dimensional	Measured Point	Mm	Mil	
- Nominal Thickness	Middle Finger	0.35	13.8	ASTM D3767-03(2014)
	Palm	0.25	10.0	EN 420:2003 + A1:2009
	Cuff	0.18	7.1	
- Length	290mm, min.		300mm, typical	

Palm Widths

- Nominal Width (mm)	XS/6	S/7	M/8	L/9	XL/10	XXL/11	EN 455-2:2015
	≤80	85	95	105	110	115	

Hand Circumference

- Nominal circumference (mm)	XS/6	S/7	M/8	L/9	XL/10	XXL/11	EN 420:2003 + A1:2009
	152	178	203	229	254	279	

ADDITIONAL DATA

- **Biocompatibility** demonstrated by Buehler and Primary Skin Irritation Tests.
- **Free of Thiurams** - this chemical accelerator is 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 21171:2006 “Medical gloves - Determination of removable surface powder”).
- **Micro - organism and virus resistant** - passes highest level of micro - organism resistance per EN 374-2:2014 (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 (ISO16604: 2004 Procedure B & ASTM F1671-97b).
- **High level of chemical resistance** demonstrated by extensive testing according to EN 16523-1:2015.

QUALITY SYSTEMS

- Manufactured in accordance with ISO 9001:2015 and ISO 13485:2016.

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



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