

SMARTLine™

Powder-free Nitrile Gloves, blue 240



- ⇒ Powder-free ambidextrous short length (240 mm / 9.4") non-sterile nitrile gloves.
- ⇒ Medical Device Class 1 (MDR) according to the Regulation (EU) 2017/745.
- ⇒ Personal Protective Equipment Category III (PPE - Complex Design) according to the Regulation (EU) 2016/425.

SIZES	6/XS	7/S	8/M	9/L	10/XL
CODES	10 621	10 622	10 623	10 624	10 625

DESCRIPTION	
FORMULATION	Nitrile synthetic rubber (acrylonitrile butadiene).
DESIGN	Blue, ambidextrous, beaded cuff, finger textured.
PACKAGING	100 gloves per dispenser - 10 dispensers per case.

NOMINAL THICKNESS	mm	mil	Norm
⇒ Finger	0.11	4.3	ASTM D3767-03 (2014)
⇒ Palm	0.07	2.8	
⇒ Cuff	0.05	2.0	

LENGTH	Minimum	Typical	Norm
⇒ From middle finger tip to edge of cuff	≥ 240 mm / 9.4"	245 mm / 9.6"	EN 420:2003+A1:2009 EN 455-2:2015

STRENGTH PROPERTIES	Force at break (spec.)		Ultimate elongation (spec.)	Force at break (typical)	Norm
⇒ Before aging	≥ 6.0N	14 Mpa	≥ 500%	8.0N	EN 455-2:2015 ASTM D573-04 (2015) & ASTM D412-16
⇒ After aging	≥ 6.0N	14 Mpa	≥ 400%	7.0N	

FREEDOM FROM HOLES	Performance	Norm
⇒ Acceptable Quality Level (AQL)	< 1.5 ¹ - Level 2	EN 455-1:2020 & ISO 374-2:2019

¹ AQL as defined per ISO 2859-1:1999 for sampling by attributes.

RISKS	Description	Norm
Micro-organisms	1000 ml water test. Performance level 2, AQL < 1.5 (inspection level G1).	ISO 374-2:2019
Viruses	Viral penetration test using Phi-X174 bacteriophage according to ISO 16604:2004 Procedure B.	ISO 374-5:2016
Chemicals	<u>Performance</u> : Type C (K). <u>Degradation</u> : Tested for determination of resistance to degradation by chemicals.	ISO 374-1:2016+A1:2018 EN 16523-1:2015+A1:2018 ISO 374-4:2019



Dr. Willem Dreeslaan 1 • 6721 ND Bennekom • The Netherlands
Phone +31 (0)317 700 202 • Fax +31 (0)318 503 742
www.shieldscientific.com • E-mail: info@shieldscientific.com
www.shieldscientific.com