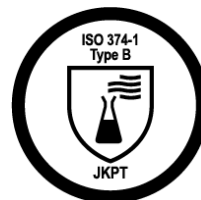
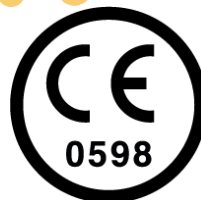
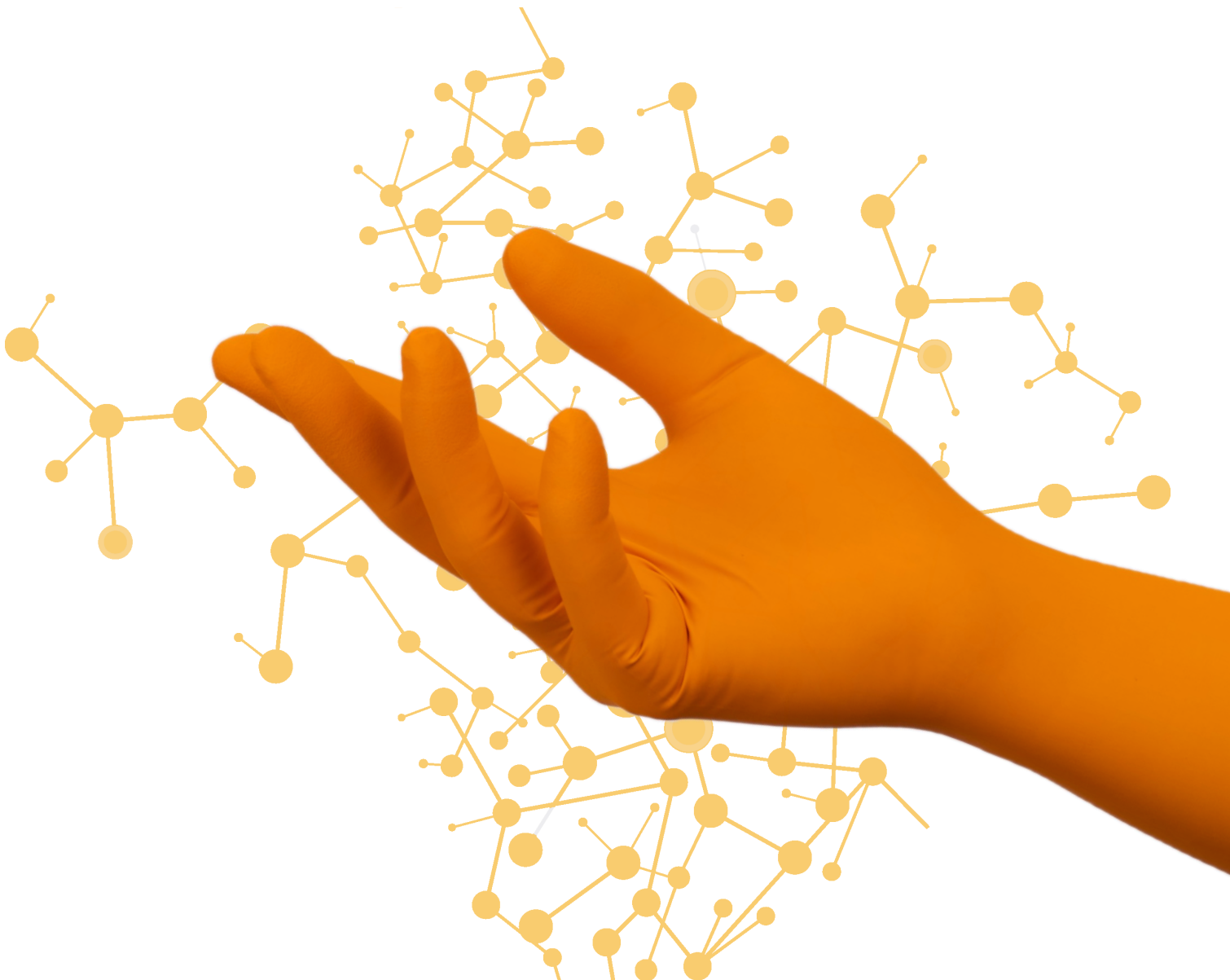


SHIELDskin™

ORANGE NITRILE™ 260





- ⇒ Powder-free ambidextrous extra length (260 mm / 10.2") non-sterile nitrile/neoprene protective gloves.
- ⇒ Personal Protective Equipment Category III (PPE - Complex Design) according to Regulation (EU) 2016/425.
- ⇒ Medical Device Class 1 (MDR) according to the Regulation (EU) 2017/745.
- ⇒ Fully compliant to the latest EU PPE norms relating to protective gloves against chemicals, micro-organisms and viruses.

| DESCRIPTION | |
|-------------|---|
| Formulation | Nitrile and neoprene synthetic rubber (<i>acrylonitrile butadiene and polychloroprene</i>). |
| Design | Orange, ambidextrous, beaded cuff, textured fingertips. |
| Packaging | 90 gloves per dispenser - 10 dispensers per carton. |

| SIZES | 6/XS | 7/S | 8/M | 9/L | 10/XL |
|-------|---------|---------|---------|---------|---------|
| Codes | 67 6231 | 67 6232 | 67 6233 | 67 6234 | 67 6235 |

| STANDARDS | |
|-----------------|--|
| CE registration | PPE Category III (Complex Design) - Regulation (EU) 2016/425. Notified Body No 0598: SGS Fimko Oy, Helsinki - FINLAND. MDR Class 1 - Regulation (EU) 2017/745. |
| EU PPE norms | ISO 21420:2020, EN 421:2010, ISO 374-1:2016+A1:2018, ISO 374-2:2019, ISO 374-4:2019, ISO 374-5:2016, EN 16523-1:2015+A1:2018 and ISO 16604:2004 Procedure B. |
| EU MDR norms | EN 455-1:2000, EN 455-2:2015, EN 455-3:2015 and EN 455-4:2009. |
| USA standards | ASTM D3767-03 (2020), ASTM D573-04 (2019), ASTM D412-16, ASTM D6978-05 (2019). |
| Other standards | EN1149-1/2/3 & 5, ISO 21171:2006, ISO 10993-10:2010. |

| QUALITY | |
|-------------------|---|
| Quality assurance | Production management in accordance with ISO 9001:2015 and ISO 13485:2016. |
| Technology | twinSHIELD™ double-walled protection to offer a stronger glove and to reduce risk of pinholes. Two colours: orange to make it easier to select according to the risk, combined with a soft and comfortable white interior. |

| DOCUMENTATION | |
|---------------------------------|---|
| Declaration of conformity | These documents can be freely downloaded from the product page on our website: www.shieldscientific.com . |
| EU type examination certificate | For easy access, scan the QR code. |
| User's instructions | |



PHYSICAL PROPERTIES



| NOMINAL THICKNESS | mm ¹ | mil | Norm |
|-------------------|-----------------|-----|----------------------|
| ⇒ Finger | 0.17 | 6.7 | ASTM D3767-03 (2020) |
| ⇒ Palm | 0.14 | 5.5 | |
| ⇒ Cuff | 0.10 | 3.9 | |

¹ Thickness (+/- 0.03 mm)

| LENGTH | Minimum | Typical | Norm |
|--|------------------|----------------|----------------|
| ⇒ From middle finger tip to edge of cuff | ≥ 260 mm / 10.2" | 265 mm / 10.4" | ISO 21420:2020 |

| STRENGTH PROPERTIES | Force at break (spec.) | | Ultimate elongation (spec.) | Force at break (typical) | Norm |
|---------------------|------------------------|--------|-----------------------------|--------------------------|--|
| | ⇒ Before aging | ≥ 6.0N | 14 MPa | ≥ 500% | |
| ⇒ After aging | ≥ 6.0N | 14 MPa | ≥ 400% | 8.0N | EN 455-2:2015 ASTM D573-04 (2019) & ASTM D412-16 |

| FREEDOM FROM HOLES | Performance | Norm |
|----------------------------------|-------------------------------|---------------------------------|
| ⇒ Acceptable Quality Level (AQL) | < 0.25 ² - Level 3 | ISO 374-2:2019 EN 455-1:2000 |

² AQL as defined per ISO 2859-1:1999 for sampling by attributes.

PROTECTION PROPERTIES

| RISKS | Description | Norm |
|-----------------|---|---|
| Micro-organisms | 1000 ml water test. Performance level 3, AQL < 0.25 (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 B (JKPT). <u>Permeation</u> : Extensively tested. Online chemical resistance guide on www.shieldscientific.com . <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 |
| Radioactivity | Protection from radioactive contamination. | EN 421:2010 |
| Cytotoxic | Tested for permeation to potentially hazardous cancer chemotherapy drugs under conditions of continuous contact. | ASTM D6978-05 (2019) |
| ESD | Tested for electrostatic properties. | EN 1149-1/2/3 & 5 |

| ALLERGIES | |
|--------------------|---|
| Bio-compatibility | Demonstrated by skin irritation and sensitization tests in accordance with ISO 10993-10:2010. |
| Accelerators | Accelerator-free to minimize the risk of allergic contact dermatitis (also known as Type IV, delayed hypersensitivity or chemical allergy). |
| Chemical allergens | Non-detectable levels using aqueous solution extraction (Phosphate buffered solution) and High Performance Liquid Chromatography (HPLC) assay method for quantitative analysis. |
| Residual powder | 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). |
| Latex protein | Latex-free. |