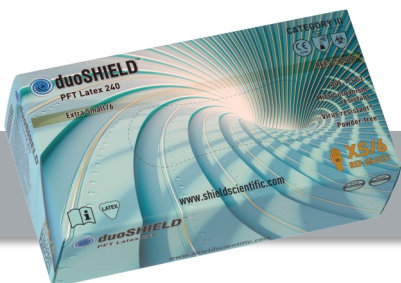


duoSHIELD™

LPS Latex 240





Dual
risk

- ⇒ Lightly powdered ambidextrous standard length (240 mm / 9.4") non-sterile natural rubber latex exam 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 | Natural rubber latex (<i>Hevea brasiliensis</i>). |
| Design | Natural colour, ambidextrous, beaded cuff, smooth finish. |
| Packaging | 100 gloves per dispenser - 10 dispensers per carton. |

| SIZES | 6/XS | 7/S | 8/M | 9/L | 10/XL |
|-------|---------|---------|---------|---------|---------|
| Codes | 65 1121 | 65 1122 | 65 1123 | 65 1124 | 65 1125 |

| 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 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 455-1:2020, 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 D5712-15. |
| Other standards | ISO 21171:2006, ISO 10993-10:2010. |

| QUALITY | |
|-------------------|---|
| Quality assurance | Production management in accordance with ISO 9001:2015 and ISO 13485:2016. Environmental management systems in accordance with ISO 14001:2015. |
| Technology | uniSHIELD™ single-walled protection to offer an ideal compromise between comfort and protection. |

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



PHYSICAL PROPERTIES



| NOMINAL THICKNESS | mm ¹ | mil | Norm |
|-------------------|-----------------|-----|----------------------|
| ⇒ Finger | 0.13 | 5.1 | ASTM D3767-03 (2020) |
| ⇒ Palm | 0.11 | 4.3 | |
| ⇒ Cuff | 0.08 | 3.1 | |

¹ Thickness (+/- 0.03 mm)

| LENGTH | Minimum | Typical | Norm |
|--|-----------------|---------------|---------------------------------|
| ⇒ From middle finger tip to edge of cuff | ≥ 240 mm / 9.4" | 242 mm / 9.5" | ISO 21420:2020 EN 455-2:2015 |

| STRENGTH PROPERTIES | Force at break (spec.) | | Ultimate elongation (spec.) | Force at break (typical) | Norm |
|---------------------|------------------------|--------|-----------------------------|--------------------------|--|
| ⇒ Before aging | ≥ 9.0N | 18 MPa | ≥ 700% | 9.0N | EN 455-2:2015 ASTM D573-04 (2019) & ASTM D412-16 |
| ⇒ After aging | ≥ 6.0N | 14 MPa | ≥ 500% | 6.0N | |

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

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 2, AQL < 1.5 (inspection level G1). | EN 455-1:2020 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 (KPT). <u>Permeation</u> : 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 |
| Fit for special purpose | Size and length: Sizes 10 (XL) and 9 (L) gloves are shorter in length than that required by ISO 21420:2020. These gloves are intended for use in light-duty manufacturing and industrial applications where the demand for the advantages of a shorter glove outweighs the need for additional length. | ISO 21420:2020 |

| ALLERGIES | |
|-------------------|---|
| Bio-compatibility | Demonstrated by skin irritation and sensitization tests in accordance with ISO 10993-10:2010. |
| Accelerators | Free of Thiurams. These chemical accelerators are excluded from the manufacturing process. |
| Residual powder | Lightly powdered. Complies with ISO 21171:2006, with powder content not exceeding 10 mg/glove. |
| Latex protein | Contains 200 µg/g or less of total water extractables protein per gram (EN 455-3:2015/ASTM D5712-15 - Modified Lowry Method). |