



Technical Data Sheet

<p>Article: 2403 </p> <p>Model: Knitted Gloves ESD 1</p> <p>Sizes: XS, S, M, L, XL</p> <p><small>For details on product dimensions and weights see below (table)</small></p> <p>Colour: natural/white</p> <p>Material: Main material: 73% Nylon, 13% Cooper, 9% elastic yarn, 5% twine Coating: Polyurethane (PU)</p> <p>Packaging: 240 pairs / carton</p> <p>Subpackaging: 12 pair, bundled</p> <p><small>Details of packaging are below mentioned (table)</small></p> <p>Care instructions:</p> <p></p> <p>PPE-category: Category I - suitable for use when exposed to minor risks according to Regulation (EU) 2016/425, Annex I (published in the Official Journal of the European Union)</p> <p>Standardize: <u>EN 420:2003+A1:2009 - Protective gloves - General requirements and test methods</u> <u>DIN EN 16350:2014 - Electrostatically dissipative</u> <small>Protective gloves - Electrostatic properties (The contact resistance of all glove parts (measured according to DIN EN 1149-2) is less than $1 \times 10^8 \Omega$.)</small></p>	<p><small>© BIG Arbeitsschutz GmbH</small></p>
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Fittings:

Copper/nylon/elastane blend fabric, polyurethane (PU) coated fingertips, white, knitted cuff

Characteristics:

Comfortable to wear thanks to being manufactured from a single thread, no abrasive seams. Highly flexible and an excellent fit, highly elastic, therefore highly dexterous. Electrostatically conductive in accordance with DIN EN 16350:2014.

Application:

Applicable for work with high dexterity and low risks, electrostatically conductive in accordance with DIN EN 16350:2014, measured based on DIN EN 1149-2, e.g. in the craft trade, construction sector, utilities industry

DIN EN 16350:2014 - Protective Gloves - Electrostatic properties:

Protective gloves must be classified as electrostatically dissipative if the volume resistance of all glove parts (measured according to DIN EN 1149-8) is less than $1 \times 10^8 \Omega$. These gloves meet the requirements of DIN EN 16350: 2014.

Results and conditions of the contact resistance test to DIN EN 16350:2014:

	Average	Single value
Palm	$2,6 \times 10^4 \Omega$	$1,5 \times 10^4 \Omega$; $2,0 \times 10^4 \Omega$; $3,8 \times 10^4 \Omega$; $2,7 \times 10^4 \Omega$; $3,6 \times 10^4 \Omega$
Back of Hand	$2,6 \times 10^4 \Omega$	$1,5 \times 10^4 \Omega$; $3,2 \times 10^4 \Omega$; $3,0 \times 10^4 \Omega$; $3,1 \times 10^4 \Omega$; $2,6 \times 10^4 \Omega$
Cuff	$2,3 \times 10^4 \Omega$	$1,8 \times 10^4 \Omega$; $1,7 \times 10^4 \Omega$; $2,4 \times 10^4 \Omega$; $3,2 \times 10^4 \Omega$; $2,7 \times 10^4 \Omega$

Test conditions: $(23 \pm 1)^\circ\text{C}$ / $(25 \pm 5)\%$ rel. humidity | Conditioning: 72 h | Tester: Megger BM80/2


Additional information regarding purpose, applications and risk assessment:

Please note that the actual conditions of use cannot be simulated and that the decision on the glove's suitability for its intended purpose therefore lies exclusively with the user. The manufacturer is not responsible for improper use. Hence, an assessment of the residual risk should be performed before use in order to determine whether this glove is suitable for its intended purpose.


These gloves belong to category 1 and are only suitable for use when exposed to minimal risks. This category only includes gloves that protect their user against:


- Mechanical activities with exclusively superficial implications (e.g. gardening gloves).
- Detergents with a weak or decreasing impact (e.g. gloves worn when using diluted detergent solutions).
- Dangers when handling hot substances that do not expose the user to temperatures above 50° Celsius, or hazardous substances.
- Atmospheric influences that are neither unusual nor extreme (seasonal clothing).
- Slight impact or vibration that does not affect the vital organs and whose implications will not cause irreparable damage.


These gloves must not be used for activities associated with more excessive stress or risks (e.g. caused by chemicals, thermal conditions or similar influences).


Markings on the gloves:

trademark, model no., size, CE icon, pictograms, i-mark, factory icon with month/year of manufacture

 Brand label of manufacturer
 2403 Article no. of the manufacturer
 10 Size of gloves (example)

 The CE marking confirms compliance with the requirements of European Regulation 2016/425.

 i mark: Reference to the manufacturer's information.

 Date of manufacture month/year: 00/0000

Dimensions/weights article:

Size	Length in cm	Width in cm	Height in cm	Weight in g
XS	19	7,5	0,2	9
S	19,5	7	0,2	8
M	20	7	0,2	7
L	21	8	0,2	10
XL	21,5	8,5	0,2	12

The above values are approximate and subject to slight variations.

Details of packaging unit:


Size	kg gross	kg net	Length in cm	Width in cm	Height in cm
XS	8,5	7	51	50	29
S	8,5	7	51	50	29
M	7	5,5	51	39	26
L	7	5,5	51	50	29
XL	8	6,5	51	39	26

The above values are approximate and subject to slight variations.

Hazardous ingredients - REACH (Registration, Evaluation, Authorization and Restriction of Chemicals):

The product is manufactured in compliance with Annex XVII of the European REACH regulation 1907/2006 and contains no hazardous substances in concentrations requiring declaration.

Declaration of Conformity

 These gloves are classified as personal protective equipment (PPE). The CE mark confirms that the product satisfies the applicable requirements of Regulation (EU) 2016/425.

**Identification and selection:**

Selection of gloves must be made according to workplace requirements, type of hazard and relevant environmental conditions. The employer is responsible for choosing the right PSA. Therefore, it is necessary to check the suitability of the gloves for the needs needed before use.

Regulation for use:

The gloves fulfil the safety requirements only if they are worn in an entirely correct manner and in their best condition. Check the gloves for defects or flaws before use. If any tears or holes appear during use of the gloves, they must be disposed of immediately. Make sure that the gloves are not too large or too small and fit exactly. Modifications to this PPE are not permitted. Follow the instructions provided in the manufacturer's information and keep this information in a safe place during the entire service life of the PPE. We assume no responsibility for any damages and/or consequences resulting from improper use.

Washing Instructions:

Do not wash the gloves and do not bleach. Drying in tumbler is not possible. Do not iron. Professional dry and wet cleaning is not allowed.

Cleaning, care and disinfecting:

Both new and used gloves must be checked carefully for any damage before they are worn. Never store dirty gloves if they are intended for reuse. Users are advised to carefully remove the gloves on the right and then the left if it is not possible to remove the soiling or if doing so would present a danger. Here, use the hand wearing the glove in such a way that the other glove can be removed without coming into contact with the soiling.

Storage and aging:

Keep in a cool, dry place; do not expose to direct sunlight; keep away from any ignition sources; store in the original packaging if possible. The mechanical properties of the gloves will not change for a period of up to 5 years from the manufacturing date, provided they are stored as recommended. A precise service life cannot be stated, as it depends on the type of use and on whether the user ensures that the gloves are used exclusively for their intended purpose. The manufacturing date (month/year) is stated on the gloves.

Disposal:

Used gloves may be contaminated with environmentally harmful or hazardous substances. Dispose of the gloves in accordance with applicable local laws.

Health risks:

Allergies, caused by the proper use of the gloves, are not yet known. If an allergic reaction still occurs, consult a doctor or dermatologist.

First Aid:

Remove the gloves if they are contaminated with hazardous materials.

In case of contact with skin: immediately consult a doctor if an allergic reaction occurs.

In case of eye contact: wash out the affected eye with water. Consult a doctor immediately.

For the full Declaration of Conformity and manufacturer's information, please visit:

www.big-arbeitsschutz.de



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