



DEKLARACJA ZGODNOŚCI UE

Środek ochrony indywidualnej:

Rękawice ochronne elektroizolacyjne do pracy pod napięciem

Typ:

ELSEC 2,5 – klasa 00, kategoria RC
ELSEC 5 – klasa 0, kategoria RC
ELSEC 10 – klasa 1, kategoria RC
ELSEC 20 – klasa 2, kategoria RC
ELSEC 30 – klasa 3, kategoria RC

Nazwa i adres producenta: SECURA B.C. Sp. z o.o. ul. Matuszewska 14C,
03-876 Warszawa

Niniejszą deklarację wydaje się na wyłączną odpowiedzialność producenta: SECURA B.C.
Sp. z o.o. ul. Matuszewska 14C, 03-876 Warszawa.

Przedmiotem deklaracji są **rękawice ochronne elektroizolacyjne ELSEC** do pracy pod napięciem.

Przedmiot deklaracji spełnia mające zasadnicze wymagania dotyczące zdrowia i bezpieczeństwa ocenione według modułu B Rozporządzenia Parlamentu Europejskiego i Rady (UE) 2016/425 z 9 marca 2016 r.

- Rękawice ochronne elektroizolacyjne ELSEC spełniają wymagania normy zharmonizowanej: PN-EN 60903:2006 (EN 60903:2003+AC2:2005) „Prace pod napięciem. Rękawice z materiału izolacyjnego”.
- PN-EN ISO 21420:2020-09 (EN ISO 21420:2020) „Rękawice ochronne. Wymagania ogólne i metody badań”

Rękawice ochronne elektroizolacyjne ELSEC są identyczne ze środkiem ochrony indywidualnej będącym przedmiotem certyfikatu badania typu UE nr **UE/1241/2026/1437 wydanie 1 z dnia 09.03.2026** r. z okresem ważności od 09.03.2026 do 08.03.2031 r. wydanego przez CENTRALNY INSTYTUT OCHRONY PRACY – PAŃSTWOWY INSTYTUT BADAWCZY, ul. Czerniakowska 16, 00-701 Warszawa.

Rękawice ochronne elektroizolacyjne ELSEC jako środek ochrony indywidualnej kategorii III, podlega procedurze oceny zgodności z typem w oparciu o zapewnienie jakości procesu produkcji określonej w module D zgodnie z Rozporządzeniem Parlamentu Europejskiego i Rady (UE) 2016/425 pod nadzorem CIOP – BIP (jednostki notyfikowanej nr 1437).

Podpisano w imieniu SECURA B.C. Sp. z o.o.

Miejsce i data wydania:

Warszawa, 09.03.2026

Barbara Bambini
Prokurent

APPLICATION

Insulating gloves ELSEC are applicable for electrical purposes exclusively as the basic personal protective tool for live working at voltages up to 1 kV or as an additional protective measure for live working at voltages exceeding 1 kV.

CHARACTERISTIC

ELSEC gloves of insulating material have an ergonomic shape and are made from high-quality natural latex using a fully automated production line. Each glove is individually numbered and electrically tested using a computer-controlled testing arrangement. A report of this test is attached to each glove package. The ergonomic shape and elasticity of the glove make comfortable and easy manual work even when anti-perspiration inner cotton gloves and/or protector leather gloves are worn over. Five classes of ELSEC gloves are produced fulfilling different voltage test requirements.

There are:

- **00** (2,5 kV),
- **0** (5 kV),
- **1** (10 kV),
- **2** (20 kV)
- **3** (30 kV)

ELSEC gloves are category RC gloves according to EN 60903:2003 + AC2:2005 standard and have special properties increasing their resistance to:

R – acid, oil, and ozone.

C – resistant to extremely low temperatures.

Category R combines the characteristics of categories:

A – resistant to acid;

H – resistant to oil;

Z – resistant to ozone;

Five sizes of ELSEC gloves are produced: 8, 9, 10, 11, and 12.

The ELSEC gloves have been tested against the thermal influence of electric arc according to the requirements described in the standards:

1/ EN 61482-1-1:2009

2/ EN 61482-1-2: 2010



Technical characteristics of ELSEC gloves according to EN 60903:2003 + AC2:2005

Type		ELSEC 2,5	ELSEC 5	ELSEC 10	ELSEC 20	ELSEC 30
Catalog number		S5911000	S5912000	S5913000	S5914000	S5915000
Class/Category, acc. to EN 60903:2003 + AC2:2005		00/RC	0/RC	1/RC	2/RC	3/RC
Designation of maximum use voltage	AC [V] rms	500	1 000	7 500	17 000	26 500
	DC [V]	750	1 500	11 250	25 500	39 750
AC tests	Proof test voltage [kV] rms	2,5	5	10	20	30
	Maximum proof test current [mA] rms, (routine test)	12	12	14	16	18
	Withstand test voltage [kV] rms	5	10	20	30	40
DC tests	Proof test voltage Avg [kV]	4	10	20	30	40
	Withstand test voltage Avg [kV]	8	20	40	60	70
Length [mm]		360	360	360	360	360
Maximum thickness of the gloves, <i>gloves of categories A, H, Z, and R may require additional thickness which shall not exceed 0,6 mm.</i>		0,5 mm	1,0 mm	1,5 mm	2,3 mm	2,9 mm
The average tensile strength is not less than		16 MPa	16 MPa	16 MPa	16 MPa	16 MPa
Average elongation at break is not less than		600%	600%	600%	600%	600%
Size		8, 9, 10, 11,12	8, 9, 10, 11,12	8, 9, 10, 11,12	8, 9, 10, 11,12	9,10, 11,12
Cuff		Straight	Straight	Straight	Straight	Straight

COMPOSITION

ELSEC insulating gloves are made whole from natural latex.

REQUIREMENTS

1. ELSEC gloves meet the applicable essential health and safety requirements included in Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016
2. ELSEC gloves meet the requirements of harmonized standards:
 - EN 60903:2003 + AC2:2005 "Live working. Gloves of insulating material".
 - EN ISO 21420:2020 "Protective gloves. General requirements and test methods".
3. The ELSEC electrical insulating protective gloves have a positive assessment of the EU-type examination and certificate no. UE/1127/2025/1437 edition 1 of March 2025 issued by CENTRAL INSTITUTE FOR WORK PROTECTION - NATIONAL RESEARCH INSTITUTE, ul. Czerniakowska 16, 00-701 Warsaw.
4. ELSEC gloves are approved for use in underground workings with "b" and "c" levels of methane explosion hazard and "A" and "B" levels of coal dust explosion hazard.
5. The manufacturer declares that each glove introduced into the market has been positively electrically tested according to EN 60903:2003 + AC2:2005 standard.

INSTRUCTION IN USE AND LIMITATIONS

1. The used voltage of gloves shall not exceed the maximum use voltage appropriate for a given class of gloves.
2. No gloves should be used unless they have been electrically tested within a maximum period of 6 months, whereas in the case of stored new gloves if the date of the last electrical test is more than 12 months
3. Gloves impaired or leaky shall not be used. In case of any doubts about the glove's condition, it shall not be used, but shall be controlled according to periodical inspection and electrical retesting requirements. Gloves that become wet in use or by washing shall be dried thoroughly, but not in a manner that will cause the temperature of the gloves to exceed 65 °C and shall be powdered with talcum.
4. Periodic re-testing shall be performed according to the requirements of EN 60903:2003 + AC2:2005. For class 00 and class 0 gloves, a check for air leaks and a visual inspection may be considered adequate to detect cracks and damages. Electrical tests can be performed alternatively. However, a routine dielectric test shall be performed for gloves of classes 1, 2, and 3. Gloves being used intensively are recommended to be tested within 90 days.
5. The gloves should be used in places with an ambient temperature between -40° C and + 55°C.

STORAGE

Gloves should be stored in their original container or package at the ambient temperature between +5°C and +35°C in a dark and dry place, not exposed to direct sunlight, artificial light, or other sources of ozone. Care should be taken to ensure that gloves are not compressed or folded.

WARRANTY

The manufacturer provides two years warranty for electro-insulating gloves ELSEC.

Product catalog number	Data sheet number	Numer certfikatu typu UE
S5911000 - ELSEC 2,5 kV S5912000 – ELSEC 5 kV S5913000 – ELSEC 10 kV S5914000 – ELSEC 20 kV S5915000 – ELSEC 30 kV	KK-001/2025/ELSEC	UE/1127/2025/1437, edition 1