The Electrostatics-1 and Electrostatics-2 conductive clothing are intended to be worn:
- during live working (especially bare-hand working) with AC and DC electrical installations, especially with live high voltage power lines;
- when working on discharged power lines under the electromagnetic influence of the operating AC electrical installations.

The set provides protection against:
• a harmful impact of the electric field of industrial frequency;
• electrical discharges while bare-hand working with live-parts;
• a harmful impact of air ions (including extra heavy air ions - aerosols);
• a current shock of an induced voltage;
• a thermal hazards of an electric arc;
• a harmful impact of a harmful impact of the electric field of industrial frequency.

The upper layer provides additional protection against thermal hazards of an electric arc and ignition caused by spark discharge.

Highly conductive band has got electric resistance not more than 0,1 $\Omega$ and can shunt currents up to 35 A without any damage.

Conductive double-sided fabric is a unique material which combines two inseparable surfaces: conductive (steel-silver) and insulating (meta aramid-FR viscose). Such a combination ensures maximum protective features and optimum level of comfort during work. Electric resistance of the conductive surface of the fabric is not more than 2 $\Omega$ per square.

The conductive garment, conductive gloves and socks, conductive shoes have electric resistances not more than 1 $\Omega$, 30 $\Omega$, and 10 k$\Omega$, respectively. The shielding factor at 50 Hz frequency is not less than 70 dB.

The conductive garment has an Arc Thermal Performance Value (IEC 61482) of 10 cal/cm$^2$, the conductive garment with Nomex upper suit has 22.4 cal/cm$^2$, and the conductive garment with Nomex upper suit and winter lining has 78 cal/cm$^2$.
**ELECTROSTATICS**

*Arc protective conductive clothing*

- A conductive shielding jacket with a hood (a head cover) and a face mesh
- A conductive shielding bib-and-brace or trousers
- Conductive shielding gloves
- Conductive shielding boots or socks
- Two removable equipotential bonding leads with clamps or without
- ATPV level: 10 cal/cm²

**ELECTROSTATICS-2**

*inteGREATed protection*

- A conductive shielding coverall with a hood (a head cover) and a face mesh
- Conductive shielding gloves
- Conductive shielding boots or socks
- Two removable equipotential bonding leads with clamps or without
- ATPV level: 78 cal/cm²

### FEATURES OF THE SET

- **Protection against low temperature**
- **Additional arc protection**
- **Cold-proof coverall**
- **Cold-proof conductive gloves**
- **Equipotential bonding leads** between jacket and gloves
- **Equipotential bonding leads** between jacket and bib-and-brace or trousers
- **Equipotential bonding leads with clamps**
- **Equipotential bonding leads** between bib-and-brace (or trousers) and boots (or socks)
- **Equipotential bonding leads** between conductive coverall and arc protective upper jacket

### ACCESSORIES MIGHT BE ORDERED SEPARATELY

- Summer and winter conductive gloves and socks
- Summer boots made of leather or felt, with fur or in-sooks
- Winter conductive gloves
- Winter conductive boots

### ATPV LEVEL:

- **Nomex suit**
  - ATPV level: 10 cal/cm²

- **Nomex suit + conductive coverall**
  - ATPV level: 22.4 cal/cm²

- **Nomex suit + winter lining**
  - ATPV level: 64 cal/cm²

- **Nomex suit + winter lining + conductive coverall**
  - ATPV level: 78 cal/cm²

*All conductive components of the set are connected by equipotential bonding leads*