

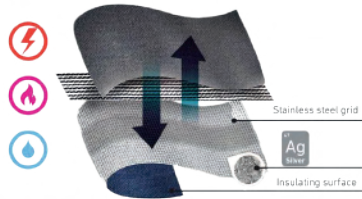
## ABOUT PROTECTIVE SET

**Wear only the best while performing live-line bare-hand work.**

Electrostatics has developed the industry's finest bare-hand suit, with state-of-the-art protective face mesh.

**The Fabric System consists of three elements:**

- ✓ A unique Double-Sided Conductive Fabric – the highest level of shielding factor (70 dB), ATPV level of 11 cal/cm<sup>2</sup>, oil and water resistance, isolation of its conductive side from the human body.
- ✓ A highly conductive tape – low level of electric resistance.
- ✓ Nomex reinforcing pads – protection of the highly conductive tape from mechanical damage, additional mechanical strength of the elbows, knees and other parts of the suit that are highly subject to abrasion.



Electric resistance of the conductive garment, not more than IEC 60895:2020	1Ω
Electric resistance of the conductive gloves, not more than IEC 60895:2020	30Ω
Electric resistance of the conductive shoes, not more than IEC 60895:2020	10kΩ
Meets and Exceeds IEC 60895-2020 with less than: <ul style="list-style-type: none"><li>• 1 Ω overall garment resistance</li><li>• 30 Ω glove resistance</li><li>• 70 dB shielding factor at 60 Hz</li></ul>	
Meets and Exceeds IEC 61482 with a ATPV of 11 cal/cm <sup>2</sup>	

**The Electrostatics design protects the worker from:**

- harmful AC electric fields
- electrical discharge during live work
- current shock from induced voltages
- thermal protection from electric arc

**The whole Fabric System is resistant to human sweat and multiple washing. A face mesh protecting the face, eyes, and brain from harmful electric fields and dangerous radio frequencies has been incorporated, like no other bare-hand suit.**

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Tested & approved by



## Electrostatics conductive suit

Protection against  
electromagnetic fields,  
induced voltage,  
electric arc.



**ELECTROSTATIC**  
*inteGREATed protection*

# ELECTROSTATICS

## Arc protective conductive clothing



### Double Pieces Set

*inteGREATed protection*

- A conductive shielding jacket with a hood (head cover) and a face mesh,
- a conductive shielding bib-and-brace or trousers,
- conductive shielding gloves,
- conductive shielding boots or socks,
- two removable equipmental bonding leads with or without clamps,
- ATPV level - 11 cal/cm<sup>2</sup>.

### Single Piece Set

*inteGREATed protection*

- A conductive shielding coverall with a hood (head cover) and a face mesh,
- conductive shielding gloves,
- conductive shielding boots or socks,
- two removable equipmental bonding leads with or without clamps,
- ATPV level - 11 cal/cm<sup>2</sup>.



## Electrostatics

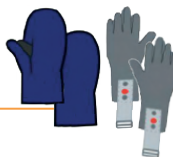
*inteGREATed protection*



### Additional arc protection



### Cold-proof mittens



### ATPV level:

- Nomex suit - 11 cal/cm<sup>2</sup>
- Nomex suit + conductive coverall - 22.4 cal/cm<sup>2</sup>
- Nomex suit + winter lining - 64 cal/cm<sup>2</sup>
- Nomex suit + winter lining + conductive coverall - 78 cal/cm<sup>2</sup>

Jacket and bib-and-brace with detachable warm-up undercoat and inner trousers have been developed to be worn at low temperatures under severe climate conditions.

### Protection against low temperature



### Cold-proof leather boots



## FEATURES OF THE SET



Equipotential bonding leads\* between jacket and gloves



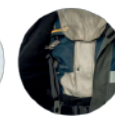
Equipotential bonding leads\* between jacket and bib-and-brace or trousers



Equipotential bonding leads with clamps



Equipotential bonding leads\* between bib-and-brace and boots or socks



Equipotential bonding leads between conductive coverall and arc protective upper jacket



Conductive shielding face mesh

## ACCESSORIES MIGHT BE ORDERED SEPARATELY



Socks



Summer and winter conductive gloves



Winter boots made of leather or felt, with fur or in-socks



Summer boots.



Nomex® underwear

\*All conductive components of the set are connected by equipmental bonding leads.