

SIZE & MEASUREMENTS

| Size | S | M | L | XL | 2XL | 3XL |
|------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Height in (cm) | 64 - 67 (164-170) | 67 - 69 (170-176) | 69 - 72 (176-182) | 72 - 74 (182-188) | 72 - 75 (184-190) | 75 - 78 (192-198) |
| Chest in (cm) | 33 - 36 (84-92) | 36 - 39 (92-100) | 39 - 42 (100-108) | 42 - 46 (108-116) | 46 - 49 (116-124) | 49 - 52 (124-132) |
| Waist in (cm) | 30 - 33 (76-84) | 33 - 36 (84-92) | 36 - 39 (92-100) | 39 - 42 (100-108) | 42 - 46 (108-116) | 46 - 49 (116-124) |
| Gloves | Large | | | X Large | | |
| Socks, Men's Shoe Size | 7 | 8 - 9 | 9.5 - 11 | 11.5 - 13 | 14 - 15 | 16 |



| | | | | | | | | | | |
|---------------|-----|-----|-----|-----|-----|------|------|------|------|------|
| *Shoe Size US | 8 | 8.5 | 9 | 9.5 | 10 | 10.5 | 11 | 11.5 | 12 | 13 |
| *Shoe Size EU | 41 | 41 | 42 | 42 | 43 | 43 | 44 | 44 | 45 | 46 |
| *Shoe Size UK | 7.5 | 8 | 8.5 | 9 | 9.5 | 10 | 10.5 | 11 | 11.5 | 12.5 |

*Sizes smaller and larger than what is on the table are available for additional nominal charge.

SELECTION CHARTS



| Suit Cat No. | Bonding Clamp or Straps | Description | Style | Size |
|--------------|-------------------------|--------------------------------------|---------|-----------|
| FA32-S | Specify | Conductive Suit, Jacket and Trousers | 2-Piece | Small |
| FA32-M | Specify | Conductive Suit, Jacket and Trousers | 2-Piece | Medium |
| FA32-L | Specify | Conductive Suit, Jacket and Trousers | 2-Piece | Large |
| FA32-XL | Specify | Conductive Suit, Jacket and Trousers | 2-Piece | X Large |
| FA32-2XL | Specify | Conductive Suit, Jacket and Trousers | 2-Piece | XX Large |
| FA32-3XL | Specify | Conductive Suit, Jacket and Trousers | 2-Piece | XXX Large |
| FA47 | - | One Metal Bonding Clamp | - | - |
| FE 99 | - | Pair of Elastic Bonding Straps | - | - |



| Suit Cat No. | Bonding Clamp or Straps | Description | Style | Size |
|--------------|-------------------------|------------------------------------|---------|-----------|
| FE45-S | Specify | Conductive Suit, Flight Suit Style | 1-Piece | Small |
| FE45-M | Specify | Conductive Suit, Flight Suit Style | 1-Piece | Medium |
| FE45-L | Specify | Conductive Suit, Flight Suit Style | 1-Piece | Large |
| FE45-XL | Specify | Conductive Suit, Flight Suit Style | 1-Piece | X Large |
| FE45-2XL | Specify | Conductive Suit, Flight Suit Style | 1-Piece | XX Large |
| FE45-3XL | Specify | Conductive Suit, Flight Suit Style | 1-Piece | XXX Large |
| FA47 | - | One Metal Bonding Clamp | - | - |
| FE 99 | - | Pair of Elastic Bonding Straps | - | - |



| Cat No. | Description | Type | Size |
|---------|--------------------------|-----------------------------|---------------------------|
| FE46-L | Conductive Gloves - pair | Stretch-to-fit construction | Fits S, M & L Glove Sizes |
| FE46-XL | Conductive Gloves - pair | Stretch-to-fit construction | Fits XL & Up Glove Sizes |

| Sock Size | S | M | L | XL | 2XL | 3XL |
|----------------------|--------|--------|----------|-----------|----------|----------|
| Fits Men's Shoe Size | 7 | 8 - 9 | 9.5 - 11 | 11.5 - 13 | 14 - 15 | 16 |
| Sock Cat No. / Pair | FE47-S | FE47-M | FE47-L | FE47-XL | FE47-2XL | FE47-3XL |



| Cat No. | Description | Size |
|---------|-------------------------|------------------------------|
| FA48 | Conductive Boots - pair | **See Boots Size Chart Above |

** It is recommended that the user wear an ordinary pair of socks under the conductive socks. So a bump to the next shoe size may be desired.



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It is the responsibility of the utility company or service company to select and mandate the use of proper clothing, equipment, instructions and training for the live-line work to be performed.

Each conductive suit comes in its own carrying and storage case which can fit one suit, a pair of socks, a pair of gloves and a metal bonding clamp. Cases are made of heavy-duty tear-resistant nylon fabric.



CONDUCTIVE WEAR

SUPERIOR COMFORT & PERFORMANCE

For Barehand Work on Transmission Systems



CARRARO TECNO

STYLE, TECHNOLOGY, INNOVATION

PROUDLY MADE IN ITALY

ESTABLISHED METHODS EVOLVE

The concept of "barehand" maintenance on energized transmission lines dates back to the 1960's when workers began working on energized transmissions lines without hotsticks while being supported by insulated devices.

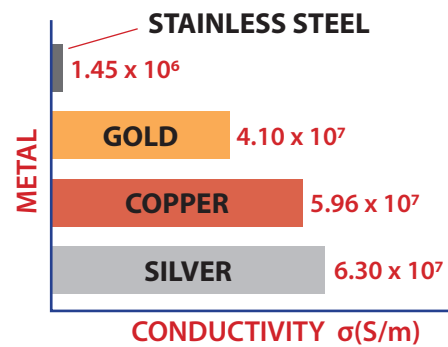
Today lineworkers energize themselves at the full potential of transmission lines while wearing a **Conductive Suit & Boots** and being supported by an insulating device such as a bucket truck, insulated platform, from helicopters, or directly on the conductor.

SUPERIOR COMFORT & PERFORMANCE

The **Carraro Tecno Conductive Wear** design modernizes the decades old concept of shielding a worker at transmission level voltages. The superior comfort, best electrical performance and excellent durability result from using highly flexible ultra-fine **silver fibers**, the best electrically conducting element on earth, woven into a very soft, comfortable, & breathable fabric that is highly durable and tear resistant.



MEET IEC 60895 — All of Carraro Tecno Conductive Wear (suits & footwear) meet the IEC 60895 Standard requirements. Reports are available upon request.



ALL MEET IEC 60895 STANDARD



Microscopic view of a typical suit using stainless steel fibers (black strands) in a woven fabric.



Microscopic view of **Carraro Conductive Suit** with helically wound silver yarn (shiny silver) in comfortable knit fabric.

One-Piece Conductive Wear



Carraro Tecno's Innovative Fabric is Very Soft, Comfortable, Breathable and yet it is highly durable and tear resistant. All aimed to provide Superior Comfort and Performance

Metal Bonding Clamp screw-on attachment. One conveniently located on each side of the suit torso

Optionally two screw-on elastic cloth "Bonding Straps" in place of single metal Bonding Clamp can be specified.

BOOTS ALSO MEET UNI EN ISO 20345 STD

Comfortable Fine Leather Lineman Conductive Boots with Braided Copper Leads & Calf Straps. Meet IEC 60895 Std & UNI EN ISO 20345 Std.

One-Piece Suit - aka Flight Suit - had been originally designed for helicopter based maintenance work on transmission lines. However now it is popular for other applications also. It is a coverall style with front closure using metal zipper, Velcro® straps & snap buttons. Flight Suit comes with two pockets, one on the left sleeve & one on the right thigh. You can specify metal bonding clamp or cloth bonding straps.

Two-Piece Conductive Wear



Pockets on Shoulder & Leg with Velcro® Closure

Sleeve & Glove design ensure proper bond between worker and the entire suit.

Exclusive "Grip Patches" are made of genuine split-grain leather.

ALL MEET IEC 60895 STANDARD



Stretch-Top Socks are comfortable yet extremely durable. Snap Buttons ensure proper bonding with the trousers.

Two-Piece design's suspender supported trousers are tied to the jacket by two internal side conductive cloth straps and one Velcro® strap located on the back. Jacket uses metal zipper, Velcro® straps & snap buttons for front closure. Suit has two pockets, one on the left sleeve & one on the right thigh. You can specify metal bonding clamp or cloth bonding straps.