

KV-Gard® Conductive Clothing by Euclid Vidaro Mfg Co.



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KV-Gard® Live-line Maintenance Protection

KV-Gard® conductive clothing is the most effective protection available for live-line linemen. Known industry-wide for safety, comfort, and durability, Euclid Vidaro's KV-Gard® is a soft Faraday cage that puts lineman at the same potential as the conductor. With clothing bonded to the conductor, linemen can work comfortably inside the electrical field at close range.

Euclid Vidaro's conductive fabric leads the industry with every phase of product development and production closely monitored by our quality control staff. Each step of the way, production meets Euclid Vidaro's strict standards, from blending Nomex® with stainless steel, spinning it into yarn, weaving it into KV-Gard® fabric, and finally sewing the garments, to produce the finest conductive garments in the world.

When the suit is complete, multiple tests are performed to check for wrist cuff to wrist cuff conductivity and sleeve to ankle cuff conductivity. All data is recorded with each suit's serial number, so Euclid Vidaro can monitor the garments continued quality and performance after years of washing and wearing.

The jacket and pants, designed for maximum comfort and protection, leave our factory under 100 Ohms average resistance. The attached hood, which accommodates hard hats, assures complete continuity and allows for excellent mobility and comfort. Pockets with snap closures at the jacket's hips provide safe storage for the two six-foot bonding tapes. The jacket is bonded to the pants by an inside loop and tie tape. The pants have a snap fly front and adjustable suspenders. Ankles and wrists have VELCRO® Brand HI-AIR® hook and loop closures for a snug fit.



6' Bonding Straps sewn into pockets of jacket



Inside bonding strap and loop joining jacket & pant



Part Number:
KV-Gard® Set
(Includes Jacket & Pants)

KV-Gard® Conductive Suit

- 6.5oz/yd² KV-Gard® Herringbone twill weave
75% Nomex® and 25% Stainless steel fibers
- Double needle sewing on all major seams
- Sewn with thread of Nomex®
- Bar-tacked at stress points
- Each KV-Gard® suit comes in a durable protective carrying case
- All KV-Gard® garments are completely washable by hand or in automatic washer with a mild detergent

Chest (To fit chest size in inches)	Medium (42)	Large (48)	X-Large (54)
Waist (To fit waist size in inches)	Medium (36)	Large (42)	X-Large (48)

KV-Gard® Accessories

Conductive Gloves

- Blend of Nomex® and Stainless steel fibers
(Similar to those used in the suits)
- Stretch knit to allow nimble fit needed for bare-hand work
- Strong, durable, and ambidextrous
- Long enough to fit over the cuff of the jacket to maintain the conductive bond
- One size fits all



Part Number:
13-38-811 Regular
13-38-811E Elbow Length

Conductive Socks

- Nomex® and Stainless steel fibers blended with cotton to provide the comfort necessary to work long hours
- Jersey knit with an elastic rib calf that fits over the pant leg of the suit
- One size fits all



Part Number:
28-38-911 Regular
28-38-911K Knee Length

KV-Gard® Accessories

Static Belt

- 72" long extension belt
- VELCRO® Brand HI-AIR® hook and loop closure wrist strap for easy attaching and removing



Part Number:
STATIC BELT-3473

Suit & Accessory Bag

- Durable zipper closure
- Made of long-wearing 200 denier nylon (will easily hold all KV-Gard® equipment and accessories)
- Plastic name plate window allows for personal identification



Part Number:
BAG-2074-2

Conductive Boots by Royer

- Padded ankle protector for comfort
- Conductive calf strap
- Protective steel toe
- Vulcanized rubber Chevron slip & oil resistant sole
- Conductivity between 0 and 10,000 Ohms
- Size (North American Sizes)
4-12, +1/2, 13 and 14
Available width: 3E



Part Number:
2-12-85-408386

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