



Electric Vehicle Safety



Kent Electric Vehicle (EV) Safety

While traditional car maintenance is a familiar territory, the high-voltage systems in electric vehicles (EVs) necessitate specific safety gear. Essential EV safety products are rated for the vehicle's high voltage to prevent shock, arc flash, and short circuits. Additionally, signage and stanchions protect the work area, alerting others to the potential electrical hazards. When it comes to servicing or repairing EVs, safety is our number one priority. Kent Automotive has the essential products for your EV safety needs.

EV Advanced Bundle

Kit Includes:

- 1 - 6' Yellow Safety Rescue Hook (1641221)
- 1 - ArcGuard 12 Cal Coverall Kit w/ Balaclava - LG(1654068), XL(1654069), 2X(1654070)
- 1 - Electric/Hybrid Vehicle "Danger High Voltage" Plastic Sign 10"x10" (1647787)
- 1 - 3 Sign Set Danger, Discharging, Discharged (1647952)
- 1 - "Danger High Voltage" Car Window Sign 7"x10" (1647958)
- 2 - 3'x6' Dielectric Corrugated Switchboard Mat (1639036)
- 2 - Barrier Set w/ 15' Belt, Red "Danger High Voltage Keep Out" (1649790)
- 1 - 15" Lockout "Danger" Steering Wheel Cover (1647959)
- 1 - EV Key Technician Tags (1647955)
- 1 - Kent Double Door Cabinet (KA5720)

1654523 - Large*

1654524 - X-Large*

1654525 - 2X-Large*

*Coverall size



EV Starter Bundle

Kit Includes:

- 1 - 6' Safety Rescue Hook (1641221)
- 1 - Enespro Face Shield w/ Slotted Bracket and Hard Hat (1654066)
- 1 - Enespro 16 Cal FR Balaclava Navy (1654067)
- 1 - Electric/Hybrid Vehicle "Danger High Voltage" Plastic Sign 10"x10" (1647787)
- 1 - "Danger High Voltage" Car Window Sign 7"x10" (1647958)
- 2 - Barrier Set w/ 15' "Danger High Voltage Keep Out" (1649790)
- 1 - Kent Double Door Cabinet (KA5720)

1654522



Novax® Gloves

Electrical Insulating Glove Safety Kits

Kit includes rubber insulating gloves, cowhide leather protector, and nylon storage bag. Complies with OSHA regulations and NFPA 70E requirements for protection against electrical shock hazards.



Classification	Size	Length (Inches)	Color	Item No.	Pkg. Qty.
0	Small	11	Orange	1375458 ²	1
	Medium	11	Orange	1375539 ²	1
	Large	11	Orange	1375487 ²	1
	X-Large	11	Orange	1375453 ²	1
	2X-Large	11	Orange	1375643 ²	1
	3X-Large	11	Orange	1375628 ²	1
	Small	11	Black	1375471 ²	1
	Medium	11	Black	1375674 ²	1
	Large	11	Black	1375640 ²	1
	X-Large	11	Black	1375591 ²	1
	2X-Large	11	Black	1375653 ²	1
	3X-Large	11	Black	1375502 ²	1

²Usually ships in 3 to 7 days

Straight Cuff Gloves

Natural rubber construction offers excellent dielectric properties combined with flexibility, strength, and durability. Features a contoured shape that reduces hand fatigue and a rolled cuff for increased durability during donning and doffing.

Products exceed requirements of ASTM D120 for rubber insulating gloves. Meets NFPA 70E requirements for protection against electrical shock hazards.



Classification	Size	Length (Inches)	Color	Item No.	Pkg. Qty.
0	Small	11	Orange	1375464 ²	1
	Medium	11	Orange	1375665 ²	1
	Large	11	Orange	1375621 ²	1
	X-Large	11	Orange	1375583 ²	1
	2X-Large	11	Orange	1375659 ²	1
	3X-Large	11	Orange	1375612 ²	1
	Small	14	Black	1375687 ²	1
	Medium	14	Black	1375633 ²	1
	Large	14	Black	1375596 ²	1
	X-Large	14	Black	1375662 ²	1
	2X-Large	14	Black	1375499 ²	1
	3X-Large	14	Black	1375465 ²	1

²Usually ships in 3 to 7 days

Leather Protectors

Covers for rubber gloves for mechanical protection. Not to be used for electrical protection per ASTM F696-02.



Classification	Size	Length (Inches)	Cuff	Item No.	Pkg. Qty.
00 - 0	Small	10	Driver	1375501 ²	1
	Medium	10	Driver	1375563 ²	1
	Large	10	Driver	1375529 ²	1
	X-Large	10	Driver	1375478 ²	1
	2X-Large	10	Driver	1375454 ²	1
	3X-Large	10	Driver	1375644 ²	1
	Small	13	Gauntlet	1375608 ²	1
	Medium	13	Gauntlet	1375682 ²	1
	Large	13	Gauntlet	1375518 ²	1
	X-Large	13	Gauntlet	1375474 ²	1
	2X-Large	13	Gauntlet	1375558 ²	1
	3X-Large	13	Gauntlet	1375514 ²	1

²Usually ships in 3 to 7 days

Novax® Glove Accessories

Storage Bags

Provides protection for rubber insulating gloves

- Color: Natural
- Material: Canvas

Length (Inches)	Item No.	Pkg. Qty.
11	1375680 ²	1
14	1375635 ²	1
16	1375588 ²	1
18	1375557 ²	1

²Usually ships in 3 to 7 days



Novax® Gloves Inflators

Glove Inflators

A portable device that assists users during visual inspection to search for any abrasion, cuts, tears, or punctures in their rubber insulating gloves.

- Easy-to-use design with a non-slip base
- Compliance with OSHA 1910.137 requiring daily inspection of insulating equipment

1651518



Safety Boots

Flite® Safety Toe Work Boot

Made from Aerex 1.5.5® – a proprietary, chemical-resistant, thermally-insulative microcellular polymer, resulting in work shoes that are over 40% lighter compared to most steel toe, PVC, and rubber shoes.

- Superior chemical resistance to fats, oils, hydrocarbons, and many acids and alkalis
- Cleated, slip-resistant nitrile rubber
- Composite safety toe
- Meets ASTM F2413-18 M/I/C EH*



Size	Item No.	Pkg. Qty.
4	1647840 ²	1
5	1647841 ²	1
6	1647842 ²	1
7	1647843	1
8	1647844	1
9	1647845	1
10	1647846	1
11	1647847	1
12	1647848	1
13	1647849 ²	1
14	1647850 ²	1
15	1647851 ²	1

*Boot shall withstand 18,000 volts at 60 HZ for 1 minute with no current flow or leakage current in excess of 1.0 milliamperes under dry conditions tested as per lab conditions in Test Method F2412.

NOTE – Electrical Hazard soles and heels are intended to reduce the hazards due to accidental contact with live electrical circuits, electrically energized conductors, parts, or apparatus. Electric Hazard soles and heels are not intended for wear in those work environments where volatile chemicals or explosives may be present, where conductive footwear is required.

²Usually ships in 3 to 7 days

Dielectric Mats

Dielectric Matting Non-Conductive Corrugated Switchboard

- 1/4" extra-thick vinyl runner with corrugated PVC surface for added traction
- Grounding snap installed on all standard mats
- Use near fuse boxes, control panels, high voltage work cells, and heavy electrical equipment up to 17,000 volts



Width (Ft.)	Length (Ft.)	Thickness (Inches)	Color	Item No.	Pkg. Qty.
3	4	1/4	Black	1639035	1
	6	1/4	Black	1639036	1
4	4	1/4	Black	1639037 ⁵	1
	6	1/4	Black	1639038 ⁵	1

⁵Usually ships in 3 to 4 weeks

Dielectric Matting Non-Conductive Switchboard Matting Roll

- Rubber construction
- 56" x 25yd roll
- Electrically tested and marked per ASTM D178
- Type II, Class 2 - Max Use Voltage 17,000V AC/25,500V DC
- Made in the USA



1654076

Hard Hats and Faceshields

Arc Flash FR Faceshield Kit

Kit Includes:

Faceshield with chin cup, UltraSoft® balaclava, safety glasses, and faceshield bag.

- Premium Hover series bracket for weight compensation over hard hat
- Transparent arc flash faceshield for greater visibility
- Low profile chin cup
- Anti-fog and scratch resistant coating
- Adjustable faceshield secures in various positions
- Lightweight design
- Made in the USA

1654074



Arc Flash Faceshield with Hard Hat Hover Series 12 Cal

Provides PPE Cat Level 2 protection. The PureView™ faceshield delivers enhanced visibility and flexibility.

- Polycarbonate construction
- Anti-fog and scratch resistant coating
- Made in the USA

1654066



Faceshield Bag

Keeps faceshield protected when not in use.

- Soft cotton flannel material
- Drawstring closure
- 15.5" x 9" x 17" dimensions

1654075



Coveralls

Arc Flash Coverall Kits 12 Cal Coverall Kit with Balaclava

Kit Includes:

12 Cal FR UltraSoft Coverall, PureView Faceshield with Hard Hat, Safety Glasses, Faceshield Bag, and Gear Bag Class

Size	Item No.	Pkg. Qty.
Large	1654068	1
X-Large	1654069	1
2X-Large	1654070	1



Arc Flash Coverall 12 Cal

- 9 oz. Westex® UltraSoft® material
- Dual Hazard protection against arc flash and flash fire
- Covered two-way zipper front closure for easy entry
- 32" leg inseam
- All metal covered to ensure no contact with skin
- Made in the USA
- Black color

1654071 - Large

1654072 - X-Large

1654073 - 2X-Large



Balaclava

Ultrasoft FR Balaclava 12 Cal

Features lightweight and durable FR fabric that will not melt, drip, or ignite. A flat lock seam for comfort when worn under a hard hat.

- 6.5 oz. Westex® UltraSoft® rib material
- Designed for comfort when worn under hard hat
- Made in the USA

1654067



Hotsticks

Universal Hotstick

- Use to attach different tools to universal head fitting such as voltage detectors
- Made from electrical grade, fiberglass reinforced, thermoset resins that surround a uni-cell foam core
- 6' pole length
- Made in the USA

1654077



Safety Rescue Hooks

Electrical Rescue Hook

Rescue hooks are the safest way to retrieve a victim of electric shock while protecting the rescuer. Being electrically insulated, they allow the rescuer to separate the victim from the power source and allow first aid to be administered safely.

- Fiberglass construction
- 6' pole length
- Hook designed to be thin and light for ease of use
- Made in the USA

1641221



Barriers

Banner Head Barrier - Danger High Voltage Keep Out

- Banner Head features 15' retractable belt
- Receiver Head features (4) receiver slots
- Secure onto Stanchion with push pins for added stability and security
- Suitable for indoor/outdoor use
- Kit Includes: (2) Stanchions, (2) Bases, (1) 15' Retractable Belt, (1) Receiver Head



1649790

Caution Label Stanchion and Plastic Chain

Create a visual barrier that will direct attention to hazardous areas in both indoor and outdoor environments.

Kit includes:
(6) 2.5" stanchions with black caution label and 50ft black and yellow alternating 2" plastic chain.

1651701



Lockout

Motor Protection Circuit Breaker Lockout

A unique device for locking out the breakers on a motor control unit by encasing the breaker.

- Fits up 1.75" breaker housing.
- Made of special grade alloy and ABS

1647953



Fuse Carrier Isolation Port/Socket Lockout

A multi-use safety lockout device used for locking out electrical fuse holders up to 100A.

1647954



Lockout Steering Wheel Cover

- Cover reads "Danger, Do Not Start or Move Vehicle"
- A brass-reinforced padlock hole allows the cover to be locked to the wheel

Size	Item No.	Pkg. Qty.
15"	1647959	1
19"	1647960	1
23"	1647961	1



Fire Blankets

LEADER STOP Large Fire Blanket

Quickly isolates a burning vehicle to prevent the spread of fire and eliminates the release of smoke and fumes.

- Silicon glass fibers resists high temperatures
- Easily deployed by 2 operators
- Large enough to cover most cars (20ft x 26ft (520 Sq. Ft))



Description	Item No.
KIT: Includes Fire Blanket, Storage Box, 2 Pairs of Gloves, & Instruction Panel	1651516
Fire Blanket & Instruction Panel	1651517

Dielectric Matting Non-Conductive Roll Blanket

- Rubber construction
- 36" x 10yd roll
- Type II, Class 0 - Max Use Voltage 1,000V AC/1,500V DC
- Self extinguishing
- Resistant to low temperatures (-40° F for 4 hours)
- Made in the USA

1654078



Signs

Electric/Hybrid Safety Signs

Size	Item No.	Pkg. Qty.
7"x10"	1647786	1
10"x10"	1647787	1



Danger High Voltage Electric Vehicle Signs

Description	Item No.	Pkg. Qty.
Danger High Voltage - Red	1647949	1
Danger High Voltage Discharging - Orange	1647950	1
Vehicle Safe Discharged - Green	1647951	1
3 Sign Set	1647952	1



Car Window Safety Sign Danger High Voltage

1647958



Electric Vehicle Safety Tags

Description	Item No.	Pkg. Qty.
High Voltage Key Tags	1647955	10
Danger High Voltage	1647956	10
Danger Live Wires	1647957	10



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