

# Cementex

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## The Safety Tool Specialists

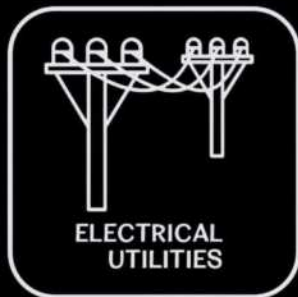
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# PRODUCT CATALOG



## PROVIDING COMPLETE ELECTRICAL SAFETY SOLUTIONS



ELECTRICAL UTILITIES



HEATING VENTILATION

AIR CONDITIONING



TELECOMMUNICATIONS



HYBRID / ELECTRIC VEHICLE



BATTERY / STORED ENERGY



INSULATED 1000V RATED HAND TOOLS



INSULATING RUBBER PRODUCTS



ARC FLASH PPE

**SAFETY IS ENGINEERED INTO EVERY TOOL WE MAKE.**



# ARC FLASH AND SHOCK RISK ASSESSMENTS

BOUNDARIES GRAPHIC Additional Protective Measures—Based on NFPA 70E-2024



CEMENTEXUSA.COM



### RESTRICTED APPROACH BOUNDARY FOR SHOCK

#### QUALIFIED PERSON

- Competent for Work Task
- Contact Work Justification
- Job Safety Plan & Job Briefing
- Risk Assessment Procedure
- Shock Risk Assessment
- EEWPF if Required
- EEJSP
- Follow Electrical Safety Program Policies, Practices & Procedural Requirements
- Shock PPE, Tools & Equipment Appropriate for the Work Task are Required

**Non-Electrical Worker NOT AUTHORIZED**

### LIMITED APPROACH BOUNDARY FOR SHOCK

#### QUALIFIED PERSON

- Competent for Work Task
  - Job Safety Plan & Job Briefing
  - Risk Assessment Procedure
  - Shock Risk Assessment
  - EEJSP
- Non-Electrical Worker + Awareness CONTINUOUSLY ESCORTED BY QUALIFIED PERSON

### ARC FLASH BOUNDARY

#### QUALIFIED PERSON

- Competent for Work Task
  - Job Safety Plan & Job Briefing
  - Risk Assessment Procedure
  - Arc Flash Risk Assessment
  - EEWPF if Required
  - EEJSP
  - Follow Electrical Safety Program Policies, Practices & Procedural Requirements
  - Arc-Rated PPE (ATPV or E<sub>ar</sub>) Appropriate for the Work Task is Required
- Updated PPE Requirements:
- LED Lamp
  - True Color Grey Lens Technology
- Non-Electrical Worker + Appropriate PPE + Awareness CONTINUOUSLY ESCORTED BY QUALIFIED PERSON

### OUTSIDE OF ARC FLASH BOUNDARY

- No PPE required

HIGHER RISK OF SHOCK

ARC FLASH BOUNDARY 1.2 cal/cm<sup>2</sup>

Arc-Rating Level (General ATPV)	Arc Flash PPE Minimum Requirements
Level 1 8-12 cal/cm <sup>2</sup>	Body: Everyday/work wear long sleeved shirt/pant or coverall (with storage bag), 100% natural fiber clothing to be worn underneath. Optional "Escape Strap" vest recommended be available for use. Head & Face: ANSI approved eyewear, clear lens. Arc-rated balaclava and arc-rated face shield (with storage bag) with true color grey lens, Class E hard hat and LED lamp. Hearing: Minimum ear canal insert ear plugs. Hands: Appropriate Class # of rubber insulating gloves with leather protectors (with storage bag sized to the Class #). Footwear: ANSI approved EH rated leather footwear. Note: Rubber insulating gloves with leather work gloves provide arc flash protection for the hands. Where there is no shock hazard exposure heavy duty leather work gloves provide arc flash protection for the hands. Body: Arc flash suit: bib overall, and jacket (with storage bag), 100% natural fiber clothing to be worn underneath. Optional: "Escape Strap" recommended. Head & Face: ANSI approved eyewear, clear lens. Arc flash suit hood with true color grey lens, Class E hard hat, hood ventilation system and LED lamp. Hearing: Minimum ear canal insert ear plugs. Hands: Appropriate Class # of rubber insulating gloves with leather protectors (with storage bag sized to the Class #). Footwear: ANSI approved EH rated leather footwear. Note: Rubber insulating gloves with leather protectors provide arc flash protection for the hands. Where there is no shock hazard exposure heavy duty leather work gloves provide arc flash protection for the hands.
Level 2 Minimum 75, 100 or 140 cal/cm <sup>2</sup>	

### DETAILED ARC FLASH & SHOCK WARNING EQUIPMENT LABEL EXAMPLE

WARNING

<b>Arc Flash and Shock Hazard</b> <b>ARC FLASH PPE</b> <b>56.1 cal/cm<sup>2</sup></b> <small>incident energy</small>	<b>SHOCK PROTECTION</b> <b>480 VAC</b> <small>0 inches Restricted Approach Boundary</small>
---	---

Equipment: MCC #1 Building, SWGR #1  
Production Device: LOAD SWITCH #1  
Report #: 19825C-00X-17-7454-22 Rev 1.0

Analysed By: TWBESCA  
Date: 2017-01-30  
Standard #: IEEE 1584-2018

NFPA 70E-24 Table 130.4(E)(a)

Shock Protection Approach Boundaries to Exposed Energized Electrical Conductors or Circuit Parts for AC Systems

Nominal System Voltage Range - Phase to Phase	Limited Approach Boundary - Exposed Fixed Circuit Part	Restricted Approach Boundary (includes inadvertent movement added)
≤ 30V	Not Specified	Not Specified
50V to 150V	1.0 m (3 ft, 6 in.)	Avoid Contact
151V to 750V	1.0 m (3 ft, 6 in.)	0.31 m (1 ft, 0 in.)
751V to 5kV	1.0 m (3 ft, 6 in.)	0.63 m (2 ft, 1 in.)
5.1kV to 15kV	1.5 m (5 ft, 0 in.)	0.65 m (2 ft, 2 in.)
15.1kV to 36kV	1.8 m (6 ft, 0 in.)	0.77 m (2 ft, 7 in.)



## ARC FLASH & ELECTRIC SHOCK PERSONAL PROTECTIVE EQUIPMENT

Specification, Selection, Pre-use Inspection & Checks—Based on NFPA 70E-2024

### PPE PRE-USE CHECKS

- Arc Flash PPE:**
- Natural fiber clothing (e.g. cotton, wool or silk) shall be worn underneath arc-rated PPE.
  - Check labeling and confirm ATPV value in cal/cm<sup>2</sup>.
  - Proper fit.
  - Ensure there are no rips, or tears resulting in holes.
  - No contamination with grease, oil, flammable liquids, or combustible liquids to a level that would compromise protection.
  - Lens of arc-rated face shields or arc flash suit hoods are not cracked, not scratched excessively and chin and side shields are secured.
  - Hard hats are Class E and suspension is not damaged and ensure you tighten the suspension to the head.
  - LED lamp is functioning properly.
  - Hood ventilation system is functioning properly.
  - Arc-rated balaclavas are tucked into the collar of long sleeved shirt or coverall.
  - If arc flash PPE is shared, has it been cleaned to manufacturer's instructions and where required disinfected following manufacturer's recommendations.
- Electric Shock PPE:**
- Rubber insulating gloves visually inspected and air tested before use. Stamped with test date current in the last 6 months.
  - Protector gloves - no rips and not excessively soiled.
  - Protector gloves - same Class # and size of rubber insulating gloves.
  - Rubber insulating gloves shall be stored in a rubber insulating gloves storage bag that is the right length for the Class # of the rubber insulating gloves. Store the rubber insulating gloves with the open end of the rubber insulating glove and protector gloves into the storage bag and palm-to-palm.
  - Insulated hand tools shall have approved mark, double stacked triangles, 1000V.
  - Insulation on insulated hand tools not scratched or nicked excessively where the yellow underlayer is exposed.
  - Hot sticks have been tested within 2 years, are clean with no visible damage and are functioning properly.
  - If rubber insulating gloves are shared, the rubber insulating gloves have been cleaned to manufacturer's instructions and, where required, disinfected following manufacturer's recommendations.

### ARC FLASH PPE MINIMUM REQUIREMENTS

#### ARC-RATING LEVEL 1 8-12 cal/cm<sup>2</sup>



Body: Everyday/task wear long sleeved shirt/pant or coverall (with storage bag). 100% natural fiber clothing to be worn underneath.

Emergency Rescue: "Escape Strap" vest available for use.

Head & Face: ANSI approved eyewear, clear lens.

Arc-rated balaclava and arc-rated face shield (with storage bag) with true color grey lens, ANSI approved Class E hard hat and LED lamp.

Hearing: ANSI approved minimum ear canal insert ear plugs.

Hands: Appropriate Class # of rubber insulating gloves with protectors (with storage bag sized to the Class #).

Footwear: ANSI approved EH rated leather footwear.

Note: Rubber insulating gloves with protectors provide arc flash protection for the hands. Where there is no electric shock hazard exposure heavy duty leather work gloves or specifically tested arc-rated gloves provide arc flash protection for the hands.

Arc Flash PPE Level	Arc-rating of Arc Flash PPE (ATPV)
1	Minimum 4 cal/cm <sup>2</sup> , ESP Level 1 everyday wear/task wear arc flash PPE.
2	Minimum 8 cal/cm <sup>2</sup> , ESP Level 1 everyday wear/task wear arc flash PPE.
3	Minimum 25 cal/cm <sup>2</sup> , ESP Level 2 arc flash suit.
4	Minimum 40 cal/cm <sup>2</sup> , ESP Level 2 arc flash suit. Note: Arc flash suits are available with an ATPV of 140 cal/cm <sup>2</sup> .

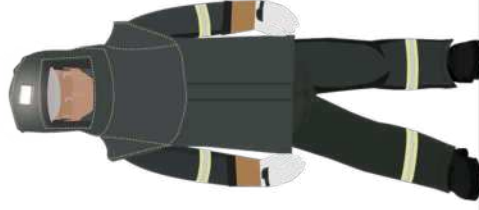
#### NFPA 70E-24 Table 130.4(E)(a) Electric Shock Protection Approach Boundaries to Exposed Energized Electrical Conductors or Circuit Parts for AC Systems

Nominal System Voltage Range - Phase to Phase	Limited Approach Boundary - Exposed Fixed Circuit Part	Restricted Approach Boundary (includes inadvertent movement adder)
≤ 50V	Not Specified	Not Specified
50V - 150V	1.0 m (3 ft. 6 in.)	Avoid Contact
151V - 750V	1.0 m (3 ft. 6 in.)	0.31 m (1 ft. 0 in.)
751V - 5kV	1.0 m (3 ft. 6 in.)	0.63 m (2 ft. 1 in.)
5.1kV - 15kV	1.5 m (5 ft. 0 in.)	0.65 m (2 ft. 2 in.)
15.1kV - 36kV	1.8 m (6 ft. 0 in.)	0.77 m (2 ft. 7 in.)

#### Test Instruments:

- For low voltage electrical equipment test instrument is approved for use and minimum CAT III, 600V.
- Test instrument, leads and probes not damaged.
- Test instrument is set to correct measurement setting.
- Test on a known source before and after testing for absence of voltage.

#### ARC-RATING LEVEL 2 Minimum 75, 100 or 140 cal/cm<sup>2</sup>



Body: Arc flash suit: bib overalls, and jacket with "Escape Strap." 100% natural fiber clothing to be worn underneath. Manufacturer's storage bag.

Emergency Rescue: "Escape strap" can be used.

Head & Face: ANSI approved eyewear, clear lens. Arc flash suit hood with true color grey lens, ANSI approved Class E hard hat, arc flash suit hood ventilation system and LED lamp.

Hearing: ANSI approved minimum ear canal insert ear plugs.

Hands: Appropriate Class # of rubber insulating gloves with protector gloves (with storage bag sized to the Class #).

Footwear: ANSI approved EH rated leather footwear.

Note: Rubber insulating gloves with protectors provide arc flash protection for the hands. Where there is no electric shock hazard exposure heavy duty leather work gloves or specifically tested arc-rated gloves provide arc flash protection for the hands. Arc flash suits are available with an ATPV of up to 140.0 cal/cm<sup>2</sup> and can be procured for use.

Class #	Max. Use Voltage AC	Max. Use Voltage DC	Notes
00	500VAC	750VDC	Protector gloves shall be correct Class # and size to match rubber insulating gloves.
0	1000VAC	1500VDC	Storage bag needs to be specified to accommodate glove length, stored flat. Vinyl bag with two pockets recommended. Rubber insulating gloves and protector gloves shall be air and visually inspected before use.
1	7500VAC	11250VDC	
2	17000VAC	23500VDC	
3	26500VAC	39750VDC	
4	36000VAC	54000VDC	

#### NFPA 70E-24 Table 130.4(E)(b) Electric Shock Protection Approach Boundaries to Exposed Energized Electrical Conductors or Circuit Parts for DC Systems

Nominal Voltage Conductor to Ground	Limited Approach Boundary - Exposed Fixed Circuit Part	Restricted Approach Boundary (includes inadvertent movement adder)
≤ 50V	Not Specified	Not Specified
50V - 300V	1.0 m (3 ft. 6 in.)	Avoid Contact
301V - 1kV	1.0 m (3 ft. 6 in.)	0.3 m (1 ft. 0 in.)
1.1kV - 5kV	1.5 m (5 ft. 0 in.)	0.5 m (1 ft. 5 in.)

#### DETAILED ARC FLASH & ELECTRIC SHOCK WARNING EQUIPMENT LABEL EXAMPLE

⚠ **WARNING**

Arc Flash and Shock Hazard

56.1

ARC FLASH PPE Incident energy

480 VAC

SHOCK PROTECTION

ARC Flash Boundary: 144 inches (12 feet) 24 inches (2 feet) 24 inches (2 feet)

Minimum Ear Protection: 144 inches (12 feet) 24 inches (2 feet) 24 inches (2 feet)

Minimum Face Protection: 144 inches (12 feet) 24 inches (2 feet) 24 inches (2 feet)

Minimum Hand Protection: 144 inches (12 feet) 24 inches (2 feet) 24 inches (2 feet)

Minimum Foot Protection: 144 inches (12 feet) 24 inches (2 feet) 24 inches (2 feet)



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# Cementex Pro Team



Since 1953 - we are Made in the U.S.A. It's who we are and what we do. Located in Burlington, NJ USA we are a family owned, American manufacturer. We build our tools and equipment to meet the demands of the qualified electrician; using premium raw materials, quality components, and the finest labor team on the planet.



## WHERE TO BUY CEMENTEX PRODUCTS

In order to provide our customers the best experience in purchasing Cementex equipment, we partner with the highest quality dealers and distributors. These select dealers and distributors have the knowledge, resources, and products to help our customers in their quest for safety and compliance.

### DISTRIBUTORS

To locate your Cementex dealer, visit [www.cementexusa.com](http://www.cementexusa.com) and select the "Find Distributors" link. This will direct you to your best sources for quality service and delivery of Cementex Products. We have hundreds of stocking dealers to service your needs.



### SALES REPRESENTATIVES

Looking to join the Cementex Dealer Network? Select the "Sales Reps" link to contact your local representative or you can contact us directly.

### FACTORY SUPPORT

The Cementex Customer Support Team does far more than process distributor orders and provide delivery information. Our team is very knowledgeable about our products and their required implementations. They are a valuable resource of knowledge and information in helping Electricians, Safety Professionals and Personnel identify their requirements and make good decisions about electrical safety.



We have been waving the flag at Cementex since our inception. We believe in utilizing quality American products whenever and wherever possible. There are some products no longer manufactured in the USA based on mergers and acquisitions in the raw tool material space and this requires us to globally source some quality components in order to offer the widest depth and breadth of quality, American labor-built ASTM F1505 voltage rated hand tools.

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## TESTING AND RECERTIFICATION SERVICES

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# Cementex

## INSULATING TECHNOLOGY

CEMENTEX HAS SPENT OVER 60 YEARS PERFECTING THE INSULATION OF HAND TOOLS. WE'VE DEVELOPED OUR OWN PROPRIETARY INSULATION MATERIAL THAT PROVIDES THE SAFEST, MOST DURABLE INSULATION FOR YOUR PROTECTION. PAINSTAKING ATTENTION TO DETAIL IS PART OF OUR PROCESS; ENSURING EVERY TOOL IS OF THE HIGHEST LEVEL OF QUALITY WHEN IT LEAVES OUR FACTORY IN BURLINGTON, NJ. EACH TOOL IS INDIVIDUALLY INSPECTED, TESTED AND GUARANTEED TO BE MANUFACTURED TO THE LEVEL YOU DESERVE.



**▲ RATED**  
 1000 VAC ⚡ 1500 VDC  
 LIFETIME MECHANICAL WARRANTY\*  
 2 YEAR INSULATION WARRANTY\*

## COMPOSITE TECHNOLOGY

WHILE WE'VE SPENT A LONG TIME PERFECTING AN INSULATING COATING, WE ARE CONTINUOUSLY DEVELOPING NEW TECHNOLOGIES TO IMPROVE SAFETY, DURABILITY, AND USABILITY. THIS PURSUIT IS EVIDENT IN OUR COMPOSITE DRIVER TOOLS. BY ELIMINATING 95% OF ALL CONDUCTIVE MATERIAL AND UTILIZING CUTTING EDGE TECHNOLOGY, WE HAVE CREATED DRIVERS THAT ARE STRONG, LIGHTWEIGHT, DURABLE, AND MOST IMPORTANTLY, SAFE.

**▲ RATED**  
 1000 VAC ⚡ 1500 VDC  
 LIFETIME WARRANTY\*



## LIMITED LIFETIME WARRANTY

OUR COMMITMENT TO QUALITY ENABLES TO US TO OFFER AN UNPARALLELED WARRANTY. THE CEMENTEX LIMITED LIFETIME WARRANTY GUARANTEES THE MECHANICAL PARTS OF THE TOOLS FOR LIFE, PROVIDED THEY ARE USED FOR THE PURPOSE FOR WHICH THEY ARE INTENDED.

INSULATION IS GUARANTEED TO BE FREE FROM DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF TWO (2) YEARS FROM THE DATE OF THE SHIPMENT. INSULATION IS GUARANTEED TO PASS A 10,000 VAC PROOF TEST IN ACCORDANCE WITH APPLICABLE U.S. AND INTERNATIONAL STANDARDS AND RATED FOR APPLICATION TO 1000 VAC / 1500 VDC.

PRIOR TO EACH USE, EACH INSULATED TOOL IS TO BE INSPECTED FOR CUTS, CRACKS, OR OTHER DAMAGE. IF THE YELLOW INSULATION BECOMES VISIBLE THROUGH THE ORANGE OUTER LAYER, THE TOOL IS NOT REPAIRABLE AND MUST BE REMOVED FROM SERVICE IMMEDIATELY. INSULATED TOOLS ARE TO BE USED AS SECONDARY PROTECTION AND ARE NOT MEANT TO BE USED IN PLACE OF OTHER PERSONAL PROTECTIVE EQUIPMENT. CUTS, CRACKS, OR OTHER DAMAGE TO THE TOOL INSULATION CAUSED BY USAGE OF THE TOOL IS NOT COVERED UNDER WARRANTY.

TORQUE WRENCH REPAIRS ARE COVERED BY WARRANTY SO LONG AS THE TORQUE WRENCH IS WITHIN ITS ANNUAL CALIBRATION TIMEFRAME.







**CEMENTEX VOLTAGE RATED INSULATED HAND TOOLS ARE DESIGNED FOR QUALIFIED PROFESSIONAL ELECTRICIANS**  
 PRIOR TO EACH USE INSPECT TOOLS FOR CUTS, CRACKS OR OTHER DAMAGE TO INSULATION AS WELL AS MECHANICAL DAMAGE TO TOOLS.  
 REMOVE TOOL FROM SERVICE IF **YELLOW INSULATION BECOMES VISIBLE THROUGH ORANGE INSULATION**

### 2-LAYERS FOR A REASON

CEMENTEX 1000V RATED TOOLS ARE INSULATED WITH OUR EXCLUSIVE INSULATING MATERIAL; UTILIZING CONTRASTING COLOR LAYERS  
**ORANGE OVER YELLOW** TO PROVIDE POSITIVE IDENTIFICATION OF THE PROTECTIVE VALUE OF CEMENTEX TOOLS.  
 YOUR SAFETY IS YOUR RESPONSIBILITY. TRUST YOUR EQUIPMENT. TRUST CEMENTEX.

- Made in the USA
- COMPLY WITH IEC 60900 STANDARD
- COMPLY WITH ASTM F1505 STANDARD
- Help you meet requirements of OSHA Safety Related Work Practices, NFPA 70E® and CSA Z462
- Marked with international safety symbol 1000V

VOLTAGE RATED INSULATED HAND TOOLS ARE TO BE USED AS A SECONDARY PROTECTION AND ARE NOT TO BE USED IN PLACE OF OTHER REQUIRED PERSONAL PROTECTIVE EQUIPMENT. WHENEVER POSSIBLE, DE-ENERGIZE LINES AND EQUIPMENT PRIOR TO WORKING ON OR AROUND THEM.

## INSULATED HAND TOOLS - WHERE AND WHEN

### “OSHA - Electrical, Safeguards for personal protection 1910.335(a)(2)(i)

When working near exposed energized conductors or circuit parts, each employee shall use insulated tools or handling equipment if the tools or handling equipment might make contact with such conductors or parts...”

### Cementex Safety Policy Recommendation

As part of our enduring commitment to safety Cementex recommends using insulated tools or handling equipment, or both, when working inside the **limited approach boundary**. This provides a larger area of protection against accidental and inadvertent contact with exposed equipment.

### “2024 Edition NFPA 70E® STANDARD for Electrical Safety in the Workplace®

#### 130.7(D)(1) Insulated Tools and Equipment.

Tools and handling equipment used within the **restricted approach boundary** shall be insulated...”

#### \*Def.

#### “Boundary, Restricted Approach

An approach limit at a distance from an exposed energized electrical conductor or circuit part within which there is an increased likelihood of electric shock, due to electrical arc-over combined with inadvertent movement, for personnel working in close proximity to the energized electrical conductor or circuit part.

**(151-750 VAC / 300-1,000 VDC = 1ft)”**

#### “Boundary, Limited Approach

An approach limit at a distance from an exposed energized electrical conductor or circuit part within which a shock hazard exists.” **(50-750 VAC / 100-1,000 VDC = 3ft 6in)”**





# SCREWDRIVERS



- 1,000 VAC / 1,500 VDC Double Insulated (Orange over Yellow)
- Cementex proprietary insulation material provides durable protection and ASTM F1505 and IEC60900 compliance
- Tapered insulation at working-end allows access to tighter locations
- Cushion Grip handle (when indicated or shown) provides greater comfort and torque
- Premium, plated, corrosion-resistant steel
- Internal flanges in handle provide solid, twist-resistant blade
- Made in U.S.A.



Screwdrivers

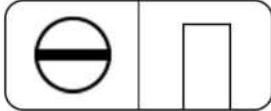
RATED 1000 VAC / 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



**M4-CG**

## Cabinet Tip



PN	DESC
M332X2.....	3/32" x 2"
M332X3.....	1/8" x 3"
M2.....	1/8" x 2"
M2L.....	1/8" x 3-3/4"
M2XL.....	1/8" x 6"
M3L.....	1/8" x 3"
MC4P-CG.....	3/16" x 4"
MC6P-CG....	3/16" x 6"
MC8P-CG....	3/16" x 8"
MC10P-CG...	3/16" x 10"
M1-SBY.....	1/4" x 1"
M4-CG.....	1/4" x 4"
M6-CG.....	1/4" x 6"
M8-CG.....	1/4" x 8"



**CM2-3**

### Composite

PN	DESC
CM2-3.....	1/8" x 3"
CM2-6.....	1/8" x 6"
CMC5-CG....	3/16" x 5"
CMC6-CG....	3/16" x 6"
CM4-CG.....	1/4" x 4-1/2"
CM6-CG.....	1/4" x 6"

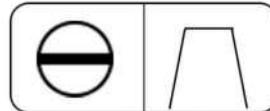
### Offset

PN	DESC
OSSD-S146.....	1/4" x 6"



**Y1P-SBY**

## Mechanics Tip



PN	DESC
Y1P-SBY.....	7/32" x 3/4"
Y1-CG.....	7/32" x 1-3/4"
Y3-CG.....	7/32" x 3-1/4"
Y4-CG.....	1/4" x 4"
Y6-CG.....	5/16" x 6"
Y8-CG.....	3/8" x 8"
Y10-CG.....	3/8" x 10"
Y12-CG.....	3/8" x 12"
Y20-CG.....	3/8" x 20"



**M2**



**Y6-CG**

### Composite

PN	DESC
C516-6CG.....	5/16" x 6"
C38-6CG.....	3/8" x 6"





**RATED**  
1000 VAC 1500 VDC



**P2-SBY**



**P0-3.5**



**P2-4-CG**



**CP2-4-CG**

**Composite**  
**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 CP1-3-CG.... #1 x 3"  
 CP1-5-CG.... #1 x 5"  
 CP2-4-CG... #2 x 4"  
 CP2-6-CG... #2 x 6"  
 CP3-6-CG... #3 x 6"



**OSSD-P36**

**Offset**  
**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 OSSD-P26...#2 x 6"  
 OSSD-P36...#3 x 6"

**Phillips Tip**



<b>PN</b> _____	<b>DESC</b> _____
P00-6.....	#00 x 6"
P0-2.5.....	#0 x 2-1/2"
P0-3.5.....	#0 x 3-1/2"
P0-6.....	#0 x 6"
P1-1-SBY.....	#1 X 1"
P1-3-CG.....	#1 x 3"
P1-6-CG.....	#1 x 6"
P2-1-CG.....	#2 x 1"
P2-1-SBY.....	#2 x 1"
P2-4-CG.....	#2 x 4"
P2-6-CG.....	#2 x 6"
P2-7-CG.....	#2 x 7"
P2-8-CG.....	#2 x 8"
P2-10-CG.....	#2 x 10"
P2-12-CG.....	#2 x 12"
P2-20-CG.....	#2 x 20"
P3-6-CG.....	#3 x 6"
P4-8-CG.....	#4 x 8"

**RATED**  
1000 VAC 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

# Robertson Tip



**R2-4-CG CR2-6-CG**

Originating in Canada over 100 years ago, the Robertson tip screw has become more commonly employed throughout the world and particularly in electrical equipment, including combination screws.

Available in multiple sizes and lengths, these drivers reduce slip-off and resultant damage to screw heads without applying excessive force and potentially damaging components.



**PN \_\_\_\_\_ DESC \_\_\_\_\_**

- R0-4-CG.... #0 x 4"
- R1-4-CG.... #1 x 4"
- R1-8-CG.... #1 x 8"
- R2-4-CG.... #2 x 4"
- R2-8-CG.... #2 x 8"
- R3-4-CG.... #3 x 4"
- R3-8-CG.... #3 x 8"

**Composite**

**PN \_\_\_\_\_ DESC \_\_\_\_\_**

- CR1-6-CG.... #1 x 6"
- CR2-6-CG... #2 x 6"
- CR3-6-CG... #3 x 6"

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



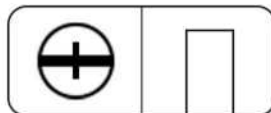
# Combo Head



**CHT2-4-CG**

Combination head screws have become more commonly employed in electrical equipment, such as terminals, plugs, and sockets. Although originally designed to facilitate a range of drivers and a reduced number of drivers an engineer needs to carry, combination head screws have resulted in a greater range of drivers available.

This hybrid driver reduce slip-off and resultant damage to screw heads without applying excessive perpendicular force and potentially damaging components.



**PN \_\_\_\_\_ DESC \_\_\_\_\_**

CHT2-4-CG....CH #2 x 4"

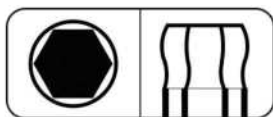




## Hex Ball Tip

The Hex Ball tip allows for easier access to hex screws and bolts that may not have direct 90 degree access. The hex ball allows an angular approach and turn permitting increased torque at indirect angles.

Available in multiple sizes, as well as custom sizes not shown, these drivers reduce slip-off and resultant damage to screw heads without applying excessive force and potentially damaging components.



**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 BD-100... 3/16" x 6"  
 BD-200... 1/4" x 6"  
 BD-300... 5/16" x 6"



BD-100



## Torx Tip

Torx is a versatile screw type, often found in low voltage applications such as computer systems, hard disk drives, consumer electronics, as well as motorcycles, or automobiles.

These useful metal screws are becoming more commonly applied in construction industries and medium voltage applications.

Available in multiple sizes, these drivers reduce slip-off and resultant damage to screw heads without applying excessive force and potentially damaging components.

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 T8-5-CG..... T8 x 5"  
 T9-5-CG..... T9 x 5"  
 T10-5-CG..... T10 x 5"  
 T15-5-CG..... T15 x 5"  
 T20-5-CG.... T20 x 5"  
 T25-5-CG.... T25 x 5"  
 T27-5-CG.... T27 x 5"  
 T30-5-CG.... T30 x 5"  
 T40-5-CG.... T40 x 5"  
 T45-5-CG.... T45 x 5"  
 T50-5-CG.... T50 x 5"  
 T55-5-CG.... T55 x 5"



T15

Screwdrivers



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

# Magnetic Tip Multi-Bit Screwdrivers



**CMTS-6**



**MTS-7**



- Tapered insulation at tip for access to tight spaces
- Snap-close storage handle for containment of bit tips
- Plating for corrosion resistance
- Internal flanges in handle provide solid, twist-resistant blade

PN	DESC
MTS-3.....	3" Shaft, 3/16" & 1/4" Cabinet, #1, #2 & #3 Phillips
MTS-7.....	7" Shaft, 3/16" & 1/4" Cabinet, #1, #2 & #3 Phillips
MTS-7CA.....	7" Shaft, 3/16" & 1/4" Cabinet, #2 & #3 Phillips, #2 Robertson

PN	DESC
CMTS-6.....	6" Shaft, 3/16" & 1/4" Cabinet, #1, #2 & #3 Phillips
CMTS-6CA.....	6" Shaft, 3/16" & 1/4" Cabinet, #2 & #3 Phillips, #2 Robertson

# Holding Screwdrivers

**CPSB1206**



**CPSB2306**



**CPSBMP1**



- "Split-Blade" Design
- Rigid Composite Sleeve provides 1000V rating
- Plating for corrosion resistance
- Cushion Grip (CG) handle for greater comfort and control
- Available in multiple sizes and bit tip configurations

PN	DESC
CPSB1204...	1/8" x 4" OAL 6"
CPSB1206...	1/8" x 6" OAL 8"
CPSB1208...	1/8" x 8" OAL 10"
CPSB1704....	3/16" x 4" OAL 6.5"
CPSB1706...	3/16" x 6" OAL 8.5"
CPSB1708...	3/16" x 8" OAL 10.5"
CPSB1804...	3/16" x 4" OAL 6.5"
CPSB1806...	3/16" x 6" OAL 9.75"
CPSB1808...	3/16" x 8" OAL 11.75"
CPSB2304..	1/4" x 4" OAL 6.5"
CPSB2306..	1/4" x 6" OAL 9.75"
CPSB2308..	1/4" x 8" OAL 11.75"
CPSBMP1.....	#2 x 6" Phillips OAL 8.5"



# Holding Screw and Nut Starters



G2NS



G2NS-SBY



CD11-8



D11PTSH

- Spring-Loaded design allows for easy operation while wearing insulating gloves
- Slender design for tight area access and storage
- Composite includes opposing end magnet for retrieval
- Available in multiple sizes and bit tip configurations

PN	DESC
D2FTSH.....	1/4" x 6" Flat Tip
D3FT-SBY...	1/4" x 4" Flat Tip "Stubby"
D3FTSH.....	1/4" x 9-3/4" Flat Tip
D10PTSH.....	#2 x 6" Phillips Tip
D11PT-SBY...	#2 x 4" Phillips Tip "Stubby"
D11PTSH.....	#2 x 9-3/4" Phillips Tip
F2PTSS.....	Universal Screwstarter
G2NS.....	Holding Nut Starter
G2NS-SBY...4"	Holding Nut Starter "Stubby"



## Composite

PN	DESC
CD3-8.....	8" Flat Tip
CD11-8.....	8" Phillips Tip
CDNS-8...	8" Nut Starter







# NUT DRIVERS

Nut Drivers



**Cementex Nut Drivers** are truly unique. Our thoughtful design allows access to tighter locations more than any other nut driver on the market. We cover the shaft of the driver with two layers of insulation and the head with a single 10,000V tested layer. This provides the same double insulation protection and safety guarantee you've always come to expect from Cementex. Our superior insulating material and the precision construction of our base tool allow us to provide the slimmest insulated nut drivers available while never sacrificing safety and protection.

Available in SAE, Metric, Composite construction, Angled Shaft, BareHead and now 1/4" and 3/8" square DriveHandle®.

Non-magnetized as a standard, however a powerful magnet may be included. Contact Cementex or your Dealer to include this feature.

All nutdriver styles are 1000V rated and comply with ASTM F1505 and IEC 60900 standards.

RATED 1000 VAC 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



## SAE ND120-CGXL

PN	DESC
ND316-CG.....	3/16" x 3"
ND316CGXL.....	3/16" x 6"
ND732-CG.....	7/32" x 3"
ND732CGXL.....	7/32" x 6"
ND140-CG.....	1/4" x 3"
ND140CGXL.....	1/4" x 6"
ND932-CG.....	9/32" x 3"
ND932CGXL.....	9/32" x 6"
ND516-SBY*.....	5/16" x 1-1/2"
ND516-CG.....	5/16" x 3"
ND516CGXL.....	5/16" x 6"
ND516CGXXL.....	5/16" x 18"
ND1132-CG.....	11/32" x 3"
ND1132CGXL.....	11/32" x 6"
ND380-SBY*.....	3/8" x 1-1/2"
ND380-CG.....	3/8" x 3"
ND380CGXL.....	3/8" x 6"
ND380CGXXL.....	3/8" x 18"
ND716-CG.....	7/16" x 3"
ND716CGXL.....	7/16" x 6"
ND120-CG.....	1/2" x 3"
ND120CGXL.....	1/2" x 6"
ND120CGXXL.....	1/2" x 18"
ND916-CG.....	9/16" x 3"
ND916CGXL.....	9/16" x 6"
ND580-CG.....	5/8" x 3"
ND580CGXL.....	5/8" x 6"
ND340-CG.....	3/4" x 3"
ND340CGXL.....	3/4" x 6"

**ND516-SBY**  
(\*3" OAL)

**ND10MM-CG**

**CND916-CG**

## Metric

PN	DESC
ND4MM-CG.....	4mm x 3"
ND4.5MM-CG....	4.5mm x 3"
ND5MM-CG.....	5mm x 3"
ND5MMCGXL....	5mm x 6"
ND5.5MM-CG....	5.5mm x 3"
ND6MM-CG.....	6mm x 3"
ND6MMCGXL....	6mm x 6"
ND7MM-CG.....	7mm x 3"
ND7MMCGXL....	7mm x 6"
ND8MM-CG.....	8mm x 3"
ND8MMCGXL....	8mm x 6"
ND9MM-CG.....	9mm x 3"
ND9MMCGXL....	9mm x 6"
ND10MM-CG.....	10mm x 3"
ND10MMCGXL...	10mm x 6"
ND11MM-CG.....	11mm x 3"
ND11MMCGXL...	11mm x 6"
ND12MM-CG.....	12mm x 3"
ND12MMCGXL...	12mm x 6"
ND13MM-CG.....	13mm x 3"
ND13MMCGXL...	13mm x 6"

## Composite

PN	DESC
CND316-CG3....	3/16" x 3"
CND316-CG.....	3/16" x 5"
CND140-CG3....	1/4" x 3"
CND140-CG.....	1/4" x 5"
CND516-CG3....	5/16" x 3"
CND516-CG.....	5/16" x 5"
CND1132-CG3...	11/32" x 3"
CND1132-CG.....	11/32" x 5"
CND380-CG3...	3/8" x 3"
CND380-CG.....	3/8" x 5"
CND716-CG3....	7/16" x 3"
CND716-CG.....	7/16" x 5"
CND120-CG3....	1/2" x 3"
CND120-CG.....	1/2" x 5"
CND916-CG3....	9/16" x 3"
CND916-CG.....	9/16" x 5"
CND580-CG.....	5/8" x 5"



Short Barrel "ASB" Style

**ND120ASB**

**ND120A**

## Angled

PN	DESC
ND516A.....	5/16"
ND380A.....	3/8"
ND716A.....	7/16"
ND716ASB....	7/16" Short Barrel
ND120A.....	1/2"
ND120ASB...	1/2" Short Barrel
ND916A.....	9/16"
ND916ASB...	9/16" Short Barrel
ND580A.....	5/8"
ND580ASB...	5/8" Short Barrel
ND340A.....	3/4"
ND340ASB...	3/4" Short Barrel





ND380CGXL-SQDR38-BH with IR38-LC



ND316CGXL-SQDR14 with IR14-LC



## Cementex BareHead Nut Drivers

Cementex double insulated shaft with bare head nut drivers provide access to the tightest locations. These are a great supplement to your fully insulated drivers.

This design also meets or exceeds industry guidelines to comply with ASTM F1505 and IEC 60900 standards.

## Cementex DriveHandle® Nut Drivers

For use with Cementex Ratchets and Torque wrenches. Hollow Shank for long posts; isolated drive for electrical protection.

This design also meets or exceeds industry guidelines to comply with ASTM F1505 and IEC 60900 standards.

### 1/4" Square DriveHandle®

PN	DESC
ND316CGXL-SQDR14....	3/16" x 6"
ND140CGXL-SQDR14....	1/4" x 6"
ND516CGXL-SQDR14....	5/16" x 6"
ND1132CGXL-SQDR14..	11/32" x 6"

### BareHead 1/4" Square DriveHandle®

PN	DESC
ND316CGXL-SQDR14-BH....	3/16" x 6"
ND140CGXL-SQDR14-BH....	1/4" x 6"
ND516CGXL-SQDR14-BH....	5/16" x 6"
ND1132CGXL-SQDR14-BH...	11/32" x 6"

**\*\*NOTE: Max Torque on 1/4" Square DriveHandle® is 10 Foot/Pounds\*\***

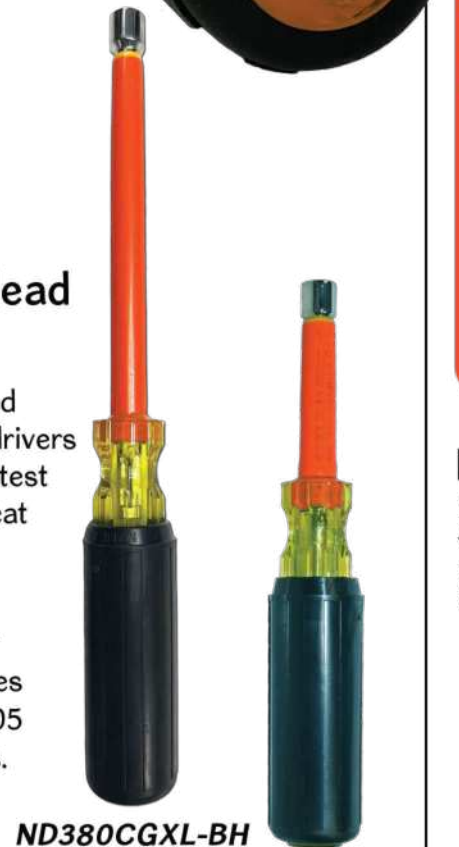
### 3/8" Square DriveHandle®

PN	DESC
ND380CGXL-SQDR38...	3/8" x 6"
ND716CGXL-SQDR38.....	7/16" x 6"
ND120CGXL-SQDR38.....	1/2" x 6"
ND916CGXL-SQDR38.....	9/16" x 6"
ND580CGXL-SQDR38...	5/8" x 6"

### BareHead 3/8" Square DriveHandle®

PN	DESC
ND380CGXL-SQDR38-BH....	3/8" x 6"
ND716CGXL-SQDR38-BH....	7/16" x 6"
ND120CGXL-SQDR38-BH....	1/2" x 6"
ND916CGXL-SQDR38-BH....	9/16" x 6"
ND580CGXL-SQDR38-BH....	5/8" x 6"

**\*\*NOTE: Max Torque on 3/8" Square DriveHandle® is 22 Foot/Pounds\*\***



ND380CGXL-BH

ND380-CG-BH

## SAE

PN	DESC
ND316-CG-BH.....	3/16" x 3"
ND316CGXL-BH.....	3/16" x 6"
ND732-CG-BH.....	7/32" x 3"
ND732CGXL-BH.....	7/32" x 6"
ND140-CG-BH.....	1/4" x 3"
ND140CGXL-BH...	1/4" x 6"
ND932-CG-BH.....	9/32" x 3"
ND932CGXL-BH...	9/32" x 6"
ND516-CG-BH.....	5/16" x 3"
ND516CGXL-BH...	5/16" x 6"
ND1132-CG-BH.....	11/32" x 3"
ND1132CGXL-BH...	11/32" x 6"
ND380-CG-BH.....	3/8" x 3"
ND380CGXL-BH..	3/8" x 6"
ND716-CG-BH.....	7/16" x 3"
ND716CGXL-BH....	7/16" x 6"
ND120-CG-BH.....	1/2" x 3"
ND120CGXL-BH....	1/2" x 6"
ND916-CG-BH.....	9/16" x 3"
ND916CGXL-BH....	9/16" x 6"
ND580-CG-BH.....	5/8" x 3"
ND580CGXL-BH...	5/8" x 6"
ND340-CG-BH.....	3/4" x 3"
ND340CGXL-BH...	3/4" x 6"

## Metric

PN	DESC
ND4MM-CG-BH.....	4mm x 3"
ND4.5MM-CG-BH.....	4.5mm x 3"
ND5MM-CG-BH.....	5mm x 3"
ND5MMCGXL-BH....	5mm x 6"
ND5.5MM-CG-BH.....	5.5mm x 3"
ND6MM-CG-BH.....	6mm x 3"
ND6MMCGXL-BH....	6mm x 6"
ND7MM-CG-BH.....	7mm x 3"
ND7MMCGXL-BH....	7mm x 6"
ND8MM-CG-BH.....	8mm x 3"
ND8MMCGXL-BH....	8mm x 6"
ND9MM-CG-BH.....	9mm x 3"
ND9MMCGXL-BH....	9mm x 6"
ND10MM-CG-BH.....	10mm x 3"
ND10MMCGXL-BH....	10mm x 6"
ND11MM-CG-BH.....	11mm x 3"
ND11MMCGXL-BH....	11mm x 6"
ND12MM-CG-BH.....	12mm x 3"
ND12MMCGXL-BH....	12mm x 6"
ND13MM-CG-BH.....	13mm x 3"
ND13MMCGXL-BH....	13mm x 6"



# SCREWDRIVER SETS



Screwdriver Sets



RATED 1000 VAC 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

<b>TR-4SD</b>	6"	3/16" 1/4"		#1 #2	Driver Roll Pouch 6
<b>TR-5SD</b>	3" 4" 4-1/2" 6"	3/16" 1/4"		#1 #2	Driver Roll Pouch 6
<b>TR-5CSD</b>	6" Composite	3/16" 1/4" 3/8"		#2 #3	Driver Roll Pouch 6
<b>TR-6SD</b>	3" 4" 4-1/2" 6"	3/16" 3/16" 1/4"	5/16"	#1 #2	Driver Roll Pouch 6
<b>TR-6MSD</b>	2-1/2"	1.5mm 2mm 4mm		#00 #0 #1	
<b>TR-6SDS</b>	2" 3" 4" 4-1/2" 6"	1/8" 1/4" 3/16"	5/16"	#1 #2	Driver Roll Pouch 6
<b>TR-6SD-C</b>	3" Composite 4" Composite 5" Composite 6" Composite	3/16" 3/16" 1/4"	5/16"	#1 #2	Driver Roll Pouch 6
<b>TR-6CSD</b>	5" Composite 6" Composite	1/8" 3/16" 1/4"		#1 #2 #3	Driver Roll Pouch 6
<b>TR-6SD-CSO</b>	5" Composite 6" Composite	3/16" 1/4"	5/16"	#1 #2 #3	Driver Roll Pouch 6
<b>TR-7SD</b>	2" 3" 3-1/2" 4" 4-1/2" 6"	3/32" 1/4" 3/16" 1/4"		#1 #0 #2	Driver Roll Pouch 8





**TR-8SD with Driver Roll Pouch 8**

**TR-11SD**

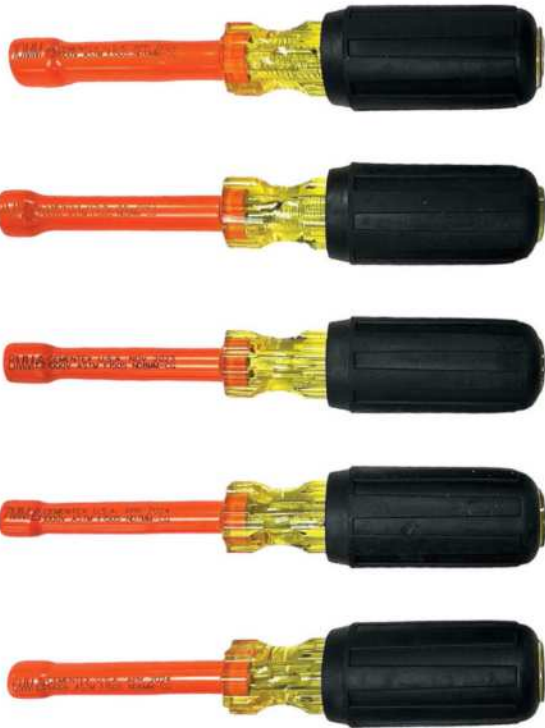


Driver Roll Pouch 8	3" 4" 4-1/2" 6" 8"	3/16" 3/16" 1/4"	5/16" 3/8"	#1 #2 #3		TR-8SD
Driver Roll Pouch 8	3" Composite 4" Composite 4-1/2" Composite 5" Composite 6" Composite	1/4" 3/16" 3/16" 1/4"	5/16" 3/8"	#1 #2		TR-8SD-C
Driver Roll Pouch 8	3" 4" 4-1/2" 6" 8" 10"	3/16" 1/4" 3/16" 3/16" 3/16"	5/16" 3/8"	#1 #2 #3		TR-9SD
Driver Roll Pouch 8	3" 4-1/2" 6" 8"	3/16" 3/16" 1/4"	5/16"	#1 #2	#1 #2 #3	TR-9SD-CA
Driver Roll Pouch 12	2" 3" 4" 6" 8" 10"	1/8" 3/16" 1/4" 3/16"	5/16" 3/8" 3/8"	#1 #2 #3		TR-10SD
Driver Roll Pouch 12	2" 3" 4" 4-1/2" 6" 8" 10" 12"	1/8" 3/16" 1/4" 3/16" 3/16"	5/16" 3/8" 3/8"	#1 #2 #3		TR-10SDS
Driver Roll Pouch 12	2" 3" 4" 4-1/2" 6" 8"	1/8" 3/16" 1/4" 3/16" 1/4"	5/16" 3/8"	#1 #2 #3		TR-11SD



# NUT DRIVER SETS

Nut Driver Sets



**TR-5ND-MM**

**TR-8NDXL-C with Driver Roll Pouch 8**

**Driver Roll Pouch 6**



**Driver Roll Pouch 12**

<b>TR-6ND</b>	3" Shaft	3/16" 1/4" 5/16"	3/8" 7/16" 1/2"	Driver Roll Pouch 6
<b>TR-6NDXL</b>	6" Shaft	3/16" 1/4" 5/16"	3/8" 7/16" 1/2"	Driver Roll Pouch 6
<b>TR-6NDXL-C</b>	6" Composite Shaft	3/16" 1/4" 5/16"	3/8" 7/16" 1/2"	Driver Roll Pouch 6
<b>TR-7NDXL</b>	6" Shaft	1/4" 5/16"	3/8" 7/16" 1/2" 9/16" 5/8"	Driver Roll Pouch 8
<b>TR-8ND</b>	3" Shaft	3/16" 1/4" 5/16" 11/32" 3/8"	7/16" 1/2" 9/16"	Driver Roll Pouch 8
<b>TR-8NDXL</b>	6" Shaft	3/16" 1/4" 5/16" 11/32" 3/8"	7/16" 1/2" 9/16"	Driver Roll Pouch 8
<b>TR-8CND</b>	6" Composite Shaft	3/16" 1/4" 5/16" 11/32" 3/8"	7/16" 1/2" 9/16"	Driver Roll Pouch 8
<b>TR-8NDXL-C</b>	6" Composite Shaft 8" Composite Holding Nut Starter	3/16" 1/4" 5/16" 11/32" 3/8" 5/16"	7/16" 1/2"	Driver Roll Pouch 8
<b>TR-9ND</b>	3" Shaft	3/16" 1/4" 5/16" 11/32" 3/8"	7/16" 1/2" 9/16" 5/8"	Driver Roll Pouch 9
<b>TR-9NDXL</b>	6" Shaft	3/16" 1/4" 5/16" 11/32" 3/8"	7/16" 1/2" 9/16" 5/8"	Driver Roll Pouch 9

<b>TR-5ND-MM</b>	3" Shaft	6mm 7mm 8mm 9mm 10mm	Driver Roll Pouch 6
<b>TR-8ND-MM</b>	3" Shaft	5mm 6mm 7mm 8mm 9mm 10mm 11mm 12mm	Driver Roll Pouch 8
<b>TR-11ND-MM</b>	3" Shaft	4mm 4.5mm 5mm 5.5mm 6mm 7mm 8mm 9mm 10mm 11mm 12mm	Driver Roll Pouch 12

**RATED**  
1000 VAC / 1500 VDC



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# COMBINATION SCREWDRIVER / NUT DRIVER SETS



**TR-12NDXL/SD with Driver Roll Pouch 12**

### TR-10NDSD

Nut Drivers	3" Shaft	1/4"	5/16"	3/8"	7/16"
Cabinet Tip Screwdrivers	4-1/2" Shaft	3/16"			
	6" Shaft	3/16"	1/4"		
Mechanics Tip Screwdriver	6" Shaft			5/16"	
Phillips Tip Screwdrivers:	3" Shaft	#1			
	4" Shaft	#2			

Driver Roll Pouch 9

### TR-12NDSD

Nut Drivers	3" Shaft	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"
Cabinet Tip Screwdrivers	4-1/2" Shaft	3/16"					
	6" Shaft	3/16"	1/4"				
Mechanics Tip Screwdriver	6" Shaft			5/16"			
Phillips Tip Screwdrivers:	3" Shaft	#1					
	4" Shaft	#2					

Driver Roll Pouch 12

### TR-12NDXL/SD

Nut Drivers	6" Shaft	3/16"	1/4"	5/16"	3/8"	7/16"	1/2"
Cabinet Tip Screwdrivers	4-1/2" Shaft	3/16"					
	6" Shaft	3/16"	1/4"				
Mechanics Tip Screwdriver	6" Shaft			5/16"			
Phillips Tip Screwdrivers:	3" Shaft	#1					
	4" Shaft	#2					

Driver Roll Pouch 12

### TR-15 DRIVER TOOLS

Nut Drivers	8" Shaft			5/16"	
Cabinet Tip Screwdrivers:	2" Shaft	1/8"			
	4-1/2" Shaft		3/16"		
	6" Shaft		3/16"	1/4"	
Mechanics Tip Screwdrivers:	4-1/2" Shaft			1/4"	
	6" Shaft			5/16"	
Phillips Tip Screwdrivers:	3" Shaft	#1			
	4" Shaft	#2			
	6" Shaft	#3			
	8" Shaft	#2			
	8" Composite Starters				

Driver Roll Pouch 12

Driver Sets



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# NEW ENGLAND STYLE LINESMEN'S PLIERS



**P9SCNE**



**P9SCNE-H**



**P9SCNE-CRFT**  
includes Crimping Feature



**P9SCNE-CRFTWS**

- Pulls 1/8" or 1/4" fish tape without damage
- Strip 10-14 AWG Solid / 12-16 AWG Stranded
- 6-32 and 8-32 Bolt Shearing

- Forged high-carbon steel
- Useful crushing area(s)
- Crosshatch Teeth for superior grip
- Laser Heat Treated cutting knives
  - Cuts ACSR, screws, nails, and most hardened wire)
  - 6-7 strand aluminum AWG 6 – 1/0 with steel cores up to 0.1327

<u>PN</u> _____	<u>DESC</u> _____
P6SCNE.....	6" Linesmen's Plier
P7SCNE.....	7" Linesmen's Plier
P8SCNE.....	8" Linesmen's Plier
P9SCNE.....	9" Linesmen's Plier
P9SCNE-H.....	9" Hardened Linesmen's Plier
P9SCNE-CRFT.....	9" Linesmen's Pliers w/Crimper and Fish Tape Puller
P9SCNE-CRFTWS...	9" Linesmen's Plier w/Crimper, Fish Tape Puller & Wire Stripper

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



## UNIVERSAL PLIERS

- Compact head
- Serrated Jaws
- Heat-treated
- Useful crushing area
- Bypass cutting blades for excellent leverage and clean cuts
- High-leverage design provides greater cutting and gripping power
- Designed for cutting round cable up to 9.2mm
- Capable of cutting soft steel wire up to 2mm
- For crimping non-insulated terminals



Jis 1.25 / 2.0 / 5.5 / 10  
AWG: 22-16 / 16-12 / 12-10/8  
DIN: 1.25 / 2.0 / 5.5 / 10

**PN**\_\_\_\_\_ **DESC**\_\_\_\_\_

P8-UP..... 8" Compact with Crimper



## SLIP JOINT PLIERS

- Curved jaw with hardened teeth for gripping and turning round objects
- Carbon steel forged and machined
- Hardened and tempered



**PN**\_\_\_\_\_ **DESC**\_\_\_\_\_

P6SJ..... 6"  
P8SJ..... 8"

**P8SJ**





## WATER PUMP PLIERS

- Right angle, laser heat-treated teeth provide long life and better grip
- Undercut tongue and groove won't slip
- Reinforced edge minimizing stress breakage

PN	DESC
P4WP	4"
P6WP	6"
P8WP	8"
P10WP	10"
P10WP-CA	10" Cam Action
P10WP-VG	10" with V-Groove
P12WP	12"
P12WP-CA	12" Cam Action
P12WP-VG	12" with V-Groove
P16WP	16"
P20WP	20"



P12WP



P12WP-CA

## RETAINING RING PLIERS



- A flip of the tab changes between internal and external applications
- Adjustable stop to reduce and increase jaw opening
- Five color-coded pairs of tips included:
  - Straight: .023", .036", .047"
  - Bent 90°: .036", .047"

1/8" - 1" External Ring Size  
1/4" - 1" Internal Ring Size

PN	DESC
P7-RR	7" Retaining Ring Plier



P7-RR

## NON-CONDUCTIVE PLIERS

- Non-conductive tool
- 1000V rated
- Completely concealed pivot pin (only steel component)
- Slender Jaws for entry to tight areas

PN	DESC
PK100	8" Plastic Gripping Pliers



PK100



## NEEDLE NOSE PLIERS



**P7CN**



**P8CN-WS**



**P8CN-CRTWS**



**P8BN45**



- Designed to reach confined areas
- Long chain nose with fine serrated jaws to make wire loops and bends
- Side cutting edge
- Heavy Duty - High carbon C1080 steel for superior performance

PN	DESC
P4CN.....	4" Needle Nose
P6BN.....	6" Bent Nose
P6CN.....	6" Needle Nose
P7CN.....	7" Needle Nose
P8CN.....	8" Needle Nose
P8BN45.....	8" 45° Bent Needle Nose
P8CN-WS.....	8" w/Wire Stripper
P8CN-CRTWS..	8" w/Crimper & Wire Stripper
	10-18 AWG Solid, 12-20 AWG Stranded, 6-32 & 8-32 Screw Shear

## DUCK BILL PLIERS



**P6DB**



- Smooth gripping surface
- Easily grip and twist wires
- Duck bill shaped jaws 23/64" (9mm) wide at the tip and tapering to 1/16" (1.5mm) thickness

PN	DESC
P6DB.....	6" Flat Nose



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

## LONG REACH PLIERS



**PBN45-10LR**



- Great for working around obstructions

PN	DESC
PSTN-10LR.....	11-3/4" Straight Nose
PBN45-10LR...	11-1/2" 45° Bent Nose
PSTNU-9.....	10-1/2" Straight Nose
P45BNU-10.....	10" 45° Bent Nose

## LONG REACH MINI PLIERS



**EP-7PK**

PN	DESC
EP-OD5....	5-3/4" Oval Head
EP-CN6....	6-1/2" Chain Nose
EP-NN7....	7-1/2" Thin Nose
EP-FN6....	6-1/2" Flat Nose
EP-TD5....	6" Thin Diagonal
EP-BN6....	7-1/4" Bent Nose

EP-7PK.....7 Pc Long Reach Pliers Set





## DIAGONAL CUTTING PLIERS

- Lap Joint and Box Joint Construction
- Designed for general wire cutting,
- Laser-Cut heat-treated edges
- Polished head
- Various sizes in heavy duty, hardened or high leverage options available

**PN \_\_\_\_\_ DESC \_\_\_\_\_**

- P4D..... 4" Diagonal Plier
- P6D..... 6" Diagonal Plier
- P7D..... 7-1/2" Diagonal Plier
- P7D-B..... 7-1/2" Box Joint Diagonal Plier
- P7D-S..... 7-1/2" Slim Diagonal Plier
- P8D..... 8" Diagonal Plier
- P8D2..... 8" Heavy Duty
- P8DA..... 8" Angled
- P8DAH.... 8" Hardened Angled
- P8D2H.... 8" Hardened
- P775HL.... 7-3/4" High Leverage
- P954HL... 9-1/2" High Leverage



**P7D**



**P7D-B**



**P7D-S**

## ROUND NOSE GAS PLIERS



- Forged Steel
- Double Pipe Grip
- Conforms to ANSI Specification No. B107.20M Type V
- Conforms to Federal Specification No. GGG-P-471 Type VI
- 2-1/8" Jaw Length
- 5/16" - 1-1/2" Pipe Capacity

**PN \_\_\_\_\_ DESC \_\_\_\_\_**

- P10GP-I..... 10" 1000V Insulated
- P10GP-C..... 10" Cushion Grip (Non-Rated)
- P10GP..... 10" Bare Handle (Non-Rated)



**P10GP-I**

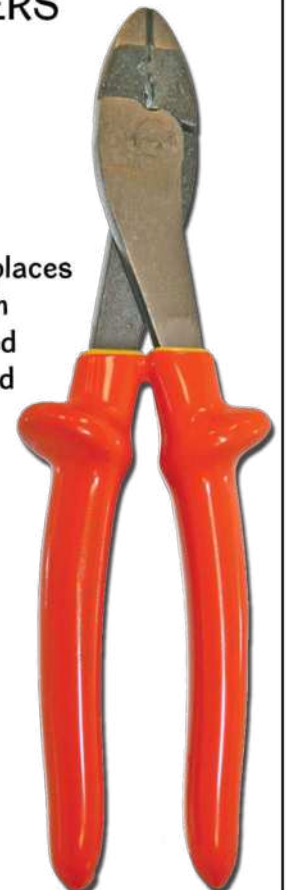
## CRIMPING PLIERS



- Slim nose shape for tight places
- Designed for crimping both insulated and non-insulated solderless connections and terminals
- Cuts 10-22 AWG wire

**PN \_\_\_\_\_ DESC \_\_\_\_\_**

- P100CT..... 10" Crimping Plier



**P100CT**

Pliers



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# WIRE STRIPPING PLIERS



**WS30-428**  
Strips and Cuts  
10-26 AWG  
Stranded  
and  
10-22 AWG  
Solid

**WS19**  
Strips and Cuts  
10-22 AWG  
Solid or Stranded

**WS45-615**  
Strips and Cuts  
10-18 AWG  
Stranded  
and  
8-16 AWG  
Solid

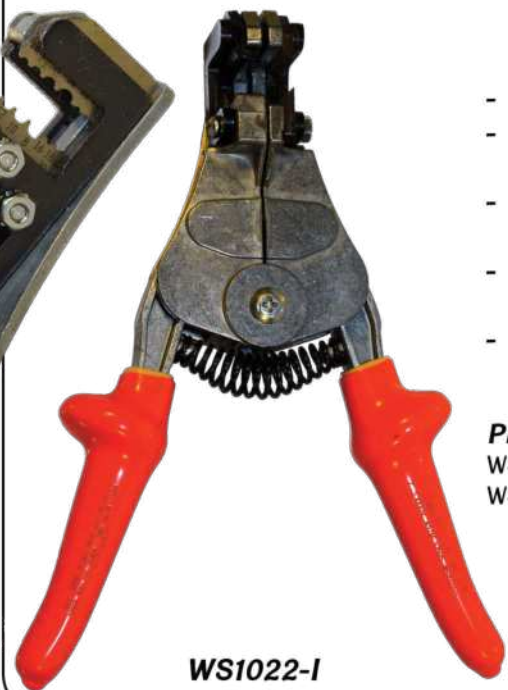
**WS45-215**  
Strips and Cuts  
10-22 AWG  
Stranded  
and  
10-18 AWG  
Solid

**WS7C-1022**  
Strips and Cuts  
12-22 AWG  
Stranded  
and  
10-22 AWG  
Solid

- Plier style nose allows looping and pulling of wire
- Elongated handles for proper hand fit

PN	DESC
WS19.....	9" with Crimper
WS30-428.....	10" with Crimper
WS45-121.....	7-5/8" Straight Handle
WS45-215.....	7-5/8" Straight Handle
WS45-615.....	8-1/2" Bent Handle
WS7C-1022.....	7" Bent Handle

# AUTOMATIC WIRE STRIPPER



- Knife-type blades
- Cleanly strips wire up to 7/8" or 22MM
- One-third less hand pressure required for each strip
- Eliminates nicking, cutting and fraying of wire
- Wire Grippers hold and strip wire while centered

PN	DESC
WS1022-I.....	8-1/4" 10-22 Gauge
WS1022-I BLADE...	Replacement Blade



**WS1022-I**

# CABLE TIE CUTTER



**WS8-CTC**

PN	DESC
WS8-CTC....	8" Cable Tie Cutter



## SHEAR-CUT CABLE CUTTING PLIERS



- Precision ground, shear action cutting blades
  - Hi-Leverage handles
  - Heavy duty forged steel
  - Heat-treated
- | PN           | DESC               |
|--------------|--------------------|
| P9CC.....    | 9"                 |
| P9CC-LR..... | 9" with Large Ring |
| CC-24.....   | 24"                |
| CC-30.....   | 30"                |

## Cable Scoring Tools



- Used to cut through exterior cable insulation to facilitate stripping. Extensively used in older underground systems with lead sheathed wires.
- | PN          | DESC   |
|-------------|--|
| CRP800..... | 8" Ringing Scoring Plier - 4.2" Max. Jaw Opening |
| CRP900..... | 9" Cable Scoring Plier - 1.375" Max. Jaw Opening |

## BOLT CUTTERS

- Drop-forged, precision ground, alloy tool steel jaws with center-cut blades
- Lockplate keeps jaws secure
- Toggle joint provides and 80x increase of hand-cutting pressure
- Screw-type adjustment allows realignment of edges

PN	DESC
BC-18....	18" Guarded*
BC-24...	24" No Guard
BC-30...	30" No Guard
BC-36...	36" No Guard

\*18" length requires guards for 1000V rating



BC-24

## RATCHETING CABLE CUTTING PLIERS

- Hardened heavy-duty cutting blades
  - Locking mechanism for safe transportation
- Standard**
- Cutter for stranded and flexible copper and aluminum cable
  - Not for use on steel, aluminum alloys, or hard-drawn copper cables

- ACSR**
- capable of cutting aluminum, copper and aluminum conductor steel reinforced (ACSR) cables



PN	DESC
RCC500.....	10" up to 500 MCM
RCC750.....	9" up to 750 MCM
RCC750-CA.....	Blade Replacement
RCC1000.....	15" up to 1000 MCM
RCC350-ACSR..	10" up to 350 MCM / 336 ACSR



# Adjustable Wrenches

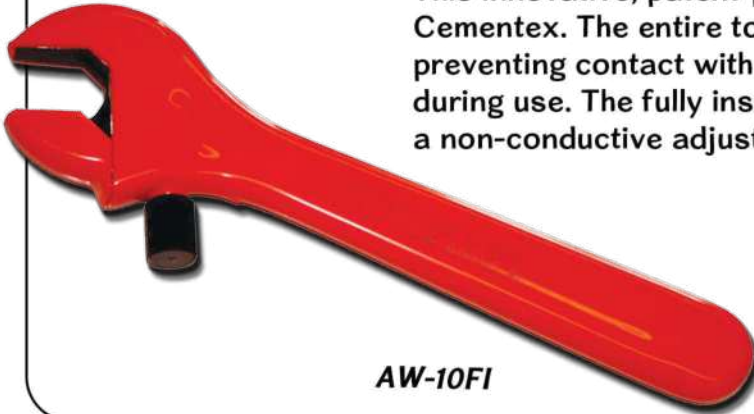


- Wide capacity jaw allows each tool to work with more fastener sizes
- Wider handle provides more comfort and less stress to the hand
- Tension spring stabilizes jaw and allows easy adjustment of knurled adjustment knob
- Alloy steel and heat treated
- Proportioned dimensions for greatest strength and minimum weight

Adjustable Wrenches

## Fully Insulated (Voltage Rated)

This innovative, patent-pending design is only available from Cementex. The entire tool is coated in two layers of insulation preventing contact with conductive components at any time during use. The fully insulated adjustable wrenches utilizes a non-conductive adjustment knob for ultimate safe operation.



**AW-10FI**

PN	DESC
AW-6FI.....	6" OAL - 3/4" Opening
AW-8FI.....	8" OAL - 7/8" Opening
AW-10FI.....	10" OAL - 1-1/8" Opening
AW-12FI.....	12" OAL - 1-1/4" Opening
AW-15FI.....	15" OAL - 1-3/4" Opening



## Insulated (Voltage Rated)

This industry standard design complies with ASTM F1505 voltage rated tool requirements. Ensure tool is outside Restricted Approach Boundaries of energized equipment prior to making size adjustments.



**AW-10I**

PN	DESC
AW-6I.....	6" OAL - 15/16" Opening
AW-6I-C... 6"	Chrome
AW-8I.....	8" OAL - 1-1/8" Opening
AW-8I-C... 8"	Chrome
AW-10I.....	10" OAL - 1-5/16" Opening
AW-10I-C..10"	Chrome
AW-12I.....	12" OAL - 1-9/16" Opening
AW-12I-C..12"	Chrome
AW-15I.....	15" OAL - 1-3/4" Opening
AW-15I-C..15"	Chrome

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

## Coated (Non-Voltage Rated)

These tools DO NOT comply with ASTM F1505 voltage rated tool requirements and are NOT VOLTAGE RATED TOOLS.



**AW-10**

PN	DESC
AW-4.....	4" OAL - 11/16" Opening
AW-6.....	6" OAL - 15/16" Opening
AW-6-C... 6"	Chrome
AW-8.....	8" OAL - 1-1/8" Opening
AW-8-C... 8"	Chrome
AW-10.....	10" OAL - 1-5/16" Opening
AW-10-C..10"	Chrome
AW-12.....	12" OAL - 1-9/16" Opening
AW-12-C..12"	Chrome
AW-15.....	15" OAL - 1-3/4" Opening
AW-15-C..15"	Chrome



# Single End Ratcheting Box Wrenches

## Offset Wrenches

45° offset for greater access in obstructed or confined workspaces.

PN	DESC
ROBWSE-08	1/4"
ROBWSE-10	5/16"
ROBWSE-12	3/8"
ROBWSE-14	7/16"
ROBWSE-16	1/2"
ROBWSE-18	9/16"
ROBWSE-20	5/8"
ROBWSE-22	11/16"
ROBWSE-24	3/4"
ROBWSE-28	7/8"



ROBWSE-24

## Straight Wrenches

PN	DESC
RBWSE-08	1/4"
RBWSE-10	5/16"
RBWSE-12	3/8"
RBWSE-14	7/16"
RBWSE-16	1/2"
RBWSE-18	9/16"
RBWSE-20	5/8"
RBWSE-22	11/16"
RBWSE-24	3/4"
RBWSE-28	7/8"



RBWSE-24

Full polish finish provides corrosion resistance and an easy-to-clean surface, while built in retaining ring in each ratchet wheel adds speed and convenience for great accessibility. Shorter length for access to confined workspaces. The wrench self-aligns with the fastener. These tools are coated for bump protection and are NOT VOLTAGE RATED TOOLS.

# Pipe Wrenches



12PW

PN	DESC
8PW	8"
10PW	10"
12PW	12"

- Oh Yes, we even have these
- Premium quality pipe wrench with bump protection

\*NOT A VOLTAGE RATED TOOL



# Open End Wrenches



Open End Wrenches

Cementex Open End Wrenches feature a continuous outer layer of orange insulation to provide a smooth transition between the dual-layer and single-layer portions of each tool. This design makes the working end of the wrenches even slimmer providing a smooth transition and reduced overall size of the wrenches enables access into tighter locations and minimizes the potential of the outer layer being caught on sharp edges that could damage the tools' insulation.



IOEWS-8



PN	DESC
OEWS-06.....	3/16"
OEWS-08.....	1/4"
OEWS-10.....	5/16"
OEWS-11.....	11/32"
OEWS-12.....	3/8"
OEWS-14.....	7/16"
OEWS-16.....	1/2"
OEWS-18.....	9/16"
OEWS-20.....	5/8"
OEWS-22.....	11/16"
OEWS-24.....	3/4"
OEWS-26.....	13/16"
OEWS-28.....	7/8"
OEWS-30.....	15/16"
OEWS-32.....	1"
OEWS-34.....	1-1/16"
OEWS-36.....	1-1/8"
OEWS-38.....	1-3/16"
OEWS-40.....	1-1/4"
OEWS-42.....	1-5/16"
OEWS-44.....	1-3/8"
OEWS-46.....	1-7/16"
OEWS-48.....	1-1/2"
OEWS-50.....	1-9/16"
OEWS-52.....	1-5/8"
OEWS-54.....	1-11/16"
OEWS-56.....	1-3/4"
OEWS-58.....	1-13/16"
OEWS-60.....	1-7/8"
OEWS-64.....	2"

PN	DESC
OEWS-06M...	6mm
OEWS-07M...	7mm
OEWS-08M...	8mm
OEWS-09M...	9mm
OEWS-10M...	10mm
OEWS-11M...	11mm
OEWS-12M...	12mm
OEWS-13M...	13mm
OEWS-14M...	14mm
OEWS-15M...	15mm
OEWS-16M...	16mm
OEWS-17M...	17mm
OEWS-18M...	18mm
OEWS-19M...	19mm
OEWS-20M...	20mm
OEWS-21M...	21mm
OEWS-22M...	22mm
OEWS-23M...	23mm
OEWS-24M...	24mm
OEWS-25M...	25mm
OEWS-26M...	26mm
OEWS-27M...	27mm
OEWS-28M...	28mm
OEWS-29M...	29mm
OEWS-30M...	30mm
OEWS-32M...	32mm
OEWS-41M...	41mm

- Newly redesigned and perfected over time
- Slender head allows access to tight locations
- Wide range of sizes and length /custom sizes available
- Cementex double layer insulation system uses superior material and insulation methods to provide the safest ASTM F1505 Voltage Rated Tools

## Open End Wrench Sets

PN	DESC
IOEWS-6.....	3/8" 7/16" 1/2" 9/16" 5/8" 3/4" Wrench Roll Pouch 8
IOEWS-8.....	3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" Wrench Roll Pouch 8
IOEWS-11.....	3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 5/16" 1" Wrench Roll Pouch 11
IOEWS-13.....	1/4" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" 1" Wrench Roll Pouch 11
IOEWS-14.....	3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" 1" 1-1/16" 1-1/8" 1-1/4" Wrench Roll Pouch 13
IOEWS-6M.....	mm 10 12 13 14 15 17 Wrench Roll Pouch 8
IOEWS-8M.....	mm 10 12 13 14 15 16 18 19 Wrench Roll Pouch 8
IOEWS-11M.....	mm 10 11 12 13 14 15 17 19 22 24 27 Wrench Roll Pouch 11
IOEWS-13M.....	mm 7 8 9 10 11 12 13 14 15 16 17 18 19 Wrench Roll Pouch 11
IOEWS-17M.....	mm 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 Wrench Roll Pouch 13

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts





Cementex Box End Wrenches also feature a continuous outer layer of orange insulation to provide a smooth transition between the dual-layer and single-layer portions of each tool.



# Box End Wrenches

- Newly redesigned and perfected over time
- Slender head allows access to tight locations
- Wide range of sizes and lengths /custom sizes available
- Cementex double layer insulation system uses superior material and insulation methods to provide the safest ASTM F1505 Voltage Rated Tools



**IBEWS-13**

**IBEWS-6M with Wrench Roll Pouch 8**

As with all sets and kits from Cementex, custom combinations are available. Contact your Cementex Dealer or Sales Representative for assistance in creating yours.



PN	DESC	PN	DESC
BEW-06.....	3/8"	BEW-06M.....	6mm
BEW-08.....	1/4"	BEW-07M.....	7mm
BEW-10.....	5/16"	BEW-08M.....	8mm
BEW-12.....	3/8"	BEW-09M.....	9mm
BEW-14.....	7/16"	BEW-10M.....	10mm
BEW-16.....	1/2"	BEW-11M.....	11mm
BEW-18.....	9/16"	BEW-12M.....	12mm
BEW-20.....	5/8"	BEW-13M.....	13mm
BEW-22.....	11/16"	BEW-14M.....	14mm
BEW-24.....	3/4"	BEW-15M.....	15mm
BEW-26.....	13/16"	BEW-16M.....	16mm
BEW-28.....	7/8"	BEW-17M.....	17mm
BEW-30.....	15/16"	BEW-18M.....	18mm
BEW-32.....	1"	BEW-19M.....	19mm
BEW-34.....	1-1/16"	BEW-20M.....	20mm
BEW-36.....	1-1/8"	BEW-21M.....	21mm
BEW-38.....	1-3/16"	BEW-22M.....	22mm
BEW-40.....	1-1/4"	BEW-23M.....	23mm
BEW-42.....	1-5/16"	BEW-24M.....	24mm
BEW-44.....	1-3/8"	BEW-25M.....	25mm
BEW-46.....	1-7/16"	BEW-26M.....	26mm
BEW-48.....	1-1/2"	BEW-27M.....	27mm
BEW-50.....	1-9/16"	BEW-28M.....	28mm
BEW-52.....	1-5/8"	BEW-29M.....	29mm
BEW-54.....	1-11/16"	BEW-30M.....	30mm
BEW-56.....	1-3/4"	BEW-32M.....	32mm
BEW-58.....	1-13/16"		
BEW-60.....	1-7/8"		
BEW-64.....	2"		

## Box End Wrench Sets

PN	DESC																		
IBEWS-8.....		3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"				Wrench Roll Pouch 8						
IBEWS-9-1424.....	1/4" 5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"				Wrench Roll Pouch 8							
IBEWS-11.....		3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	Wrench Roll Pouch 11						
IBEWS-13.....	1/4" 5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	Wrench Roll Pouch 13						
IBEWS-14.....		3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	1-1/16"	1-1/8"	1-1/4"	Wrench Roll Pouch 13			
IBEWS-6M.....	mm		10	12	13	14	15	17				Wrench Roll Pouch 8							
IBEWS-8M.....	mm		10	12	13	14	15	16	18	19				Wrench Roll Pouch 8					
IBEWS-10M-0716..	mm	7	8	9	10	11	12	13	14	15	16				Wrench Roll Pouch 11				
IBEWS-11M.....	mm		10	11	12	13	14	15	17	19	22	24	27			Wrench Roll Pouch 11			
IBEWS-13M.....	mm	7	8	9	10	11	12	13	14	15	16	17	18	19			Wrench Roll Pouch 13		
IBEWS-17M.....	mm	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	Wrench Roll Pouch 8

Box End Wrenches

1000 VAC 1500 DC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# Deep Offset Box Wrenches



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

Staying true to Cementex's drive to offer the tools you need to work safely and efficiently, we have proven it again with our Cementex Deep Offset Box Wrenches which feature a continuous outer layer of orange insulation to provide a smooth transition between the dual-layer and single-layer portions of each tool. Deep Offset Box End wrenches feature a 60° offset to help in accessing those hard to reach bolts and nuts. Additional sizes and custom kits are available. Contact your Cementex Dealer or Sales Representative for details.

<u>PN</u> _____	<u>DESC</u> _____
BEW-08DOS....	8mm
BEW-09DOS....	9mm
BEW-10DOS....	10mm
BEW-11DOS....	11mm
BEW-12DOS....	12mm
BEW-13DOS....	13mm
BEW-14DOS....	14mm
BEW-15DOS....	15mm
BEW-16DOS....	16mm
BEW-17DOS....	17mm
BEW-18DOS....	18mm
BEW-19DOS....	19mm
BEW-20DOS....	20mm
BEW-22DOS....	22mm

<u>PN</u> _____	<u>DESC</u> _____
BEW-08DOS....	1/4"
BEW-10DOS....	5/16"
BEW-12DOS....	3/8"
BEW-14DOS....	7/16"
BEW-16DOS....	1/2"
BEW-18DOS....	9/16"
BEW-20DOS....	5/8"
BEW-22DOS....	11/16"
BEW-24DOS....	3/4"
BEW-26DOS....	13/16"
BEW-28DOS....	7/8"

## Deep Offset Box Wrench Sets

<u>PN</u> _____	<u>DESC</u> _____
IBEWDOSS-8.....	3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" Wrench Roll Pouch 8
IBEWDOSS-11.....	1/4" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" Wrench Roll Pouch 11
IBEWDOSS-10M.....mm	10 11 12 13 14 15 16 17 18 19 Wrench Roll Pouch 11
IBEWDOSS-14M.....mm	8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 Wrench Roll Pouch 13

# Geared Wrenches



Geared Wrenches

Cementex Geared Wrenches are double insulated with a continuous outer layer of orange insulation to provide a smooth transition between the dual-layer and single-layer portions of each tool. These Wrenches provide the secure hold and size benefits of the Cementex box end wrenches with the added feature of a ratcheting head. The precision ratcheting head is guaranteed to withstand your heavy work load while saving valuable time.

- Newly redesigned and perfected over time
- Slender head allows access to tight locations
- Wide range of sizes and lengths / custom sizes available
- Reverse direction by flipping wrench over
- Cementex double layer insulation system uses superior material and insulation methods to provide the safest ASTM F1505 voltage rated tools



PN	DESC	PN	DESC
IGW-08	1/4"	IGW-06M	6mm
IGW-10	5/16"	IGW-07M	7mm
IGW-12	3/8"	IGW-08M	8mm
IGW-14	7/16"	IGW-09M	9mm
IGW-16	1/2"	IGW-10M	10mm
IGW-18	9/16"	IGW-11M	11mm
IGW-20	5/8"	IGW-12M	12mm
IGW-22	11/16"	IGW-13M	13mm
IGW-24	3/4"	IGW-14M	14mm
IGW-26	13/16"	IGW-15M	15mm
IGW-28	7/8"	IGW-16M	16mm
IGW-30	15/16"	IGW-17M	17mm
IGW-32	1"	IGW-18M	18mm
IGW-34	1-1/16"	IGW-19M	19mm
IGW-36	1-1/8"	IGW-20M	20mm
IGW-40	1-1/4"	IGW-21M	21mm
		IGW-22M	22mm
		IGW-24M	24mm
		IGW-25M	25mm
		IGW-27M	27mm
		IGW-30M	30mm
		IGW-32M	32mm

IGRBWS-8



IGRBWS-11



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

## Geared Wrench Sets

PN	DESC																
IGRBWS-8	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"				Wrench Roll Pouch 8					
IGRBWS-9	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"				Wrench Roll Pouch 8				
IGRBWS-11	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	Wrench Roll Pouch 11					
IGRBWS-13	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	Wrench Roll Pouch 13			
IGRBWS-16	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	15/16"	1"	1-1/16"	1-1/8"	1-1/4"	Wrench Roll Pouch 13
IGRBWS-8M		10	11	12	14	16	18	19	20				Wrench Roll Pouch 8				
IGRBWS-11M		9	10	11	12	13	14	15	16	17	18	19				Wrench Roll Pouch 11	
IGRBWS-15M		7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	Wrench Roll Pouch 13

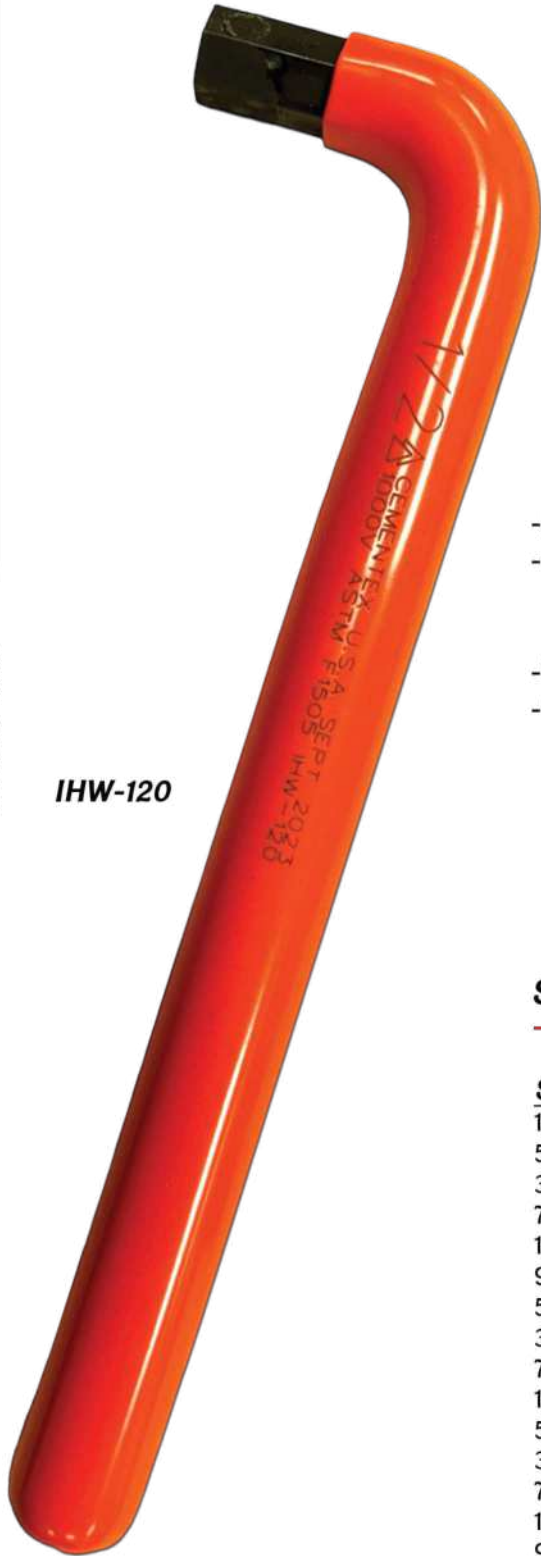


# Hex Wrenches

Hex "L" Wrenches



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



IHW-120



- Hardened American Steel
- Cementex double insulation system utilizes superior raw material and insulating process to provide the safest Voltage Rated tools possible
- Wide range of sizes and length available
- Custom construction available upon request. Contact your Dealer or Cementex Sales Representative for assistance.

## SAE

### HEX KEY WRENCH

SIZE	"L"
1/16"	IHW-116
5/64"	IHW-564
3/32"	IHW-332
7/64"	IHW-764
1/8"	IHW-180
9/64"	IHW-964
5/32"	IHW-532
3/16"	IHW-316
7/32"	IHW-732
1/4"	IHW-140
5/16"	IHW-516
3/8"	IHW-380
7/16"	IHW-716
1/2"	IHW-120
9/16"	IHW-916
5/8"	IHW-580
3/4"	IHW-340

## Metric

SIZE	"L"
1.5mm	IHW-1.5M
2mm	IHW-2M
2.5mm	IHW-2.5M
3mm	IHW-3M
3.5mm	IHW-3.5M
4mm	IHW-4M
5mm	IHW-5M
5.5mm	IHW-5.5M
6mm	IHW-6M
7mm	IHW-7M
8mm	IHW-8M
9mm	IHW-9M
10mm	IHW-10M
11mm	IHW-11M
12mm	IHW-12M
13mm	IHW-13M
14mm	IHW-14M
17mm	IHW-17M
19mm	IHW-19M
22mm	IHW-22M
24mm	IHW-24M

# Hex "L" Wrench Sets



Hex "L" Wrench Sets

**RATED**  
1000 VAC / 1500 JOC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

PN	DESC																	
HWS-7L.....	5/64"	3/32"					1/8"		5/32"	3/16"	7/32"	1/4"						
HWS-8L.....							1/8"			3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"		
HWS-10L.....	1/16"	5/64"	3/32"				1/8"		5/32"	3/16"	7/32"	1/4"	5/16"	3/8"				
HWS-14L.....	1/16"	5/64"	3/32"	7/64"			1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"		
HWS-16L.....	1/16"	5/64"	3/32"	7/64"			1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"
MHWS-9L.....	1.5	2	2.5	3	4	5	6	8	10									
MHWS-10L.....	1.5	2	2.5	3	4	5	6	8	9	10								
MHWS-11L.....	1.5	2	2.5	3	4	5	6	8	10	11	12							
MHWS-12L.....	1.5	2	2.5	3	4	5	6	8	10	12	14	17						
MHWS-13L.....	1.5	2	2.5	3	4	5	6	7	8	9	10	11	12					
MHWS-14L.....	1.5	2		3	4	5	6	7	8	9	10	12	14	17				
MHWS-18L.....	1.5	2	2.5	3	4	5	6	7	8	9	10	11	12	14	17	19	22	24

All Sets include a Hex Key Pocket Pouch



# Hex T-Handle Wrenches

Hex T-Handle Wrenches



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



**T-Handle:** Solid Core handle provides superior grip and rigid construction which limits twisting and flexing and distributes pressure evenly throughout a gloved hand.

Utilizing Cementex double insulation and available in a wide variety of sizes to meet the professional's demands.

Available, as a standard, in multiple lengths. For custom lengths, sizes and capabilities, contact your Cementex Dealer or Sales Representative.

IHK-716

IHK-716L

SAE

Metric

	6"	9"	14"
SIZE	T-HANDLE	T-HANDLE	T-HANDLE
5/64"	IHK-564	-	-
3/32"	IHK-332	-	-
7/64"	IHK-764	-	-
1/8"	IHK-180	-	-
9/64"	IHK-964	-	-
5/32"	IHK-532	-	-
3/16"	IHK-316	IHK-316L	IHK-316XL
7/32"	IHK-732	IHK-732L	IHK-732XL
1/4"	IHK-140	IHK-140L	IHK-140XL
5/16"	IHK-516	IHK-516L	IHK-516XL
3/8"	IHK-380	IHK-380L	IHK-380XL
7/16"	IHK-716	IHK-716L	IHK-716XL
1/2"	IHK-120	IHK-120L	IHK-120XL
9/16"	IHK-916	IHK-916L	IHK-916XL
5/8"	IHK-580	IHK-580L	IHK-580XL
3/4"	IHK-340	IHK-340L	-

	6"
SIZE	T-HANDLE
2mm	IHK-2M
2.5mm	IHK-2.5M
3mm	IHK-3M
4mm	IHK-4M
5mm	IHK-5M
6mm	IHK-6M
7mm	IHK-7M
8mm	IHK-8M
9mm	IHK-9M
10mm	IHK-10M
11mm	IHK-11M
12mm	IHK-12M
13mm	IHK-13M

# Hex T-Handle Wrench Sets

Hex T-Handle Wrench Sets



**HKS-8T916**  
with T-Handle Bag - Std



**MHKS-10T**  
with T-Handle Bag - Long



**HKS-7T916L**

Multiple shaft lengths and a range of combinations to meet your needs. Custom Kit configurations available upon request. Ask your Cementex Dealer or Sales Representative about your custom requirements.

**RATED**  
1000 VAC  
1500 DC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

## PN \_\_\_\_\_ 6" T-Handle Wrenches

HKS-3T120.....	5/64"									3/8"	1/2"		T-Handle Bag - Std		
HKS-4T516.....			5/32"	3/16"	7/32"	1/4"	5/16"						T-Handle Bag - Std		
HKS-6T380.....			5/32"	3/16"	7/32"	1/4"	5/16"	3/8"					T-Handle Bag - Std		
HKS-8T380.....			1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"			T-Handle Bag - Long		
HKS-8T916.....			1/8"		3/16"		1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	T-Handle Bag - Std		
HKS-10T120.....			1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"	T-Handle Bag - Std		
HKS-10T380.....	3/32"	7/64"	1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"			T-Handle Bag - Std		
HKS-11T380.....	5/64"	3/32"	7/64"	1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"		T-Handle Bag - Long		
HKS-11T916.....			1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	T-Handle Bag - Std	
HKS-12T120.....	3/32"	7/64"	1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"	T-Handle Bag - Std		
HKS-13T120.....	5/64"	3/32"	7/64"	1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"	T-Handle Bag - Long	
HKS-13T916.....	3/32"	7/64"	1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	T-Handle Bag - Std	
HKS-14T580.....	3/32"	7/64"	1/8"	9/64"	5/32"	3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"	T-Handle Bag - Long

## PN \_\_\_\_\_ 9" T-Handle Wrenches

HKS-7T916L.....			3/16"		1/4"	5/16"	3/8"	7/16"	1/2"	9/16"			T-Handle Bag - Long
HKS-8T916L.....			3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"			T-Handle Bag - Long
HKS-9T580L.....			3/16"	7/32"	1/4"	5/16"	3/8"	7/16"	1/2"	9/16"	5/8"		Zippered Tool Bag

## PN \_\_\_\_\_ Metric 6" T-Handle Wrenches

MHKS-4T.....			4	5	6	8							Small Pocket Pouch
MHKS-8T.....	2		3	4	5	6	8	9	10				T-Handle Bag - Long
MHKS-9T.....	2		3	4	5	6	7	8	9	10			T-Handle Bag - Long
MHKS-10T.....	2	2.5	3	4	5	6	7	8	9	10			T-Handle Bag - Long



# T-Handle 6-Point Socket Wrenches



- Hardened American steel
- Solid core handle provides superior grip and rigid construction limiting twisting and flexing, and distributing pressure evenly throughout gloved hand
- Deep wall and hollow shank
- Custom lengths and sizes (including larger SAE and metric) are available upon request
- Made in USA



**TW12-12-16L**  
Deep Wall  
Fully Insulated



**TW12-33-24L**  
Deep Wall  
Bare Head



**TW12-16-16L**  
Deep Wall  
Fully Insulated



**ST-THBXXL**  
(T-Handle Bag)

## 12" Overall Length - 6" Handle Width

PN	DESC
TW12-12-08L	1/4" Deep Wall Fully Insulated
TW12-12-10L	5/16" Deep Wall Fully Insulated
TW12-12-12L	3/8" Deep Wall Fully Insulated
TW12-12-14L	7/16" Deep Wall Fully Insulated
TW12-12-16L	1/2" Deep Wall Fully Insulated
TW12-12-18L	9/16" Deep Wall Fully Insulated
TW12-12-20L	5/8" Deep Wall Fully Insulated
TW12-12-22L	11/16" Deep Wall Fully Insulated
TW12-12-24L	3/4" Deep Wall Fully Insulated
TW12-12-26L	13/16" Deep Wall Fully Insulated
TW12-12-28L	7/8" Deep Wall Fully Insulated
TW12-12-30L	15/16" Deep Wall Fully Insulated
TW12-12-32L	1" Deep Wall Fully Insulated

## 16" Overall Length - 6" Handle Width

PN	DESC
TW12-16-16L	1/2" Deep Wall Fully Insulated
TW12-16-20L	5/8" Deep Wall Fully Insulated

## 18" Overall Length - 6" Handle Width

PN	DESC
TW12-18-18L	9/16" Deep Wall Fully Insulated
TW12-18-24L	3/4" Deep Wall Fully Insulated
TW12-18-26L	13/16" Deep Wall Fully Insulated

## 33" Overall Length - 10" Handle Width

PN	DESC
TW12-33-18FI	9/16" Fully Insulated
TW12-33-18L	9/16" Deep Wall Bare Head
TW12-33-18L FI	9/16" Deep Wall Fully Insulated
TW12-33-24L	3/4" Deep Wall Bare Head
TW12-33-24L FI	3/4" Deep Wall Fully Insulated
TW12-33-26L FI	13/16" Deep Wall Fully Insulated
TW12-33-28L	7/8" Deep Wall Bare Head
TW12-33-28L FI	7/8" Deep Wall Fully Insulated

**TW12-33-24L FI and TW12-33-26L FI (Deep Wall Fully Insulated) with T-Handle Bag, ST-THBXXL**

\*\*NOTE: Our 33" Overall length are legacy items and the new standard is fully insulated without the identification of calling out "FI". Any standard options shown can be created as Bare Head upon request.\*\*



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

## Screwdriver DriveHandle®

Like a screwdriver for your sockets... This driver style tool includes a 1/4" square drive head, a cushion grip handle and a completely nonconductive fiberglass shaft. This driver features a 1/4" isolated DriveHandle® allowing the use of a ratchet or torque wrench.

- Isolated Handle with 1/4" Drive Socket (DriveHandle®)
- Cushion Grip Handle

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_  
SD14-6-CG..... 1/4" Square Drive x 6"



**\*\*NOTE: Max Torque is 10 Foot/Pounds\*\***



T-Handles / Breaker Bars

## T-Handle Drives

- Hardened American steel
- Solid core handle provides superior grip and rigid construction limiting twisting and flexing, and distributing pressure evenly throughout gloved hand.
- Made in USA

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_  
TW38-7-DR... 3/8" Square Drive x 7" OAL  
TW38-13-DR.. 3/8" Square Drive x 13" OAL  
TW12-11-DR..... 1/2" Square Drive x 11" OAL



**TW38-13-DR**

**TW38-7-DR**



## Breaker Bars

Break loose stubborn nuts and bolts without damaging your socket wrench! The additional length allows the same amount of force to generate more torque than a standard length socket wrench. Custom sizes available upon request.

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_  
IBB14-5..... 3/8" Drive, 5-3/4" Length  
IBB38-8..... 3/8" Drive, 8-1/2" Length  
IBB38-12..... 3/8" Drive, 12" Length  
IBB38-15..... 3/8" Drive, 15" Length  
IBB12-12..... 1/2" Drive, 12" Length  
IBB12-17..... 1/2" Drive, 17" Length



**IBB38-8**



**RATED**  
1000 VAC / 1500 JOC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# Ratchets: Square Drive Lever Control



IR38-LCS

“Stubby” for work in areas with limited space

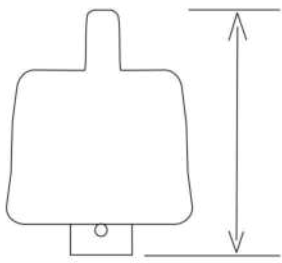


Premium ratchets from Cementex are available in multiple styles to match the new designs and developments of the Insulated Ratchet. Whether you are looking for an entirely new, state of the art design, or you are looking to update and replace tools from a set already in service, Cementex has the ratchet to keep you safe.

Ratchets

RATED 1000 VAC 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



## Regular Profile Short Drive

- 1/4" Dr. = 1.60"
- 3/8" Dr. = 2.30"
- 1/2" Dr. = 2.20"



IR14-LC

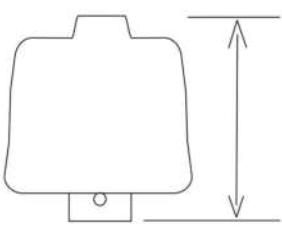
The “Classic” Regular Profile Short Drive Ratchet has been the industry standard design, set by Cementex, for decades. This ratchet features precision geared design which provides minimal distance between gear engagement and allows better control in tight spaces.

*The “Classic” is the standard ratchet included in Cementex 1/4” Drive Sets.*



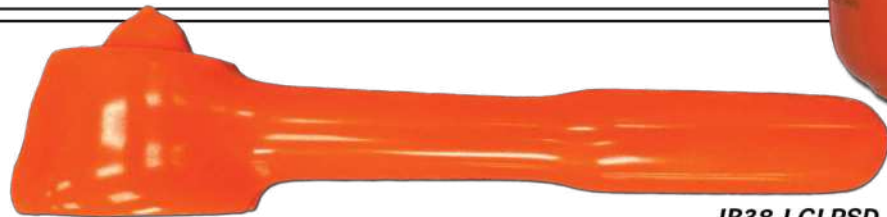
IR34-LC

<b>PN</b>	<b>DESC</b>
IR14-LC.....	1/4" Square Drive Ratchet
IR14-LCS.....	1/4" Square Drive “Stubby” Ratchet
IR38-LCSD.....	3/8" Square Short Drive Ratchet
IR12-LCSD.....	1/2" Square Short Drive Ratchet
IR34-LC.....	3/4" Square Drive Ratchet



## Low Profile Short Drive

- 1/4" Dr. = 1.30"
- 3/8" Dr. = 2.00"
- 1/2" Dr. = n/a



IR38-LCLPSD

The Low Profile Short Drive Ratchet from Cementex is the “Classic” but with a shorter lever control. This shorter lever control reduces the head height and may allow the use of a ratchet where clearance may otherwise make it impossible.

<b>PN</b>	<b>DESC</b>
IR14-LCLP.....	1/4" Square Short Drive Low Profile Ratchet
IR38-LCLPSD.....	3/8" Square Short Drive Low Profile Ratchet
IR12-LCLPSD.....	1/2" Square Short Drive Low Profile Ratchet

# X-DRIVE® Ratchets

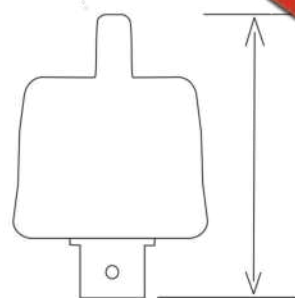


IR38-LC

The Cementex X-DRIVE® revolutionized the Insulated Ratchet and the method of concealing connection points between ratchets, extensions, adapters, and sockets. X-DRIVE® ratchets feature an extended drive, designed to mate with Cementex “Booted” interchangeable tools. When X-DRIVE® connections are made an overlap of insulation is created between components, providing a completely concealed connection. This connection is cleaner, slimmer reduces the potential of damage to sockets and extension insulation.

*X-DRIVE® is the standard ratchet included in Cementex 3/8" and 1/2" Drive Sets.*

PN	DESC
IR38-LC.....	3/8" Square X-DRIVE® Ratchet
IR38-LCS.....	3/8" Square X-DRIVE® “Stubby” Ratchet
IR38-LCLP.....	3/8" Square X-DRIVE® Low Profile Ratchet
IR12-LC.....	1/2" Square X-Drive® Ratchet
IR12-LCS.....	1/2" Square X-Drive® “Stubby” Ratchet



Regular Profile  
Cementex X-Drive®

1/4" Dr. = n/a  
3/8" Dr. = 2.60"  
1/2" Dr. = 3.00"

This innovative ratchet design changes the game and adds a whole new level of function and usability to beyond just your socket set.

The T-Handle Wrench Ratchet allows users to connect to extension bars, sockets, bit sockets and even DriveHandle® nut drivers to achieve desired tool configuration to significantly expand the functionality of your existing tools.

PN	DESC
IR38-TW.....	3/8" Square Drive T-Handle Wrench with X-DRIVE®



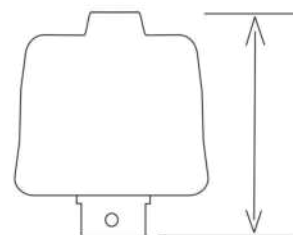
IR38-TW shown with interchangeable tools and DriveHandle® nut driver



IR38-LCLP

The Low Profile X-DRIVE® Ratchet from Cementex features a shorter lever control. This shorter lever control reduces the head height and may allow the use of a ratchet where clearance may otherwise make it impossible.

PN	DESC
IR38-LCLP.....	3/8" Square X-DRIVE® Low Profile Ratchet
IR12-LCLP.....	1/2" Square X-DRIVE® Low Profile Ratchet



Low Profile  
Cementex X-Drive®

1/4" Dr. = n/a  
3/8" Dr. = 2.30"  
1/2" Dr. = 2.60"

Ratchets



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# Torque Tools

Cementex is driven to innovate and provide tools that make working safely the go-to option by engineering tools that fit the job requirements. The importance of following and meeting torque specifications is becoming more important by the day and are typically required in order to maintain manufacturer warranties on the equipment being worked on.

**National Electrical Code 2023 - 110.14(D) Terminal Connection Torque.** Tightening torque values for terminal connections shall be as indicated on equipment or in installation instructions provided by the manufacturer. An approved means shall be used to achieve the indicated torque value.

Cementex has the largest offering of torque tools in all the various configurations to work with our complete line of interchangeable tools. Talk about options, Torque Screwdrivers, Torque Wrenches in Inch-Pound, Foot-Pound, Newton-Meter with options including X-Drive®, Short Drive, Fixed Heads, Low Profile, Non-Ratcheting, Clock Wise only, and even Preset units. We have the tool you need to get the job done right.

As with all of our tools, we utilize quality American made base torque wrenches and apply our Cementex insulation coating creating the ultimate 1000V rated precision instruments. Should you need, we do offer replacement "boots".

Our torque tools all ship calibrated and require annual recalibration. We offer recalibration services, which include minor repairs if required for all of our units. Upon inspection, should major repairs be required a quote for the work would be provided. Warranties on our torque tools apply only to tools that have maintained their annual calibrations. Always store all adjustable models at their lowest torque setting without forcing below that setting.

CALIBRATION	
MODEL #	_____
SERIAL #	_____
DATE	_____ DUE _____



## Torque Screwdrivers

- Precision micrometer scale calibrated in Inch-Pounds, increments 1 inch-lbs.
- Easy-release bit holders featuring 1/4" Female hex drive securely retain bits during operation while permitting easy removal.
- Anti-backlash design for repeatability.
- Meets or exceeds ASME B107.14M and ISO 6789 specifications.
- Adjustable model accuracy is +/-4 of setting, starting at 20% of full scale.
- Clockwise (right-hand) only.



636TSDK



1050TSD

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
636TSD	6-36 In-Lbs Torque Screwdriver	6-36	*													Power Bits
636TSD140	6-36 In-Lbs Torque Screwdriver w/Boot	6-36	*													Power Bits
1050TSD	10-50 In-Lbs Torque Screwdriver	10-50	*													Power Bits

Torque Tools

RATED 1000 VAC 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# Torque Wrenches

Cementex Torque Wrenches are available with various configurations. To simplify the available offerings, we have identified these options in chart format, organized by the Size, or working range of the units. Each part number is listed and identifies the Scale of range whether it is Inch-Pound, Foot-Pound, Newton-Meter or a Preset. It then provides the appropriate Square Drive options of the unit including the Drive tang and Lever styles.

Part Number	Description	Range/Scale				Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short

If the configuration that you require is not listed within the chart or you wish to have it created as a kit and that option was not shown, contact your Cementex Dealer or Sales Representative to inquire about your request.



- Audible "click" and/or a few degrees of travel provide simple, fast indication of micrometer-accurate torque settings.
- Low friction torque control mechanism produces accurate readings in either direction.
- All torque wrenches have tolerance limits of +/-4 of in clockwise (right-hand) setting.
- Two calibration adjustments (major and fine) permit easy and precise torque settings. Most conventional torque wrenches only have one adjustment.
- Dual scale models give readings in Inch-Pound/Newton-Meter or Foot-Pound/Newton-Meter.
- Spring-loaded or Twist-locking collar locks scale on desired reading and remains in locked position. Wrench cannot be left inadvertently unlocked.
- Heavy-Duty, reversible ratchet models have quick-shift lever to allow easy single-hand shifting.
- Always store adjustable models at their lowest torque setting without forcing below lowest setting.
- Meets or exceeds ASME B107.14M and ISO 6789 specifications.



1050TW141

10-50 Working Range



Part Number	Description	Range/Scale				Square Drive			Tang/Lever Style				Drive Style			
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
1050TW141	1/4" SqDr 10-50 In-Lbs TW	10-50	*				*			*				*		
1050TW38NM	3/8" SqDr 10-50 NM TW	10-50			*		*		*					*		
1050TW38NM-SD	3/8" SqDr 10-50 NM TW	10-50			*		*		*					*		

1575TW38F



15-75 Working Range

Part Number	Description	Range/Scale				Square Drive			Tang/Lever Style				Drive Style			
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
1575TW12F	1/2" SqDr 15-75 Ft-Lbs TW	15-75	*				*		*					*		
1575TW12F-CW	1/2" SqDr 15-75 Ft-Lbs TW w/Clock Wise Rotation	15-75	*				*		*					*		
1575TW12F-CWSD	1/2" SqDr 15-75 Ft-Lbs TW Short Drive w/Clock Wise Rotation	15-75	*				*		*					*		
1575TW12F-LP	1/2" SqDr 15-75 Ft-Lbs TW Low-Profile Head	15-75	*				*		*					*		
1575TW12F-LPSD	1/2" SqDr 15-75 Ft-Lbs TW Low-Profile Head w/Short Drive	15-75	*				*		*					*		
1575TW12F-SD	1/2" SqDr 15-75 Ft-Lbs TW Short Drive	15-75	*				*		*					*		
1575TW38F	3/8" SqDr 15-75 Ft-Lbs TW	15-75	*				*		*					*		
1575TW38F-CW	3/8" SqDr 15-75 Ft-Lbs TW w/Clock Wise Rotation	15-75	*				*		*					*		
1575TW38F-CWSD	3/8" SqDr 15-75 Ft-Lbs TW Short Drive w/Clock Wise Rotation	15-75	*				*		*					*		
1575TW38F-LP	3/8" SqDr 15-75 Ft-Lbs TW Low-Profile Head	15-75	*				*		*					*		
1575TW38F-LPSD	3/8" SqDr 15-75 Ft-Lbs TW Low-Profile Head w/Short Drive	15-75	*				*		*					*		
1575TW38F-SD	3/8" SqDr 15-75 Ft-Lbs TW Short Drive	15-75	*				*		*					*		

Torque Wrenches



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# 30-150 Working Range

Within the Cementex 30-150 size range of torque wrenches there are two distinct head styles designed to meet task demands. We offer our compact head design and our innovative Cementex X-Drive® along with other head styles including fixed head options.

Torque Wrenches



30150TW381-NR



30150TW381 Series  
2.6" Head Depth  
12.5" Overall Length



30150UTW381 Series  
1.75" Head Depth  
10" Overall Length



30150TW716I

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
30150TW10MI	30-150 In-Lbs TW 10MM Ratcheting Head	30-150	*													10MM GW
30150TW12OI	30-150 In-Lbs TW 1/2" Ratcheting Head	30-150	*													1/2" GW
30150TW12F	1/2" SqDr 30-150 Ft-Lbs TW X-Drive Head	30-150		*					*				*			
30150TW12F-CW	1/2" SqDr 30-150 Ft-Lbs TW Clock-Wise X-Drive Head	30-150		*					*			*	*			
30150TW12F-LP	1/2" SqDr 30-150 Ft-Lbs TW Low-Profile X-Drive Head	30-150		*					*			*	*			
30150TW13MI	30-150 In-Lbs TW 13MM Ratcheting Head	30-150	*													13MM GW
30150TW14I	1/4" SqDr 30-150 In-Lbs TW X-Drive Head	30-150	*				*		*					*		
30150TW14I-CW	1/4" SqDr 30-150 In-Lbs TW Clock-Wise X-Drive Head	30-150	*				*		*			*	*			
30150TW14I-LP	1/4" SqDr 30-150 In-Lbs TW X-Drive Head	30-150	*				*		*			*	*			
30150TW14I-NR	1/4" SqDr 30-150 In-Lbs TW w/Non-Ratcheting Head	30-150	*				*		*			*	*			
30150TW17MOE	30-150 In-Lbs TW 17MM Open End Wrench	30-150	*													17MM OE
30150TW38OI	30-150 In-Lbs TW 3/8" Ratcheting Head	30-150	*													3/8" GW
30150TW38F	3/8" SqDr 30-150 Ft-Lbs TW X-Drive Head	30-150		*					*			*	*			
30150TW38F-CW	3/8" SqDr 30-150 Ft-Lbs TW Clock-Wise X-Drive Head	30-150		*					*			*	*			
30150TW38F-LP	3/8" SqDr 30-150 Ft-Lbs TW Low-Profile X-Drive Head	30-150		*					*			*	*			
30150TW38I	3/8" SqDr 30-150 In-Lbs TW X-Drive Head	30-150	*				*		*			*	*			
30150TW38I-CW	3/8" SqDr 30-150 In-Lbs TW w/Clock Wise Rotation X-Drive Head	30-150	*				*		*			*	*			
30150TW38I-LP	3/8" SqDr 30-150 In-Lbs TW X-Drive Head	30-150	*				*		*			*	*			
30150TW38I-NR	3/8" TW w/Non-Ratcheting Head	30-150	*				*		*			*	*			
30150TW716I	30-150 In-Lbs TW 7/16" Ratcheting Head	30-150	*													7/16" GW
30150TW716OE	30-150 In-Lbs TW 7/16" Open End Wrench	30-150	*													7/16" OE
30150TW916OE	30-150 In-Lbs TW 9/16" Open End Wrench	30-150	*													9/16" OE
30150TW38I-LPSD	3/8" SqDr 30-150 In-Lbs TW Low-Profile Head	30-150	*				*		*			*	*			
30150TW38I-CWSD	3/8" SqDr 30-150 In-Lbs TW w/Clock Wise Rotation	30-150	*				*		*			*	*			
30150UTW14I	1/4" SqDr 30-150 In-Lbs TW	30-150	*				*		*			*	*			
30150UTW14I-CW	1/4" SqDr 30-150 In-Lbs TW w/Clock Wise Rotation	30-150	*				*		*			*	*			
30150UTW14I-LP	1/4" SqDr 30-150 In-Lbs TW	30-150	*				*		*			*	*			
30150UTW14I-NR	1/4" SqDr 30-150 In-Lbs TW w/Non-Ratcheting Head	30-150	*				*		*			*	*			
30150UTW38I	3/8" SqDr 30-150 In-Lbs TW	30-150	*				*		*			*	*			
30150UTW38I-CW	3/8" SqDr 30-150 In-Lbs TW w/Clock Wise Rotation	30-150	*				*		*			*	*			
30150UTW38I-LP	3/8" SqDr 30-150 In-Lbs TW	30-150	*				*		*			*	*			
30150UTW38I-NR	3/8" SqDr 30-150 In-Lbs TW w/Non-Ratcheting Head	30-150	*				*		*			*	*			

# 40-200 Working Range



40200TW381



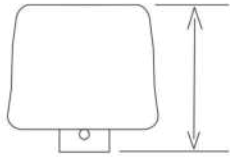
Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
40200TW12OI	40-200 In-Lbs TW 1/2" Ratcheting Head	40-200	*													1/2" GW
40200TW13MI	40-200 In-Lbs TW 13MM Ratcheting Head	40-200	*													13MM GW
40200TW14I	1/4" SqDr 40-200 In-Lbs TW	40-200	*				*		*			*	*			
40200TW14I-LP	1/4" SqDr 40-200 In-Lbs TW Low-Profile Head	40-200	*				*		*			*	*			
40200TW14I-CW	1/4" SqDr 40-200 In-Lbs TW w/Clock Wise Rotation	40-200	*				*		*			*	*			
40200TW38OI	40-200 In-Lbs TW 3/8" Ratcheting Head	40-200	*													3/8" GW
40200TW38I	3/8" SqDr 40-200 In-Lbs TW	40-200	*				*		*			*	*			
40200TW38I-CW	3/8" SqDr 40-200 In-Lbs TW w/Clock Wise Rotation	40-200	*				*		*			*	*			
40200TW38I-CWSD	3/8" SqDr 40-200 In-Lbs TW Short Drive w/Clock Wise Rotation	40-200	*				*		*			*	*			
40200TW38I-LP	3/8" SqDr 40-200 In-Lbs TW Low-Profile Head	40-200	*				*		*			*	*			
40200TW38I-LPSD	3/8" SqDr 40-200 In-Lbs TW Low-Profile Head w/Short Drive	40-200	*				*		*			*	*			
40200TW38I-SD	3/8" SqDr 40-200 In-Lbs TW Short Drive	40-200	*				*		*			*	*			
40200TW716I	40-200 In-Lbs TW 7/16" Ratcheting Head	40-200	*													7/16" GW

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts





## 50-250 Working Range

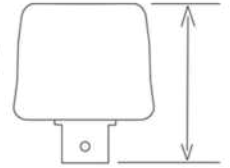


**Clockwise Profile Short Drive**

1/4" Dr. = 1.10"  
3/8" Dr. = 1.50"  
1/2" Dr. = 1.80"



**50250TW381-CWSD**



**Clockwise Profile Cementex X-Drive®**

1/4" Dr. = n/a  
3/8" Dr. = 2.00"  
1/2" Dr. = 2.50"

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
50250TW120I	50-250 In-Lbs TW 1/2" Ratcheting Head	50-250	*													1/2" GW
50250TW13MI	50-250 In-Lbs TW 13MM Ratcheting Head	50-250	*													13MM GW
50250TW380I	50-250 In-Lbs TW 3/8" Ratcheting Head	50-250	*													3/8" GW
50250TW381	3/8" SqDr 50-250 In-Lbs TW	50-250	*					*					*			
50250TW381-CW	3/8" SqDr 50-250 In-Lbs TW w/Clock Wise Rotation	50-250	*					*					*			
50250TW381-CWSD	3/8" SqDr 50-250 In-Lbs TW Short Drive w/Clock Wise Rotation	50-250	*					*					*			
50250TW381-LP	3/8" SqDr 50-250 In-Lbs TW Low-Profile Head	50-250	*					*					*			
50250TW381-LPSD	3/8" SqDr 50-250 In-Lbs TW Low-Profile Head w/Short Drive	50-250	*					*					*			
50250TW381-SD	3/8" SqDr 50-250 In-Lbs TW Short Drive	50-250	*					*					*			
50250TW716I	50-250 In-Lbs TW 7/16" Ratcheting Head	50-250	*													7/16" GW



## 150-750 Working Range

\*\*\*NOTE: Load Point is indicated on sleeve, aka as "Boot", of Torque Wrench to easily identify where testing should occur\*\*.

**150750TW381**

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
150750TW12I-CW	1/2" SqDr 150-750 In-Lbs TW w/Clock Wise Rotation	150-750	*					*					*			
150750TW12I	1/2" SqDr 150-750 In-Lbs TW	150-750	*					*					*			
150750TW12I-LP	1/2" SqDr 150-750 In-Lbs TW Low-Profile Head	150-750	*					*					*			
150750TW12I-LPSD	1/2" SqDr 150-750 In-Lbs TW Low-Profile Head w/Short Drive	150-750	*					*					*			
150750TW12I-SD	1/2" SqDr 150-750 In-Lbs TW Short Drive	150-750	*					*					*			
150750TW12I-CWSD	1/2" SqDr 150-750 In-Lbs TW Short Drive w/Clock Wise Rotation	150-750	*					*					*			
150750TW381	3/8" SqDr 150-750 In-Lbs TW	150-750	*					*					*			
150750TW381-CW	3/8" SqDr 150-750 In-Lbs TW w/Clock Wise Rotation	150-750	*					*					*			
150750TW381-CWSD	3/8" SqDr 150-750 In-Lbs TW Short Drive w/Clock Wise Rotation	150-750	*					*					*			
150750TW381-SD	3/8" SqDr 150-750 In-Lbs TW Short Drive	150-750	*					*					*			
150750TW381-LPSD	3/8" SqDr 150-750 In-Lbs TW Low-Profile Head w/Short Drive	150-750	*					*					*			
150750TW381-LP	3/8" SqDr 150-750 In-Lbs TW Low-Profile Head	150-750	*					*					*			

## Preset Torque Wrenches

Preset torque wrenches offer the ultimate convenience and effectiveness. No need for adjustments, its ready to go when you are. Be sure to indicate the setting that is required when ordering. If you don't see the preset option you require, contact your Cementex Dealer or Sales Representative for assistance.



**PSTW381-NR**

Part Number	Description	Range/Scale					Square Drive			Tang/Lever Style				Drive Style		
		Size	In. Lb.	Ft. Lb.	Nm	Preset	1/4"	3/8"	1/2"	Std	Low	CW	CCW	X Drive	Short	Fixed
PSTW120I	1/2" Ratcheting Head Preset In-Lb TW	For Preset	*			*										1/2" GW
PSTW13MI	13MM Ratcheting Head Preset In-Lb TW	For Preset	*			*										13MM GW
PSTW140I-NR	1/4" SqDr Preset In-Lb TW w/Non-Ratcheting Head	For Preset	*			*	*							*		
PSTW22MI	22MM Ratcheting Head Preset In-Lb TW	For Preset	*			*										22MM GW
PSTW380I	3/8" Ratcheting Head Preset In-Lb TW	For Preset	*			*										3/8" GW
PSTW716I	7/16" Ratcheting Head Preset In-Lb TW	For Preset	*			*										7/16" GW

Torque Wrenches

RATED  
1000 VAC  
1500 DC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



Tools comply with ASTM F1505 and IEC 60900 standards and help meet the requirements of OSHA 1910.331-335, NFPA 70E®, and CSA-Z462.

# Interchangeable Tool Compatibility

Cementex innovates. The innovation of our X-DRIVE® technology as well as our desire to make tools backward compatible, or for those that prefer or need our Short Drive design, has created a large variety of sockets, extensions and adapters. We've designed a compatibility chart to assist in the proper selection of tools based on the ratchet or torque wrench drive that is being connected to a style of socket. This outlines the proper insulation style configurations for proper compatibility, compliance and most importantly, safe coverage. The base tool construction options that are available are identified as well. As always, if you don't see what you are looking for, please contact your Cementex Dealer or Sales Representative for a solution.



## EXTENSION / ADAPTER / SOCKET COMPATIBILITY

### DRIVE SOCKET INSULATION STYLES

**BOOTED:**  
For connection to X-DRIVE® Ratchet

**FLUSH:**  
For connection to SHORT DRIVE Ratchet



X-DRIVE®



SHORT DRIVE

### BAR / ADAPTER DRIVE HEAD INSULATION STYLES

**TAPERED:**  
Mimicks the shape of X-DRIVE® Ratchet

**FLARED:**  
Mimicks the shape of SHORT DRIVE Ratchet



*\*Flush Connect sockets denoted as WO in part number\**

## Base Tool Construction

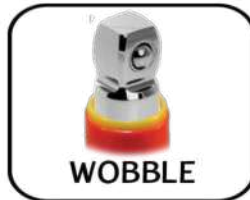
### Shank/Shaft Material

The base material of any socket, adapter or extension bar. Each material has its own benefits, depending on the task being performed.



### Drive Head Construction Options

The industry standard, Fixed drive head is also the Cementex standard. Unless otherwise noted or identified, drive heads will be fixed.



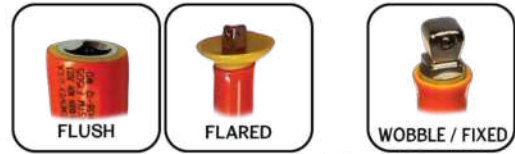
Both Wobble and Wobble / Fixed drive heads are available in a wide variety of insulation styles and shank / shaft materials. If you would like this feature included in an item, but don't see the part number, contact a Cementex Dealer or Sales Representative about making this happen.





True to our word, there are many varieties of extension bars. If you don't see the combination you require (size, style or base material), please contact your Cementex Dealer or Sales Representative for a solution.

## 1/4" Square Drive Extension Bars



Length	Flush Drive Socket / Flared Drive Head	Flared Drive Head / Flush Drive Socket WOBBLE/FIXED
	2"	IB14-2
3"	IB14-3	IB14-3WF
6"	IB14-6	IB14-6WF
10"	IB14-10	-



FX38-12

**\*\*NOTE:** Max torque values indicated individually on each fiberglass extension bar.

## 3/8" Square Drive Extension Bars



Length	Booted Drive Socket / Tapered Drive Head	Booted Drive Socket / Flared Drive Head	Flush Drive Socket / Tapered Drive Head	Flush Drive Socket / Flared Drive Head
	1.5"	IB38-1.5	IB38-1.5F	IB38-1.5 WO
3"	IB38-3*	IB38-3F*	IB38-3 WO*	IB38-3F WO*
6"	IB38-6*	IB38-6F*	IB38-6 WO*	IB38-6F WO*
10"	IB38-10	IB38-10F	IB38-10 WO	IB38-10F WO
12"	IB38-12	IB38-12F	IB38-12 WO	IB38-12F WO
20"	IB38-20	-	-	-

Length	Booted / Tapered	Booted / Flared	Flush / Tapered	Flush / Flared
4"	FX38-4	FX38-4F	FX38-4 WO	FX38-4F WO
6"	FX38-6	FX38-6F	FX38-6 WO	FX38-6F WO
8"	FX38-8	FX38-8F	FX38-8 WO	FX38-8F WO
12"	FX38-12	FX38-12F	FX38-12 WO	FX38-12F WO

## 1/2" Square Drive Extension Bars

Length	Booted / Tapered	Booted / Flared	Flush / Tapered	Flush / Flared
3"	IB12-3	IB12-3F	IB12-3 WO	IB12-3F WO
5"	IB12-5	IB12-5F	IB12-5 WO	IB12-5F WO
10"	IB12-10	IB12-10F	IB12-10 WO	IB12-10F WO

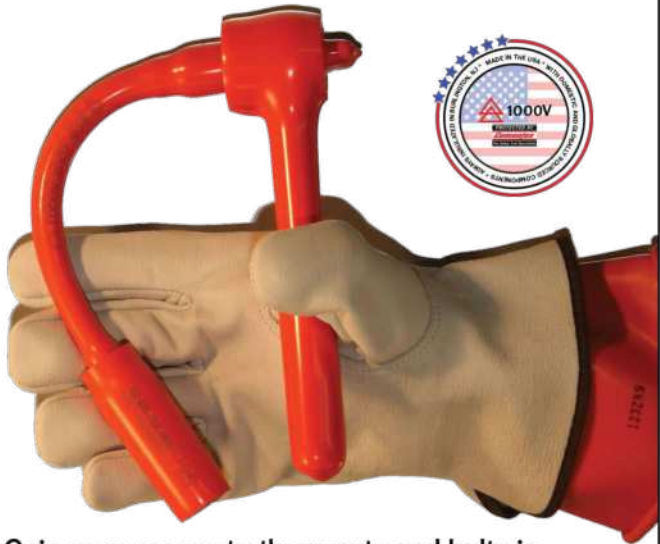
Length	Booted / Tapered	Booted / Flared	Flush / Tapered	Flush / Flared
5"	FX12-5	FX12-5F	FX12-5 WO	FX12-5F WO
6"	FX12-6	FX12-6F	FX12-6 WO	FX12-6F WO
8"	FX12-8	FX12-8F	FX12-8 WO	FX12-8F WO
14"	FX12-14	FX12-14F	FX12-14 WO	FX12-14F WO
20"	FX12-20	FX12-20F	FX12-20 WO	FX12-20F WO
24"	FX12-24	FX12-24F	FX12-24 WO	FX12-24F WO
30"	FX12-30	FX12-30F	FX12-30 WO	FX12-30F WO

\* Available in WOBBLE and WOBBLE / FIXED **43**



Tools comply with ASTM F1505 and IEC 60900 standards and help meet the requirements of OSHA 1910.331-335, NFPA 70E®, and CSA-Z462.

## Flexible Extension Bar



Gain easy access to those nuts and bolts in difficult locations. Make quick work of tough jobs with this truly unique and innovative tool.

PN \_\_\_\_\_ DESC \_\_\_\_\_  
 IB38-8F..... 3/8" Square Drive, 8" Flexible Extension Bar

## Fiberglass Extension Bar



This beast of an extension may be used with 1/2" square drive sockets and a variety of 3/4" wrench options (Box End, Geared, etc...)

PN \_\_\_\_\_ DESC \_\_\_\_\_  
 FX12-1224H....12" Fiberglass Extension Bar with  
 1/2" Square Drive Head and  
 3/4" Hex Drive Head

## Socket Adapters



14F38M



38F12M



38F12M WO



38F14M WO



38F14M



12F38M



12F38M WO

- PN \_\_\_\_\_ DESC \_\_\_\_\_
- 14F38M.....1/4" Female - 3/8" Male
  - 14F38M W/W.....1/4" Female - 3/8" Male Flared Drive Head
  - 38F14M.....3/8" Female - 1/4" Male
  - 38F14M W/W.....3/8" Female - 1/4" Male Flared Drive Head
  - 38F14M-6.....3/8" Female - 1/4" Male 6" OAL
  - 38F14M-2.75.....3/8" Female - 1/4" Male 2-3/4" OAL
  - 38F12M.....3/8" Female - 1/2" Male
  - 38F12M W/W.....3/8" Female - 1/2" Male Flared Drive Head
  - 38F12M WO.....3/8" Female Flush Connect Drive Socket - 1/2" Male
  - 12F38M.....1/2" Female - 3/8" Male with Boot
  - 12F38ML.....1/2" Female - 3/8" Male Extender
  - 12F38M-4.....1/2" Female - 3/8" Male 4" OAL
  - 12F38M WO.....1/2" Female Flush Connect Drive Socket - 3/8" Male
  - 12F34M.....1/2" Female - 3/4" Male
  - 34F12M.....3/4" Female - 2-1/4" Male

RATED 1000 VAC 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts





# Sockets

Cementex offers 1000V rated insulated sockets for use with insulated tools including; ratchets, torque wrenches, extensions bars, T-Handled square drives, breaker bars, etc.

Cementex's unique coating technique allows the socket to be shaped in a way that the insulation is slimmer at the point of contact with the nut or bolt. This allows Cementex insulated sockets to access equipment where other manufacturer's sockets won't fit.

Refer to our *Interchangeable Tool Compatibility information (pg 42)* to assess / confirm proper compatibility, compliance and coverage.

## 1/4" Square Drive: SAE

	<u>STANDARD</u>	<u>DEEP</u>
<u>SIZE</u>	<u>WALL</u>	<u>WALL</u>
5/32"	IS14-05	IS14-05L
3/16"	IS14-06	IS14-06L
7/32"	IS14-07	IS14-07L
1/4"	IS14-08	IS14-08L
9/32"	IS14-09	IS14-09L
5/16"	IS14-10	IS14-10L
11/32"	IS14-11	IS14-11L
3/8"	IS14-12	IS14-12L
7/16"	IS14-14	IS14-14L
1/2"	IS14-16	IS14-16L
9/16"	IS14-18	IS14-18L



## 1/4" Square Drive: Metric

	<u>STANDARD</u>	<u>DEEP</u>
<u>SIZE</u>	<u>WALL</u>	<u>WALL</u>
4mm	IS14-04M	IS14-04ML
4.5mm	IS14-4.5M	-----
5mm	IS14-05M	IS14-05ML
5.5mm	IS14-5.5M	IS14-5.5ML
6mm	IS14-06M	IS14-06ML
7mm	IS14-07M	IS14-07ML
8mm	IS14-08M	IS14-08ML
9mm	IS14-09M	IS14-09ML
10mm	IS14-10M	IS14-10ML
11mm	IS14-11M	IS14-11ML
12mm	IS14-12M	IS14-12ML
13mm	IS14-13M	IS14-13ML
14mm	IS14-14M	IS14-14ML
15mm	IS14-15M	IS14-15ML



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# 3/8" Square Drive: SAE



Sockets



## 6 Point

SIZE	STANDARD WALL	STANDARD WALL FLUSH CONNECT	DEEP WALL	DEEP WALL FLUSH CONNECT
1/4"	IS38-08 6PT	IS38-08 6PT WO	IS38-08L 6PT	IS38-08L 6PT WO
5/16"	IS38-10 6PT	IS38-10 6PT WO	IS38-10L 6PT	IS38-10L 6PT WO
3/8"	IS38-12 6PT	IS38-12 6PT WO	IS38-12L 6PT	IS38-12L 6PT WO
7/16"	IS38-14 6PT	IS38-14 6PT WO	IS38-14L 6PT	IS38-14L 6PT WO
1/2"	IS38-16 6PT	IS38-16 6PT WO	IS38-16L 6PT	IS38-16L 6PTWO
9/16"	IS38-18 6PT	IS38-18 6PT WO	IS38-18L 6PT	IS38-18L 6PT WO
5/8"	IS38-20 6PT	IS38-20 6PT WO	IS38-20L 6PT	IS38-20L 6PT WO
11/16"	IS38-22 6PT	IS38-22 6PT WO	IS38-22L 6PT	IS38-22L 6PT WO
3/4"	IS38-24 6PT	IS38-24 6PT WO	IS38-24L 6PT	IS38-24L 6PT WO
13/16"	IS38-26 6PT	IS38-26 6PT WO	IS38-26L 6PT	IS38-26L 6PT WO
7/8"	IS38-28 6PT	IS38-28 6PT WO	IS38-28L 6PT	IS38-28L 6PT WO
15/16"	IS38-30 6PT	IS38-30 6PT WO	IS38-30L 6PT	IS38-30L 6PT WO
1"	IS38-32 6PT	IS38-32 6PT WO	IS38-32L 6PT	IS38-32L 6PT WO

## 12 Point

SIZE	STANDARD WALL	STANDARD WALL FLUSH CONNECT	DEEP WALL	DEEP WALL FLUSH CONNECT
1/4"	IS38-08	IS38-08 12PT WO	IS38-08L	IS38-08L 12PT WO
5/16"	IS38-10	IS38-10 12PT WO	IS38-10L	IS38-10L 12PT WO
3/8"	IS38-12	IS38-12 12PT WO	IS38-12L	IS38-12L 12PT WO
7/16"	IS38-14	IS38-14 12PT WO	IS38-14L	IS38-14L 12PT WO
1/2"	IS38-16	IS38-16 12PT WO	IS38-16L	IS38-16L 12PT WO
9/16"	IS38-18	IS38-18 12PT WO	IS38-18L	IS38-18L 12PT WO
5/8"	IS38-20	IS38-20 12PT WO	IS38-20L	IS38-20L 12PT WO
11/16"	IS38-22	IS38-22 12PT WO	IS38-22L	IS38-22L 12PT WO
3/4"	IS38-24	IS38-24 12PT WO	IS38-24L	IS38-24L 12PT WO
13/16"	IS38-26	IS38-26 12PT WO	IS38-26L	IS38-26L 12PT WO
7/8"	IS38-28	IS38-28 12PT WO	IS38-28L	IS38-28L 12PT WO
15/16"	IS38-30	IS38-30 12PT WO	IS38-30L	IS38-30L 12PT WO
1"	IS38-32	IS38-32 12PT WO	IS38-32L	IS38-32L 12PT WO
1-1/16"	IS38-34	IS38-34 12PT WO	IS38-34L	IS38-34L 12PT WO
1-1/8"	IS38-36	IS38-36 12PT WO	IS38-36L	IS38-36L 12PT WO

\*\*Refer to our Interchangeable Tool Compatibility information (pg 42) to assess / confirm proper compatibility, compliance and coverage.\*\*

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts





# 3/8" Square Drive: Metric



## 6 Point

<u>SIZE</u>	<u>STANDARD WALL</u>	<u>STANDARD WALL FLUSH CONNECT</u>	<u>DEEP WALL</u>	<u>DEEP WALL FLUSH CONNECT</u>
5mm	IS38-05M 6PT	IS38-05M 6PT WO	IS38-05ML 6PT	IS38-05ML 6PT WO
6mm	IS38-06M 6PT	IS38-06M 6PT WO	IS38-06ML 6PT	IS38-06ML 6PT WO
7mm	IS38-07M 6PT	IS38-07M 6PT WO	IS38-07ML 6PT	IS38-07ML 6PT WO
8mm	IS38-08M 6PT	IS38-08M 6PT WO	IS38-08ML 6PT	IS38-08ML 6PT WO
9mm	IS38-09M 6PT	IS38-09M 6PT WO	IS38-09ML 6PT	IS38-09ML 6PT WO
10mm	IS38-10M 6PT	IS38-10M 6PT WO	IS38-10ML 6PT	IS38-10ML 6PT WO
11mm	IS38-11M 6PT	IS38-11M 6PT WO	IS38-11ML 6PT	IS38-11ML 6PT WO
12mm	IS38-12M 6PT	IS38-12M 6PT WO	IS38-12ML 6PT	IS38-12ML 6PT WO
13mm	IS38-13M 6PT	IS38-13M 6PT WO	IS38-13ML 6PT	IS38-13ML 6PT WO
14mm	IS38-14M 6PT	IS38-14M 6PT WO	IS38-14ML 6PT	IS38-14ML 6PT WO
15mm	IS38-15M 6PT	IS38-15M 6PT WO	IS38-15ML 6PT	IS38-15ML 6PT WO
16mm	IS38-16M 6PT	IS38-16M 6PT WO	IS38-16ML 6PT	IS38-16ML 6PT WO
17mm	IS38-17M 6PT	IS38-17M 6PT WO	IS38-17ML 6PT	IS38-17ML 6PT WO
18mm	IS38-18M 6PT	IS38-18M 6PT WO	IS38-18ML 6PT	IS38-18ML 6PT WO
19mm	IS38-19M 6PT	IS38-19M 6PT WO	IS38-19ML 6PT	IS38-19ML 6PT WO
20mm	IS38-20M 6PT	IS38-20M 6PT WO	IS38-20ML 6PT	IS38-20ML 6PT WO
21mm	IS38-21M 6PT	IS38-21M 6PT WO	IS38-21ML 6PT	IS38-21ML 6PT WO
22mm	IS38-22M 6PT	IS38-22M 6PT WO	IS38-22ML 6PT	IS38-22ML 6PT WO



## 12 Point

<u>SIZE</u>	<u>STANDARD WALL</u>	<u>STANDARD WALL FLUSH CONNECT</u>	<u>DEEP WALL</u>	<u>DEEP WALL FLUSH CONNECT</u>
5mm	IS38-05M	IS38-05M 12PT WO	IS38-05ML	IS38-05ML 12PT WO
6mm	IS38-06M	IS38-06M 12PT WO	IS38-06ML	IS38-06ML 12PT WO
7mm	IS38-07M	IS38-07M 12PT WO	IS38-07ML	IS38-07ML 12PT WO
8mm	IS38-08M	IS38-08M 12PT WO	IS38-08ML	IS38-08ML 12PT WO
9mm	IS38-09M	IS38-09M 12PT WO	IS38-09ML	IS38-09ML 12PT WO
10mm	IS38-10M	IS38-10M 12PT WO	IS38-10ML	IS38-10ML 12PT WO
11mm	IS38-11M	IS38-11M 12PT WO	IS38-11ML	IS38-11ML 12PT WO
12mm	IS38-12M	IS38-12M 12PT WO	IS38-12ML	IS38-12ML 12PT WO
13mm	IS38-13M	IS38-13M 12PT WO	IS38-13ML	IS38-13ML 12PT WO
14mm	IS38-14M	IS38-14M 12PT WO	IS38-14ML	IS38-14ML 12PT WO
15mm	IS38-15M	IS38-15M 12PT WO	IS38-15ML	IS38-15ML 12PT WO
16mm	IS38-16M	IS38-16M 12PT WO	IS38-16ML	IS38-16ML 12PT WO
17mm	IS38-17M	IS38-17M 12PT WO	IS38-17ML	IS38-17ML 12PT WO
18mm	IS38-18M	IS38-18M 12PT WO	IS38-18ML	IS38-18ML 12PT WO
19mm	IS38-19M	IS38-19M 12PT WO	IS38-19ML	IS38-19ML 12PT WO
20mm	IS38-20M	IS38-20M 12PT WO	IS38-20ML	IS38-20ML 12PT WO
21mm	IS38-21M	IS38-21M 12PT WO	IS38-21ML	IS38-21ML 12PT WO
22mm	IS38-22M	IS38-22M 12PT WO	IS38-22ML	IS38-22ML 12PT WO
23mm	IS38-23M	IS38-23M 12PT WO	IS38-23ML	IS38-23ML 12PT WO
24mm	IS38-24M	IS38-24M 12PT WO	IS38-24ML	IS38-24ML 12PT WO
25mm	IS38-25M	IS38-25M 12PT WO	IS38-25ML	IS38-25ML 12PT WO

Sockets

**RATED**  
1000 VAC / 1500 JOC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

\*\*Refer to our Interchangeable Tool Compatibility information (pg 42) to assess / confirm proper compatibility, compliance and coverage.\*\*



# 1/2" Square Drive: SAE

**\*\*Refer to our Interchangeable Tool Compatibility information (pg 42) to assess / confirm proper compatibility, compliance and coverage.\*\***

Sockets



RATED 1000 VAC 1500 VDC

## 6 Point

SIZE	STANDARD WALL	STANDARD WALL FLUSH CONNECT	DEEP WALL	DEEP WALL FLUSH CONNECT
5/16"	IS12-10 6PT	IS12-10 6PT WO	IS12-10L 6PT	IS12-10L 6PT WO
3/8"	IS12-12 6PT	IS12-12 6PT WO	IS12-12L 6PT	IS12-12L 6PT WO
7/16"	IS12-14 6PT	IS12-14 6PT WO	IS12-14L 6PT	IS12-14L 6PT WO
1/2"	IS12-16 6PT	IS12-16 6PT WO	IS12-16L 6PT	IS12-16L 6PT WO
9/16"	IS12-18 6PT	IS12-18 6PT WO	IS12-18L 6PT	IS12-18L 6PT WO
5/8"	IS12-20 6PT	IS12-20 6PT WO	IS12-20L 6PT	IS12-20L 6PT WO
11/16"	IS12-22 6PT	IS12-22 6PT WO	IS12-22L 6PT	IS12-22L 6PT WO
3/4"	IS12-24 6PT	IS12-24 6PT WO	IS12-24L 6PT	IS12-24L 6PT WO
13/16"	IS12-26 6PT	IS12-26 6PT WO	IS12-26L 6PT	IS12-26L 6PT WO
7/8"	IS12-28 6PT	IS12-28 6PT WO	IS12-28L 6PT	IS12-28L 6PT WO
15/16"	IS12-30 6PT	IS12-30 6PT WO	IS12-30L 6PT	IS12-30L 6PT WO
1"	IS12-32 6PT	IS12-32 6PT WO	IS12-32L 6PT	IS12-32L 6PT WO
1-1/16"	IS12-34 6PT	IS12-34 6PT WO	IS12-34L 6PT	IS12-34L 6PT WO
1-1/8"	IS12-36 6PT	IS12-36 6PT WO	IS12-36L 6PT	IS12-36L 6PT WO
1-3/16"	IS12-38 6PT	IS12-38 6PT WO	IS12-38L 6PT	IS12-38L 6PT WO
1-1/4"	IS12-40 6PT	IS12-40 6PT WO	IS12-40L 6PT	IS12-40L 6PT WO
1-5/16"	IS12-42 6PT	IS12-42 6PT WO	IS12-42L 6PT	IS12-42L 6PT WO
1-3/8"	IS12-44 6PT	IS12-44 6PT WO	IS12-44L 6PT	IS12-44L 6PT WO
1-7/16"	IS12-46 6PT	IS12-46 6PT WO	IS12-46L 6PT	IS12-46L 6PT WO
1-1/2"	IS12-48 6PT	IS12-48 6PT WO	IS12-48L 6PT	IS12-48L 6PT WO
1-9/16"	IS12-50 6PT	IS12-50 6PT WO	IS12-50L 6PT	IS12-50L 6PT WO

## 12 Point

SIZE	STANDARD WALL	STANDARD WALL FLUSH CONNECT	DEEP WALL	DEEP WALL FLUSH CONNECT
1/4"	IS12-08	IS12-08 12PT WO	IS12-08L	IS12-08L 12PT WO
5/16"	IS12-10	IS12-10 12PT WO	IS12-10L	IS12-10L 12PT WO
3/8"	IS12-12	IS12-12 12PT WO	IS12-12L	IS12-12L 12PT WO
7/16"	IS12-14	IS12-14 12PT WO	IS12-14L	IS12-14L 12PT WO
1/2"	IS12-16	IS12-16 12PT WO	IS12-16L	IS12-16L 12PT WO
9/16"	IS12-18	IS12-18 12PT WO	IS12-18L	IS12-18L 12PT WO
5/8"	IS12-20	IS12-20 12PT WO	IS12-20L	IS12-20L 12PT WO
11/16"	IS12-22	IS12-22 12PT WO	IS12-22L	IS12-22L 12PT WO
3/4"	IS12-24	IS12-24 12PT WO	IS12-24L	IS12-24L 12PT WO
13/16"	IS12-26	IS12-26 12PT WO	IS12-26L	IS12-26L 12PT WO
7/8"	IS12-28	IS12-28 12PT WO	IS12-28L	IS12-28L 12PT WO
15/16"	IS12-30	IS12-30 12PT WO	IS12-30L	IS12-30L 12PT WO
1"	IS12-32	IS12-32 12PT WO	IS12-32L	IS12-32L 12PT WO
1-1/16"	IS12-34	IS12-34 12PT WO	IS12-34L	IS12-34L 12PT WO
1-1/8"	IS12-36	IS12-36 12PT WO	IS12-36L	IS12-36L 12PT WO
1-3/16"	IS12-38	IS12-38 12PT WO	IS12-38L	IS12-38L 12PT WO
1-1/4"	IS12-40	IS12-40 12PT WO	IS12-40L	IS12-40L 12PT WO
1-5/16"	IS12-42	IS12-42 12PT WO	IS12-42L	IS12-42L 12PT WO
1-3/8"	IS12-44	IS12-44 12PT WO	IS12-44L	IS12-44L 12PT WO
1-7/16"	IS12-46	IS12-46 12PT WO	IS12-46L	IS12-46L 12PT WO
1-1/2"	IS12-48	IS12-48 12PT WO	IS12-48L	IS12-48L 12PT WO
1-9/16"	IS12-50	IS12-50 12PT WO	IS12-50L	IS12-50L 12PT WO
1-5/8"	IS12-52	IS12-52 12PT WO	IS12-52L	IS12-52L 12PT WO
1-11/16"	IS12-54	IS12-54 12PT WO	IS12-54L	IS12-54L 12PT WO
1-3/4"	IS12-56	IS12-56 12PT WO	IS12-56L	IS12-56L 12PT WO

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts





# 1/2" Square Drive: Metric

\*\*Refer to our Interchangeable Tool Compatibility information (pg 42) to assess / confirm proper compatibility, compliance and coverage.\*\*

## 6 Point

SIZE__	STANDARD WALL	STANDARD WALL FLUSH CONNECT	DEEP WALL	DEEP WALL FLUSH CONNECT
8mm	IS12-08M 6PT	IS12-08M 6PT WO	IS12-08ML 6PT	IS12-08ML 6PT WO
9mm	IS12-09M 6PT	IS12-09M 6PT WO	IS12-09ML 6PT	IS12-09ML 6PT WO
10mm	IS12-10M 6PT	IS12-10M 6PT WO	IS12-10ML 6PT	IS12-10ML 6PT WO
11mm	IS12-11M 6PT	IS12-11M 6PT WO	IS12-11ML 6PT	IS12-11ML 6PT WO
12mm	IS12-12M 6PT	IS12-12M 6PT WO	IS12-12ML 6PT	IS12-12ML 6PT WO
13mm	IS12-13M 6PT	IS12-13M 6PT WO	IS12-13ML 6PT	IS12-13ML 6PT WO
14mm	IS12-14M 6PT	IS12-14M 6PT WO	IS12-14ML 6PT	IS12-14ML 6PT WO
15mm	IS12-15M 6PT	IS12-15M 6PT WO	IS12-15ML 6PT	IS12-15ML 6PT WO
16mm	IS12-16M 6PT	IS12-16M 6PT WO	IS12-16ML 6PT	IS12-16ML 6PT WO
17mm	IS12-17M 6PT	IS12-17M 6PT WO	IS12-17ML 6PT	IS12-17ML 6PT WO
18mm	IS12-18M 6PT	IS12-18M 6PT WO	IS12-18ML 6PT	IS12-18ML 6PT WO
19mm	IS12-19M 6PT	IS12-19M 6PT WO	IS12-19ML 6PT	IS12-19ML 6PT WO
20mm	IS12-20M 6PT	IS12-20M 6PT WO	IS12-20ML 6PT	IS12-20ML 6PT WO
21mm	IS12-21M 6PT	IS12-21M 6PT WO	IS12-21ML 6PT	IS12-21ML 6PT WO
22mm	IS12-22M 6PT	IS12-22M 6PT WO	IS12-22ML 6PT	IS12-22ML 6PT WO
23mm	IS12-23M 6PT	IS12-23M 6PT WO	IS12-23ML 6PT	IS12-23ML 6PT WO
24mm	IS12-24M 6PT	IS12-24M 6PT WO	IS12-24ML 6PT	IS12-24ML 6PT WO
25mm	IS12-25M 6PT	IS12-25M 6PT WO	IS12-25ML 6PT	IS12-25ML 6PT WO
26mm	IS12-26M 6PT	IS12-26M 6PT WO	IS12-26ML 6PT	IS12-26ML 6PT WO
27mm	IS12-27M 6PT	IS12-27M 6PT WO	IS12-27ML 6PT	IS12-27ML 6PT WO
28mm	IS12-28M 6PT	IS12-28M 6PT WO	IS12-28ML 6PT	IS12-28ML 6PT WO
29mm	IS12-29M 6PT	IS12-29M 6PT WO	IS12-29ML 6PT	IS12-29ML 6PT WO
30mm	IS12-30M 6PT	IS12-30M 6PT WO	IS12-30ML 6PT	IS12-30ML 6PT WO
32mm	IS12-32M 6PT	IS12-32M 6PT WO	IS12-32ML 6PT	IS12-32ML 6PT WO
36mm	IS12-36M 6PT	IS12-36M 6PT WO	IS12-36ML 6PT	IS12-36ML 6PT WO



## 12 Point

SIZE__	STANDARD WALL	STANDARD WALL FLUSH CONNECT	DEEP WALL	DEEP WALL FLUSH CONNECT
8mm	IS12-08M	IS12-08M 12PT WO	IS12-08ML	IS12-08ML 12PT WO
9mm	IS12-09M	IS12-09M 12PT WO	IS12-09ML	IS12-09ML 12PT WO
10mm	IS12-10M	IS12-10M 12PT WO	IS12-10ML	IS12-10ML 12PT WO
11mm	IS12-11M	IS12-11M 12PT WO	IS12-11ML	IS12-11ML 12PT WO
12mm	IS12-12M	IS12-12M 12PT WO	IS12-12ML	IS12-12ML 12PT WO
13mm	IS12-13M	IS12-13M 12PT WO	IS12-13ML	IS12-13ML 12PT WO
14mm	IS12-14M	IS12-14M 12PT WO	IS12-14ML	IS12-14ML 12PT WO
15mm	IS12-15M	IS12-15M 12PT WO	IS12-15ML	IS12-15ML 12PT WO
16mm	IS12-16M	IS12-16M 12PT WO	IS12-16ML	IS12-16ML 12PT WO
17mm	IS12-17M	IS12-17M 12PT WO	IS12-17ML	IS12-17ML 12PT WO
18mm	IS12-18M	IS12-18M 12PT WO	IS12-18ML	IS12-18ML 12PT WO
19mm	IS12-19M	IS12-19M 12PT WO	IS12-19ML	IS12-19ML 12PT WO
20mm	IS12-20M	IS12-20M 12PT WO	IS12-20ML	IS12-20ML 12PT WO
21mm	IS12-21M	IS12-21M 12PT WO	IS12-21ML	IS12-21ML 12PT WO
22mm	IS12-22M	IS12-22M 12PT WO	IS12-22ML	IS12-22ML 12PT WO
23mm	IS12-23M	IS12-23M 12PT WO	IS12-23ML	IS12-23ML 12PT WO
24mm	IS12-24M	IS12-24M 12PT WO	IS12-24ML	IS12-24ML 12PT WO
25mm	IS12-25M	IS12-25M 12PT WO	IS12-25ML	IS12-25ML 12PT WO
26mm	IS12-26M	IS12-26M 12PT WO	IS12-26ML	IS12-26ML 12PT WO
27mm	IS12-27M	IS12-27M 12PT WO	IS12-27ML	IS12-27ML 12PT WO
28mm	IS12-28M	IS12-28M 12PT WO	IS12-28ML	IS12-28ML 12PT WO
29mm	IS12-29M	IS12-29M 12PT WO	IS12-29ML	IS12-29ML 12PT WO
30mm	IS12-30M	IS12-30M 12PT WO	IS12-30ML	IS12-30ML 12PT WO
32mm	IS12-32M	IS12-32M 12PT WO	IS12-32ML	IS12-32ML 12PT WO
36mm	IS12-36M	IS12-36M 12PT WO	IS12-36ML	IS12-36ML 12PT WO

Sockets



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# Penta



IS38-26 PENTA

Penta sockets, also known as 5-point sockets, are used as tamper-resistant fasteners because they don't have two opposite sides. These 1000V rated sockets are extra thick for increased impact.

Additional sizes available upon request.

SIZE	<u>3/8" Drive</u> STD WALL	<u>1/2" Drive</u> STD WALL
13/16"	IS38-26 PENTA	IS12-26 PENTA

# Impact



Impact sockets are made with extra-thick sidewalls to withstand the shock and vibration of each impact. Beaks and / or cracks are prevented by the chrome molybdenum steel, which adds elasticity to the socket. Impact sockets have sidewalls that are 50% thicker than standard sockets, and are finished in a black oxide finish. Impact sockets are suitable for use with pneumatic impact tools, such as electric or pneumatic wrenches, to remove seized nuts and bolts. They are less shatter-prone and anti-corrosive.

If you do not see the size that you need, simply ask and we will do our best to provide it.

SAE	<u>3/8" Drive</u> 6 Point STD WALL	<u>3/8" Drive</u> 6 Point DEEP WALL	<u>1/2" Drive</u> 6 Point DEEP WALL	METRIC	<u>3/8" Drive</u> 6 Point STD WALL
	1/2"	IS38-16-IMPACT	IS38-16L-IMPACT		IS12-16L-IMPACT
9/16"	IS38-18-IMPACT	IS38-18L-IMPACT	IS12-18L-IMPACT	12mm	IS38-12M-IMPACT
5/8"	IS38-20-IMPACT	IS38-20L-IMPACT	IS12-20L-IMPACT	13mm	IS38-13M-IMPACT
3/4"	IS38-24-IMPACT	IS38-24L-IMPACT	IS12-24L-IMPACT	14mm	IS38-14M-IMPACT
1-1/2"	-	IS38-48L-IMPACT	IS12-48L-IMPACT	15mm	IS38-15M-IMPACT
1-9/16"	-	IS38-50L-IMPACT	IS12-50L-IMPACT	16mm	IS38-16M-IMPACT
1-5/8"	-	IS38-52L-IMPACT	IS12-52L-IMPACT	17mm	IS38-17M-IMPACT
1-11/16"	-	IS38-54L-IMPACT	IS12-54L-IMPACT	18mm	IS38-18M-IMPACT
1-5/8"	-	IS38-56L-IMPACT	IS12-56L-IMPACT	19mm	IS38-19M-IMPACT

# Crows Foot Wrench



Crows Foot Wrenches are used with a ratchet or torque wrench to access fasteners in tight or hard-to-reach spaces. They are particularly useful for reaching nuts / bolts obstructed by other components. Additional sizes available upon request.

<u>3/8" Square Drive</u>			
SIZE	SAE	SIZE	Metric
7/16"	ICFW38-716	10mm	ICFW38-10M
1/2"	ICFW38-120	12mm	ICFW38-12M
9/16"	ICFW38-916	13mm	ICFW38-13M
5/8"	ICFW38-580	17mm	ICFW38-17M
3/4"	ICFW38-340	19mm	ICFW38-19M





# Flat Tip Screw Driver Bit Sockets



Driver Bit Sockets

	<b>1/4" Square Drive</b>				<b>3/8" Square Drive</b>				<b>1/2" Square Drive</b>			
	<b>3" LENGTH</b>		<b>6" LENGTH</b>		<b>3" LENGTH</b>		<b>6" LENGTH</b>		<b>3" LENGTH</b>		<b>6" LENGTH</b>	
	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>
<b>1/4"</b>	IF14-140	IF14-140 WO	IF14-140XL	IF14-140XL WO	IF38-140	IF38-140 WO	IF38-140XL	IF38-140XL WO	IF12-140L	IF12-140L WO	IF12-140XL	IF12-140XL WO
<b>5/16"</b>	IF14-516	IF14-516 WO	IF14-516XL	IF14-516XL WO	IF38-516	IF38-516 WO	IF38-516XL	IF38-516XL WO	IF12-516L	IF12-516L WO	IF12-516XL	IF12-516XL WO
<b>3/8"</b>	IF14-380	IF14-380 WO	IF14-380XL	IF14-380XL WO	IF38-380	IF38-380 WO	IF38-380XL	IF38-380XL WO	IF12-380L	IF12-380L WO	IF12-380XL	IF12-380XL WO
<b>1/2"</b>	IF14-120	IF14-120 WO	IF14-120XL	IF14-120XL WO	IF38-120	IF38-120 WO	IF38-120XL	IF38-120XL WO	IF12-120L	IF12-120L WO	IF12-120XL	IF12-120XL WO

# Phillips Tip Screw Driver Bit Sockets



	<b>1/4" Square Drive</b>				<b>3/8" Square Drive</b>				<b>1/2" Square Drive</b>			
	<b>3" LENGTH</b>		<b>6" LENGTH</b>		<b>3" LENGTH</b>		<b>6" LENGTH</b>		<b>3" LENGTH</b>		<b>6" LENGTH</b>	
	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>
<b>#1</b>	IP14-01	IP14-01 WO	IP14-01XL	IP14-01XL WO	IP38-01	IP38-01 WO	IP38-01XL	IP38-01XL WO	IP12-01L	IP12-01L WO	IP12-01XL	IP12-140XL WO
<b>#2</b>	IP14-02	IP14-02 WO	IP14-02XL	IP14-02XL WO	IP38-02	IP38-02 WO	IP38-02XL	IP38-02XL WO	IP12-02L	IP12-02L WO	IP12-02XL	IP12-516XL WO
<b>#3</b>	IP14-03	IP14-03 WO	IP14-03XL	IP14-03XL WO	IP38-03	IP38-03 WO	IP38-03XL	IP38-03XL WO	IP12-03L	IP12-03L WO	IP12-03XL	IP2-380XL WO
<b>#4</b>	-	-	-	-	-	-	-	-	IP12-04L	IP12-04L WO	IP12-04XL	IP12-120XL WO

RATED 1000 VAC 1500 DC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

# Torx® Bit Sockets



	<b>1/4" Square Drive</b>				<b>3/8" Square Drive</b>				<b>1/2" Square Drive</b>			
	<b>3" LENGTH</b>		<b>6" LENGTH</b>		<b>3" LENGTH</b>		<b>6" LENGTH</b>		<b>3" LENGTH</b>		<b>6" LENGTH</b>	
	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>
<b>T8</b>	IT14-T8	IT14-T8 WO	IT14-T8XL	IT14-T8XL WO	IT38-T8	IT38-T8 WO	IT38-T8XL	IT38-T8XL WO	IT12-T8	IT12-T8 WO	IT12-T8XL	IT12-T8XL WO
<b>T10</b>	IT14-T10	IT14-T10 WO	IT14-T10XL	IT14-T10XL WO	IT38-T10	IT38-T10 WO	IT38-T10XL	IT38-T10XL WO	IT12-T10	IT12-T10 WO	IT12-T10XL	IT12-T10XL WO
<b>T15</b>	IT14-T15	IT14-T15 WO	IT14-T15XL	IT14-T15XL WO	IT38-T15	IT38-T15 WO	IT38-T15XL	IT38-T15XL WO	IT12-T15	IT12-T15 WO	IT12-T15XL	IT12-T15XL WO
<b>T20</b>	IT14-T20	IT14-T20 WO	IT14-T20XL	IT14-T20XL WO	IT38-T20	IT38-T20 WO	IT38-T20XL	IT38-T20XL WO	IT12-T20	IT12-T20 WO	IT12-T20XL	IT12-T20XL WO
<b>T25</b>	IT14-T25	IT14-T25 WO	IT14-T25XL	IT14-T25XL WO	IT38-T25	IT38-T25 WO	IT38-T25XL	IT38-T25XL WO	IT12-T25	IT12-T25 WO	IT12-T25XL	IT12-T25XL WO
<b>T27</b>	IT14-T27	IT14-T27 WO	IT14-T27XL	IT14-T27XL WO	IT38-T27	IT38-T27 WO	IT38-T27XL	IT38-T27XL WO	IT12-T27	IT12-T27 WO	IT12-T27XL	IT12-T27XL WO
<b>T30</b>	IT14-T30	IT14-T30 WO	IT14-T30XL	IT14-T30XL WO	IT38-T30	IT38-T30 WO	IT38-T30XL	IT38-T30XL WO	IT12-T30	IT12-T30 WO	IT12-T30XL	IT12-T30XL WO
<b>T40</b>	IT14-T40	IT14-T40 WO	IT14-T40XL	IT14-T40XL WO	IT38-T40	IT38-T40 WO	IT38-T40XL	IT38-T40XL WO	IT12-T40	IT12-T40 WO	IT12-T40XL	IT12-T40XL WO
<b>T45</b>	IT14-T45	IT14-T45 WO	IT14-T45XL	IT14-T45XL WO	IT38-T45	IT38-T45 WO	IT38-T45XL	IT38-T45XL WO	IT12-T45	IT12-T45 WO	IT12-T45XL	IT12-T45XL WO
<b>T50</b>	IT14-T50	IT14-T50 WO	IT14-T50XL	IT14-T50XL WO	IT38-T50	IT38-T50 WO	IT38-T50XL	IT38-T50XL WO	IT12-T50	IT12-T50 WO	IT12-T50XL	IT12-T50XL WO
<b>T55</b>	IT14-T55	IT14-T55 WO	IT14-T55XL	IT14-T55XL WO	IT38-T55	IT38-T55 WO	IT38-T55XL	IT38-T55XL WO	IT12-T55	IT12-T55 WO	IT12-T55XL	IT12-T55XL WO

# Square Drive Bit Sockets



	<b>3/8" Square Drive</b>			
	<b>3" LENGTH</b>		<b>6" LENGTH</b>	
	<b>BOOTED</b>	<b>FLUSH</b>	<b>BOOTED</b>	<b>FLUSH</b>
<b>#0</b>	ID38-0	ID38-0 WO	ID38-0XL	ID38-0XL WO
<b>#1</b>	ID38-1	ID38-1 WO	ID38-1XL	ID38-1XL WO
<b>#2</b>	ID38-2	ID38-2 WO	ID38-2XL	ID38-2XL WO
<b>#3</b>	ID38-3	ID38-3 WO	ID38-3XL	ID38-3XL WO



# Hex Bit Sockets

Cementex Hex Bit Sockets are now available in our standard “Booted” style as well as in our “Flush Connect” configuration. This “Booted” style matches that of our standard sockets and is designed for direct connection to the Cementex X-Drive® ratchets, torque wrenches, and standard extension bars; providing complete coverage of conductive materials. All 1/4” square drive sockets from Cementex are only offered as the “Flush Connect” style.

Refer to our Interchangeable Tool Compatibility information (pg 42) to assess / confirm proper compatibility, compliance and coverage.

Hex Bit Sockets



## 1/4” Square Drive SAE

SIZE	3” LENGTH	6” LENGTH
3/16”	IH14-06	IH14-06XL
7/32”	IH14-07	IH14-07XL
1/4”	IH14-08	IH14-08XL
5/16”	IH14-10	IH14-10XL
3/8”	IH14-12	IH14-12XL
7/16”	IH14-14	IH14-14XL
1/2”	IH14-16	IH14-16XL

RATED  
1000 VAC  
1500 VDC



## 3/8” Square Drive SAE

SIZE	3” Length		6” Length	
	Booted	Flush Connect	Booted	Flush Connect
1/8”	IH38-04	IH38-04 WO	IH38-04XL	IH38-04XL WO
9/64”	IH38-4.5	IH38-4.5 WO	IH38-4.5XL	IH38-4.5XL WO
5/32”	IH38-05	IH38-05 WO	IH38-05XL	IH38-05XL WO
3/16”	IH38-06	IH38-06 WO	IH38-06XL	IH38-06XL WO
7/32”	IH38-07	IH38-07 WO	IH38-07XL	IH38-07XL WO
1/4”	IH38-08	IH38-08 WO	IH38-08XL	IH38-08XL WO
5/16”	IH38-10	IH38-10 WO	IH38-10XL	IH38-10XL WO
3/8”	IH38-12	IH38-12 WO	IH38-12XL	IH38-12XL WO
7/16”	IH38-14	IH38-14 WO	IH38-14XL	IH38-14XL WO
1/2”	IH38-16	IH38-16 WO	IH38-16XL	IH38-16XL WO
9/16”	IH38-18	IH38-18 WO	IH38-18XL	IH38-18XL WO
5/8”	IH38-20	IH38-20 WO	IH38-20XL	IH38-20XL WO
3/4”	IH38-24	IH38-24 WO	IH38-24XL	IH38-24XL WO
7/8”	IH38-28	IH38-28 WO	IH38-28XL	IH38-28XL WO

## 1/2” Square Drive

SIZE	3” Length		6” Length	
	Booted	Flush Connect	Booted	Flush Connect
1/4”	IH12-08	IH12-08 WO	IH12-08XL	IH12-08XL WO
5/16”	IH12-10	IH12-10 WO	IH12-10XL	IH12-10XL WO
3/8”	IH12-12	IH12-12 WO	IH12-12XL	IH12-12XL WO
7/16”	IH12-14	IH12-14 WO	IH12-14XL	IH12-14XL WO
1/2”	IH12-16	IH12-16 WO	IH12-16XL	IH12-16XL WO
9/16”	IH12-18	IH12-18 WO	IH12-18XL	IH12-18XL WO
5/8”	IH12-20	IH12-20 WO	IH12-20XL	IH12-20XL WO
3/4”	IH12-24	IH12-24 WO	IH12-24XL	IH12-24XL WO



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts





### 1/4" Square Drive Metric

SIZE	3" LENGTH	6" LENGTH
4mm	IH14-04M	IH14-04MXL
5mm	IH14-05M	IH14-05MXL
6mm	IH14-06M	IH14-06MXL
7mm	IH14-07M	IH14-07MXL
8mm	IH14-08M	IH14-08MXL
9mm	IH14-09M	IH14-09MXL
10mm	IH14-10M	IH14-10MXL

**\*\*Refer to our Interchangeable Tool Compatibility information (pg 42) to assess / confirm proper compatibility, compliance and coverage.\*\***

### 3/8" Square Drive Metric

SIZE	3" Length		6" Length	
	Booted	Flush Connect	Booted	Flush Connect
4mm	IH38-04M	IH38-04M WO	IH38-04MXL	IH38-04MXL WO
5mm	IH38-05M	IH38-05M WO	IH38-05MXL	IH38-05MXL WO
6mm	IH38-06M	IH38-06M WO	IH38-06MXL	IH38-06MXL WO
7mm	IH38-07M	IH38-07M WO	IH38-07MXL	IH38-07MXL WO
8mm	IH38-08M	IH38-08M WO	IH38-08MXL	IH38-08MXL WO
9mm	IH38-09M	IH38-09M WO	IH38-09MXL	IH38-09MXL WO
10mm	IH38-10M	IH38-10M WO	IH38-10MXL	IH38-10MXL WO
11mm	IH38-11M	IH38-11M WO	IH38-11MXL	IH38-11MXL WO
12mm	IH38-12M	IH38-12M WO	IH38-12MXL	IH38-12MXL WO
13mm	IH38-13M	IH38-13M WO	IH38-13MXL	IH38-13MXL WO
14mm	IH38-14M	IH38-14M WO	IH38-14MXL	IH38-14MXL WO

### 1/2" Square Drive Metric

SIZE	3" Length		6" Length	
	Booted	Flush Connect	Booted	Flush Connect
6mm	IH12-06M	IH12-06M WO	IH12-06MXL	IH12-06MXL WO
7mm	IH12-07M	IH12-07M WO	IH12-07MXL	IH12-07MXL WO
8mm	IH12-08M	IH12-08M WO	IH12-08MXL	IH12-08MXL WO
10mm	IH12-10M	IH12-10M WO	IH12-10MXL	IH12-10MXL WO
11mm	IH12-11M	IH12-11M WO	IH12-11MXL	IH12-11MXL WO
12mm	IH12-12M	IH12-12M WO	IH12-12MXL	IH12-12MXL WO
14mm	IH12-14M	IH12-14M WO	IH12-14MXL	IH12-14MXL WO
16mm	IH12-16M	IH12-16M WO	IH12-16MXL	IH12-16MXL WO
17mm	IH12-17M	IH12-17M WO	IH12-17MXL	IH12-17MXL WO
18mm	IH12-18M	IH12-18M WO	IH12-18MXL	IH12-18MXL WO



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# 1/4" Square Drive Socket Sets



ISS14-13L

Kit PN#	Ratchet	Ext Bars	Sockets	Socket Sizes
ISS14-9L	IR14-LC	2" 3" 6"	6-Pt Deep Wall	3/16" 1/4" 5/16" 3/8" 7/16"
ISS14-13	IR14-LC	3" 6"	6-Pt Std Wall	3/16" 7/32" 1/4" 9/32" 5/16" 11/32" 3/8" 7/16" 1/2" 9/16"
ISS14-13L	IR14-LC	3" 6"	6-Pt Deep Wall	3/16" 7/32" 1/4" 9/32" 5/16" 11/32" 3/8" 7/16" 1/2" 9/16"
ISS14-14	IR14-LC	3" 6"	6-Pt Std Wall	5/32" 3/16" 7/32" 1/4" 9/32" 5/16" 11/32" 3/8" 7/16" 1/2" 9/16"

## Metric (All kits Include Driver Roll Pouch 6)

Kit PN#	Ratchet	Ext Bars	Sockets	Socket Sizes
ISS14-13M	IR14-LC	2" 3" 6"	6-Pt Std Wall	5 6 7 8 9 10 11 12 13
ISS14-13ML	IR14-LC	2" 3" 6"	6-Pt Deep Wall	6 7 8 9 10 11 12 13 15
ISS14-14M	IR14-LC	2" 3" 6"	6-Pt Std Wall	4 5 6 7 8 9 10 11 12 13 14



ISS14-18



Driver Roll Pouch 6

## Combo

Kit PN#	Ratchet	Ext Bars	Sockets	Socket Sizes
ISS14-18	IR14-LC	2" 6"	6-Pt Std Wall 3" SAE Hex Bit	3/16" 1/4" 9/32" 5/16" 11/32" 3/8" 7/16" 1/2" 9/16" 3/16" 7/32" 1/4" 5/16"

Driver Roll Pouch 6

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

RATED 1000 VAC 1500 VDC

Socket Sets



# 3/8" Square Drive Socket Sets



**ISS38-11 with Driver Roll Pouch 6**



**ISS38-16L with Blow Molded Case Large**

Socket Sets

**RATED**  
1000 VAC / 1500 JOC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

## 12 - Point Standard Wall - SAE

<u>Kit PN#</u>	<u>Ratchet</u>	<u>Ext Bars</u>	<u>Socket Sizes</u>							<u>Case</u>		
ISS38-8	N/A	3"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	Driver Roll Pouch 6		
ISS38-9	IR38-LC		3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	Zippered Pouch	
ISS38-10		5/16" 3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	Zippered Pouch	
ISS38-11	IR38-LC	3" 6"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	Driver Roll Pouch 6	
ISS38-14	IR38-LC	3" 6"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8" 15/16" 1"	Driver Roll Pouch 6

## 12 - Point Deep Wall - SAE

<u>Kit PN#</u>	<u>Ratchet</u>	<u>Ext Bars</u>	<u>Socket Sizes</u>							<u>Case</u>		
ISS38-11L	IR38-LC	3" 6"	3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	Driver Roll Pouch 6	
ISS38-11L-SO			3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8" 15/16" 1"	Driver Roll Pouch 6
ISS38-13L	IR38-LC	3" 6" 5/16" 3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8"	Driver Roll Pouch 6	
ISS38-16L	IR38-LC	3" 6" 1/4" 5/16" 3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8" 15/16" 1"	Blow Molded Case, Small	

## 12 - Point Standard Wall - SAE

<u>Kit PN#</u>	<u>Ratchet</u>	<u>Ext Bars</u>	<u>Socket Sizes</u>							<u>Case</u>	
ISS38-16	IR38-LC	3" 6" 1/4" 5/16" 3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	7/8" 15/16" 1"	N/A

## 12 - Point Standard Wall Flush Connect - SAE

ISS38-8 W/O			3/8"	7/16"	1/2"	9/16"	5/8"	11/16"	3/4"	13/16"	Zippered Pouch
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# 3/8" Square Drive Socket Sets

Socket Sets



**ISS38-16M W/O**  
loose in  
**Snap Closure Case 501**



**ISS38-10M with**  
**Zippered Pouch**

RATED 1000 VAC 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

## 12 - Point Standard Wall - Metric

Kit PN#	Ratchet	Ext Bars	Socket Sizes	Case
ISS38-4M	IR38-LC	3" 6"	10 13 17 19	
ISS38-8M	IR38-LC	3" 6"	9 10 11 12 13	Driver Roll Pouch 6
ISS38-9M	IR38-LC		10 12 13 14 15 16 18 19	Driver Roll Pouch 6
ISS38-10M			10 11 12 13 14 15 16 17 18 19	Zippered Pouch
ISS38-11M	IR38-LC	3" 6"	10 12 13 14 15 16 18 19	Driver Roll Pouch 6
ISS38-13M	IR38-LC	3"	10 11 12 13 14 15 16 17 18 19 22	Driver Roll Pouch 8

## 12 - Point Deep Wall - Metric

Kit PN#	Ratchet	Ext Bars	Socket Sizes	Case
ISS38-10ML			10 11 12 13 14 15 16 17 18 19	Driver Roll Pouch 6
ISS38-13ML	IR38-LC	3"	10 11 12 13 14 15 16 17 18 19 22	Driver Roll Pouch 8
ISS38-13ML-SO			10 11 12 13 14 15 16 17 18 19 20 21 22	Driver Roll Pouch 6
ISS38-14ML	IR38-LC	3" 6"	9 10 11 12 13 14 15 16 17 18 19	Driver Roll Pouch 6
ISS38-15ML	IR38-LC	3" 6"	7 8 9 10 11 12 13 14 15 16 17 18 19	Driver Roll Pouch 6
ISS38-19M	IR38-LC	3" 6"	10 11 12 13 14 15 16 17 18 19 20 21 22	Driver Roll Pouch 6

## 6 - Point Standard Wall - Metric

Kit PN#	Ratchet	Ext Bars	Socket Sizes	Case
ISS38-19M 6PT	IR38-LC	3" 6"	10 11 12 13 14 15 16 17 18 19 20 21 22	Driver Roll Pouch 6

## 6 - Point Deep Wall - Metric

Kit PN#	Ratchet	Ext Bars	Socket Sizes	Case
ISS38-3ML			6 7 8	Zippered Pouch
ISS38-11ML			9 10 11 12 13 14 15 16 17 18 19	Zippered Pouch

## 12 - Point Standard Wall Flush Connect - Metric

Kit PN#	Ratchet	Ext Bars	Socket Sizes	Case
ISS38-16M W/O	IR38-LC	3" 6"	7 8 9 10 11 12 13 14 15 16 17 18 19	Snap Closure Case 501



# 3/8" Square Drive Hex Bit Socket Sets



**ISHS-30L**

Socket Sets



Rated 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

## SAE

Kit PN#	Ratchet	Ext Bars	Sockets	Socket Sizes	Case
<b>IHBS38-4</b>			3" Hex Bit	1/4" 5/16" 3/8" 7/16"	Zippered Pouch
<b>IHBS38-7</b>			3" Hex Bit	1/8" 3/16" 1/4" 5/16" 3/8" 7/16" 1/2"	Zippered Pouch
<b>IHBS38-9</b>			3" Hex Bit	1/8" 5/32" 3/16" 7/32" 1/4" 5/16" 3/8" 7/16" 1/2"	Zippered Pouch
<b>IHBS38-13</b>	IR38-LC	3" 6"	3" Hex Bit	1/8" 9/64" 5/32" 3/16" 7/32" 1/4" 5/16" 3/8" 7/16" 1/2"	Pocket Pouch 8
<b>IHBS38-7XL</b>			6" Hex Bit	3/16" 7/32" 1/4" 5/16" 3/8" 7/16" 1/2"	Zippered Pouch
<b>IHSS38-7TW</b>	30150TW38I:Torque		3" Hex Bit 6" Hex Bit	5/16" 3/8" 7/16" 5/16" 3/8" 7/16"	Zippered Pouch

## Metric

Kit PN#	Ratchet	Ext Bars	Sockets	Socket Sizes	Case
<b>IHBS38-3M</b>			3" Hex Bit	6 7 8	Zippered Pouch
<b>IHBS38-7M</b>			3" Hex Bit	6 7 8 9 10 11 12	Zippered Pouch
<b>IHBS38-7MXL</b>			6" Hex Bit	6 7 8 9 10 11 12	Zippered Pouch
<b>IHBS38-8M</b>			3" Hex Bit	6 7 8 9 10 11 12 14	Zippered Pouch

## Combo Hex Bit and Socket Sets

Sockets and Hex bits in this kit are booted while the extension bars are flush connect to allow non-X-Drive® compatibility.

\*\*\* all sockets included in combo kits below are 12 Pt. 6 Pt. available upon request.

Kit PN#	Ratchet	Ext Bars	Sockets	Socket Sizes	Case
<b>ISHS-20L</b>	IR38-LC	3" 6"	3" Hex Bit Deep Wall Flush	1/8" 5/32" 3/16" 7/32" 1/4" 5/16" 3/8" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8"	Blow Molded Case, Small
<b>ISHS-30L</b>	IR38-LC	3" 6"	3" Hex Bit Std Wall Flush Deep Wall Flush	1/8" 5/32" 3/16" 7/32" 1/4" 5/16" 3/8" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16"	Snap Closure Case 70I



# 1/2" Square Drive Socket Sets



ISS12-12

Driver Roll Pouch 6

## SAE (All kits include 12 Point Sockets unless otherwise noted)

Kit PN#	Ratchet	Ext Bars	Sockets	Socket Sizes	Case	
ISS12-11L-SO	N/A	N/A	Deep Wall	3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" 1"	Driver Roll Pouch 6	
ISS12-12	IR12-LC	5" 10"	Std Wall	1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" 1"	Driver Roll Pouch 6	
ISS12-12L	IR12-LC	5" 10"	Deep Wall	1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" 1"	Pocket Pouch 12	
ISS12-21 W/O	IR12-LC	(5" flush/ flared)	Std Wall, Flush Conn Deep Wall, Flush Conn	3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" 1-1/32" 1-1/4"	1-1/8" 1-5/16" 1-3/8" 1-7/16" 1-1/2"	Snap Closure Case 701

## Metric

Kit PN#	Ratchet	Ext Bars	Sockets	Socket Sizes	Case
ISS12-12M	IR12-LC	5" 10"	Std Wall	12 14 16 18 19 21 22 24 25	Pocket Pouch 12
ISS12-18M	IR12-LC	5" 10"	Std Wall	7 8 9 10 11 12 13 14 15 16 17 18 19 20 21	Pocket Pouch 12



IHBS12-6R



## Hex Bit Socket Sets

Kit PN#	Ratchet	Ext Bars	Sockets	Socket Sizes	Case
IHBS12-6	-	-	3" Hex Bit	1/4" 5/16" 3/8" 7/16" 1/2" 9/16"	
IHBS12-6R	IR12-LC	5"	3" Hex Bit	5/16" 3/8" 7/16" 1/2"	Driver Roll Pouch 6
IHBS12-8	-	-	3" Hex Bit	1/4" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 3/4"	Driver Roll Pouch 6

## Hex Bit / Socket Combo Sets

Kit PN#	Ratchet	Ext Bars	Sockets	Socket Sizes	Case
ISHS12-13	-	5"	3" Hex Bit Std Wall	5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16"	Snap Closure Case 601
ISHS-25	IR12-LC	5"	3" Hex Bit	1/4" 5/16" 3/8" 7/16" 1/2" 9/16" 5/8" 3/4"	20" Tool Box
	TW12-DR		Std Wall	3/8" 7/16" 1/2" 9/16" 5/8" 11/16" 3/4" 13/16" 7/8" 15/16" 1"	

Socket Sets

RATED 1000VAC 1500VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# Socket Rail System

Socket Rail System

The Cementex Socket Rail System delivers sanity to your tool kits. No more digging through your bag or box to find the right drive, size or style socket, adapter or extension!

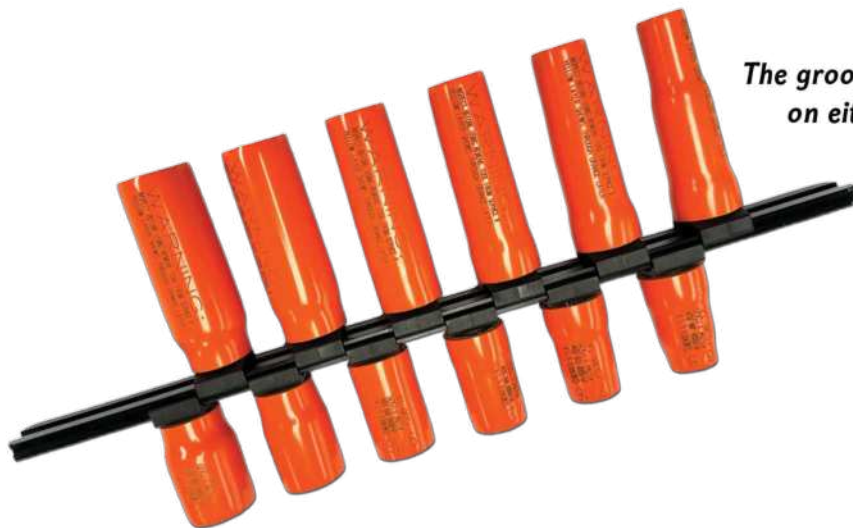
Our socket rail system consists of a socket rail paired with socket clips providing the ultimate alternative for socket storage.

- Rails come in two lengths either 9" or 13".
- Clips are sold in 4 packs for 1/4", 3/8" or 1/2" square drive.



The versatility is the beauty of the system, you build your own. The possibilities are endless, well almost, with all the socket styles and options we offer. You can combine any square drive by utilizing the appropriate sized drive clips. Mix and match. All sockets SAE or Metric, all styles (booted, flush connect, standard length or deep wall), extensions or adapters work.

The grooves on each clip will work on either side of socket rail.



CPSRS-CLIP38-4

CPSRS-RAIL9

CPSRS-RAIL13

PN	DESC
CPSRS-RAIL9.....	Cementex Socket Rail System: 9" Length Rail
CPSRS-RAIL13.....	Cementex Socket Rail System: 13" Length Rail
CPSRS-CLIP14-4.....	Cementex Socket Rail System: 1/4" SqDr Socket Clips (pack of 4)
CPSRS-CLIP38-4...	Cementex Socket Rail System: 3/8" SqDr Socket Clips (pack of 4)
CPSRS-CLIP12-4....	Cementex Socket Rail System: 1/2" SqDr Socket Clips (pack of 4)

RATED  
1000 VAC  
1500 DC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



## Secure-A-Tool Lanyards

Like a fall harness for your tools. For those occasions when an accidental tool drop is not an option. Secure-A-Tool lanyards\* work in conjunction with equipped hand tools (with Loop); providing a secure leash between you and your tool. All tools may be upgraded to include "loop". Contact us for details.



**P9SCNE**  
with loop  
and lanyard

**IR38-LC**  
with loop

**BEW-24**  
with loop



PN	DESC
CPSTL-100.....10"	Secure-A-Tool Lanyard
CPSTL-105.....10"	Secure-A-Tool Lanyard with Elastic Strap
CPSTL-10W...	Lanyard Wrist Strap

\*Lanyard styles are subject to change from shown based on availability.

## Fuse Pullers

All Cementex fuse pullers are tested and marked with 1000V double triangles for your peace of mind.



**PFP-1**

PN	DESC	FUSE SIZE CAPABILITY
PFP-0.....	4-1/2" Fuse Puller (without Guards)	9/32" - 1"
PFP-0G...	7-1/4" Fuse Puller with Guards	9/16" - 1"
PFP-1.....	7-1/2" Fuse Puller (without Guards)	1/2" - 1"
PFP-2G...	7-1/2" Fuse Puller with Guards	1/4" - 1/2"
PFP-3.....	11-3/4" Fuse Puller (without Guards)	3/4" - 2-1/2"

## Measuring Tools



The use of metal measuring tapes is one of the most common causes of Arc Flash and accidental contact with energized conductors. These measuring tools are 100% non-conductive eliminating that potential completely.

PN	DESC
CTM-33.....33'	Fully Non-Conductive Fiberglass Measuring Tape
CP6FFR.....6'	Fiberglass Folding Measuring Stick: 1000V

## Composite Extension Bit

Composite extension bits are water and wear resistant. The rugged extension bit is reinforced with fiberglass for strength. The Female end has a 1/4" brass sleeve to protect the magnetic pull of our recessed magnet. The 1/4" Male hex end (back side) can be used in a variety of ways.



**CPBXT7**

**CAUTION: Do Not Over Torque**

PN	DESC
CPBXT7...	7" Composite Magnetic Extension Bit

## Multi Range Wrench



These 1000V rated tools may be used for both SAE and Metric sizes and offer a simple solution to a wide range of situations. They provide a firm grip of clean bolts as well as those damaged or corroded. With just two size options these tools cover bolts 5/16" to 7/8" SAE or 8MM to 22MM.

PN	DESC
IMRW-S.....	Multi Range Wrench - Small 5/16" - 1/2" (8-13MM)
IMRW-L.....	Multi Range Wrench - Large 9/16" - 7/8" (14-22MM)



## Tubing Cutters



For use with aluminum and copper tubing. Up to 1-1/2" capacity.

NOT A VOLTAGE RATED TOOL

PN \_\_\_\_\_ DESC \_\_\_\_\_  
TC-150.... 1-1/2" Capacity Tubing Cutter



## Voltage Detector

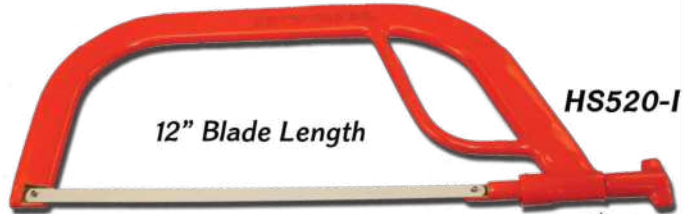


- Detects 50 - 1000V AC with visual and audio alert
- Touch tip to connection point or move along insulated wire

PN \_\_\_\_\_ DESC \_\_\_\_\_  
CPVD..... Single Pole Voltage Detector



## Hack Saws



PN \_\_\_\_\_ DESC \_\_\_\_\_  
HS15-170I.. 3-1/2" Cutting Depth Hack Saw  
HS520-I.... 5-1/2" Cutting Depth Hack Saw



## Plug Wrench

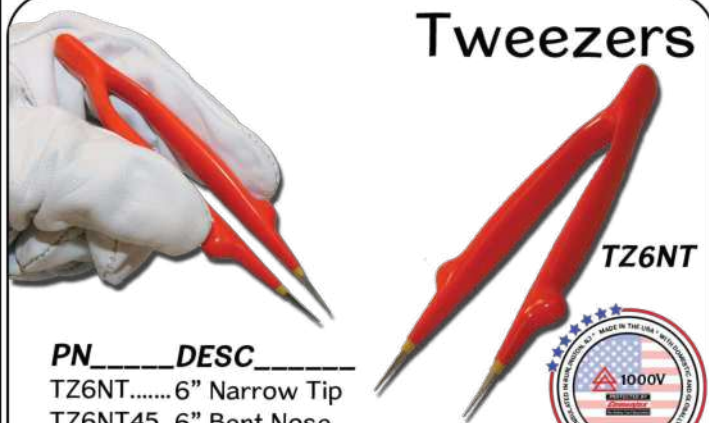


For installation and removal of D-shaped screw-in fuses.

PN \_\_\_\_\_ DESC \_\_\_\_\_  
PW10.... Plug Wrench



## Tweezers



PN \_\_\_\_\_ DESC \_\_\_\_\_  
TZ6NT..... 6" Narrow Tip  
TZ6NT45.. 6" Bent Nose



## Dual Hex Ratcheting Wrench

1000V Rated dual hex wrench with reversing lever for use in the Industrial and Utility industries.

Additional sizes available upon request.

PN \_\_\_\_\_ DESC \_\_\_\_\_  
RBWH-140X516... 1/4" x 5/16" Dual Ratcheting Wrench



## Fixed Head Hex Ratchet

For Pad Mount work and use in the Industrial and Utility industries.

Additional sizes available upon request.

NOT A VOLTAGE RATED TOOL

PN \_\_\_\_\_ DESC \_\_\_\_\_  
IR38-516H... 5/16" Hex Ratchet







# Inspection Mirrors

Specialty Tools



**IM-325I-F12**

You can depend on Cementex 1000V inspection mirrors. Round or rectangular with flexible handles and in two lengths ensuring the safest working conditions in more scenarios. Newly redesigned and completely covered in insulation, we've eliminated gaps, sleeves and covered pivot points. Mirrors include protective cover. This new generation of inspection mirrors provides superior protection for both the worker and equipment.

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_

IM-225I-F12..... 2-1/4" Round Inspection Mirror-Flexible 12" OAL

IM-225I-F25..... 2-1/4" Round Inspection Mirror-Flexible 25" OAL

IM-225I-MC..... 2-1/4" Round Series Replacement Mirror Cover

IM-325I-F12..... 3-1/4" Round Inspection Mirror-Flexible 12" OAL

IM-325I-F25..... 3-1/4" Round Inspection Mirror-Flexible 25" OAL

IM-325I-MC..... 3-1/4" Round Seires Replacement Mirror Cover

IMR-225I-F12.... 2-1/4" Rectangular Inspection Mirror-Flexible 12" OAL

IMR-225I-F25... 2-1/4" Rectangular Inspection Mirror-Flexible 25" OAL

IMR-225I-MC.... 2-1/4" Rectangular Series Replacement Mirror Cover

*\*\*\*Previous Generation Inspection Mirrors and Replacement Mirrors are still available as Custom Order, contact Cementex Customer Service for help.\*\*\**



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

# Flashlights

As directed by OSHA and guided by NFPA 70E, employees shall not enter spaces where electrical hazards exist unless illumination is provided that enables the employee to do the work safely. Cementex eliminates the potential hazard of worker's placing their light source in their mouth by offering 1000V rated insulated MINI MAGLITE® flashlights.

- Easily replace batteries
- Average lumens 140.0
- Adjustable light beams:  
Wide Flood to Intense Spotlight



**FLED-7I**

**FLED-9I**

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_

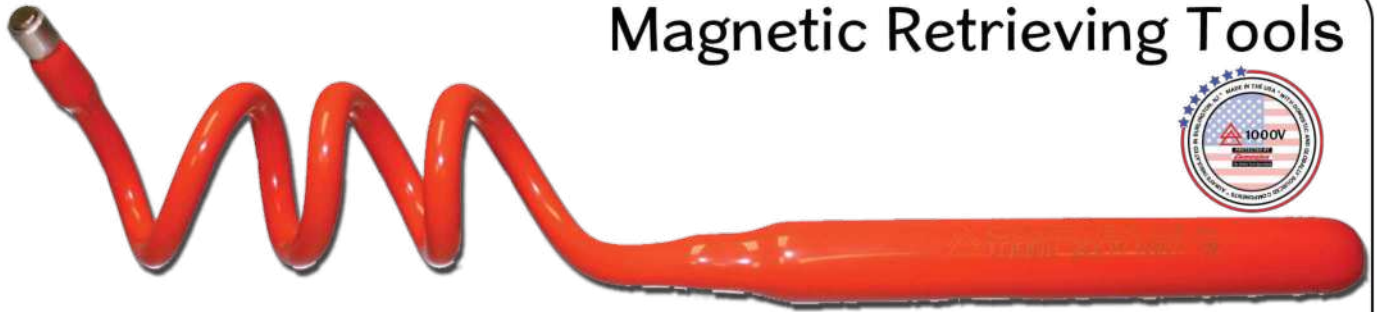
FLED-7I..... LED Mini Maglite Flashlight: 7"

FLED-9I..... LED Maglite Flashlight: 9"





# Magnetic Retrieving Tools



**MRT-18**

This flexible shaft tool has a strong magnetized tip able to pick up sockets, not to mention nuts and screws which may fall inside a panel. With 5-pound pulling strength we know this will be invaluable in your tool box.

<b>PN</b>	<b>DESC</b>
MRT-18.....	18" Magnetic Retrieving Tool with 18" Flexible Wand
MRT-32.....	32" Magnetic Retrieving Tool with 18" Flexible Wand

# Magnetic Retrieving Tool with LED



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

And, as if the flexible magnetic retrieving tool, itself, wasn't enough, we went ahead and made our 18" super useful tool even more useful by adding a rechargeable LED light at the tip. This eliminates the need to have a light on your head, in your hand or in your mouth, it is lighting exactly where you need it - looking for that lost screw, nut or tool.



*Light provides well-balanced beam with its 5-sided glowing CSP LED and easily twists off and on*

- Max output: 150 Lumens - Fully tighten tail cap to access
  - 15 minutes before dropping to 50% of charge
- Low output: 5 Lumens - Slightly tighten tail cap to access
  - 6 hours before dropping to 50% of charge

*Insulation Cap and Magnet tip remove to allow full recharge in 75 minutes*

- Fully loosen tail cap to expose Micro-USB charger port (cord included)

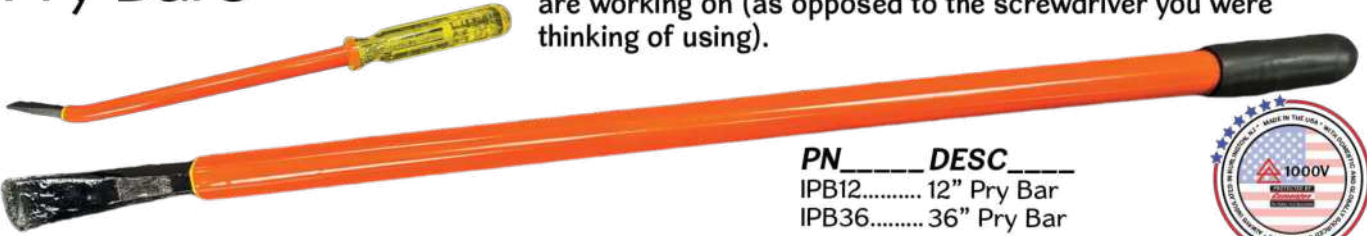


<b>PN</b>	<b>DESC</b>
MRT-18-LED.....	18" Magnetic Retrieving Tool with 18" Flexible Wand and Rechargeable LED Light



## Pry Bars

The appropriate leverage required to pry open whatever you are working on (as opposed to the screwdriver you were thinking of using).



PN \_\_\_\_\_ DESC \_\_\_\_\_  
 IPB12..... 12" Pry Bar  
 IPB36..... 36" Pry Bar



## Reset Tool

The Reset Tool allows access outside of restricted approach boundary to reset switch gear - making your work tasks even safer.



PN \_\_\_\_\_ DESC \_\_\_\_\_  
 R15BRT-CG... 15" Button Reset Tool with Round Tip

## Knives



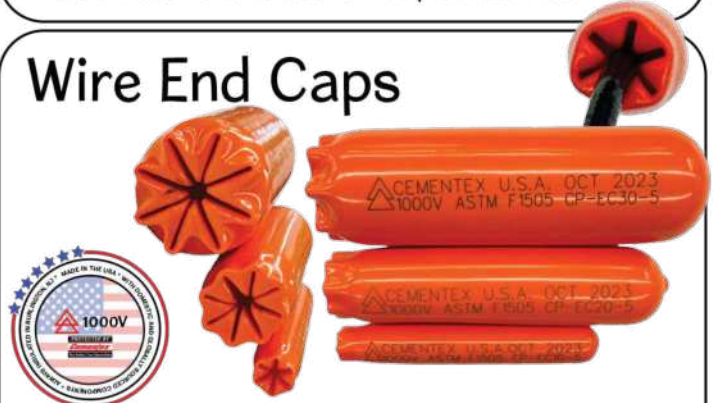
PN \_\_\_\_\_ DESC \_\_\_\_\_  
 IEK10..... Electrician's Knife (Includes Cap)  
 IEK20..... 9" Linesmen's Knife  
 CSK-10\*.... 10" Skinning Knife (NOT A VOLTAGE RATED TOOL)

## Scratch Awls



PN \_\_\_\_\_ DESC \_\_\_\_\_  
 SA-35L.... 3-1/2" Shank Cushion Grip Scratch Awl  
 SA-6L.... 6" Shank Cushion Grip Scratch Awl

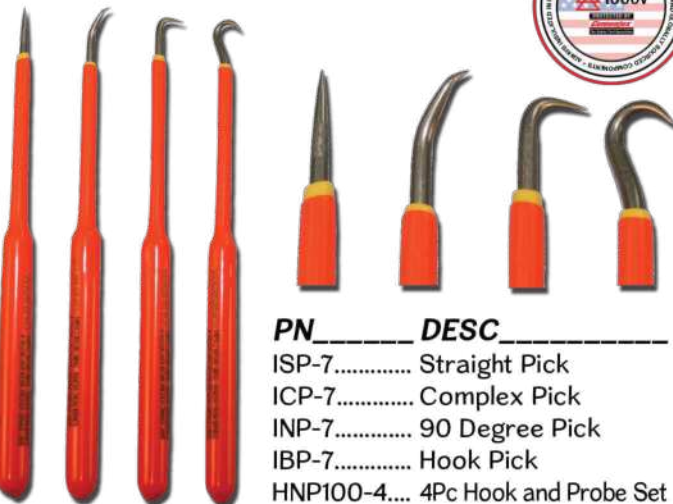
## Wire End Caps



Slip-on caps cover bare, energized cable ends. Featuring Cementex "Octo-Grip" self-clamping system to ensure the best hold possible without a need for additional tools. Rated to 1000 VAC / 1500 VDC these caps are a great safety device for use with battery and stored energy systems often seen in Hybrid / EV vehicles.

PN \_\_\_\_\_ DESC \_\_\_\_\_  
 CP-EC10-5.... 10MM ID x 3" Overall Length (5 pack)  
 CP-EC20-5.... 20MM ID x 3.75" Overall Length (5 pack)  
 CP-EC30-5.... 30MM ID x 4.25" Overall Length (5 pack)  
 CP-EC60-5.... 60MM ID x 7" Overall Length (5 pack)

## Hooks and Probes



PN \_\_\_\_\_ DESC \_\_\_\_\_  
 ISP-7..... Straight Pick  
 ICP-7..... Complex Pick  
 INP-7..... 90 Degree Pick  
 IBP-7..... Hook Pick  
 HNP100-4.... 4Pc Hook and Probe Set

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts







## Knock Out Tool

Custom designed to safely remove cross arm bolts from utility poles.



Features fiberglass shank with metal tip and handle with bump protection and guard.

NOT A VOLTAGE RATED TOOL

PN \_\_\_\_\_ DESC \_\_\_\_\_  
CPI-KOT18...Knock Out Tool: 18" OAL

## Magnetizer

Magnetize or De-Magnetize screwdriver tips or insert bits easily. Simply insert tool to be magnetized into the smallest hole possible. Immediate magnetization to pick up and hold screws.

Screwdriver Compatibility:

- Slotted
- Phillips
- Torx/Star
- Robertson/Square
- Tamper Resistant

Includes convenient carabiner to attach to tool bag or belt.



PN \_\_\_\_\_ DESC \_\_\_\_\_  
CP-SDMT..... Screwdriver Magnetizer Tool



## Meter Tools

Allows safe removal of meter from its base.



PN \_\_\_\_\_ DESC \_\_\_\_\_  
CMP-10.....10" Meter Popper

Allows safe service changes on older Duncan-style meter bases.



PN \_\_\_\_\_ DESC \_\_\_\_\_  
JW200.... Jumper Wrench

Just enough blade, with all the safety needed, to break open meter seal.



PN \_\_\_\_\_ DESC \_\_\_\_\_  
SBI-1..... Seal Breaker

Complete your tool box with the perfect options to safely open a battery lid when necessary to test the water.

## Battery Openers



CCST6-CG-L

PN \_\_\_\_\_ DESC \_\_\_\_\_  
CCST6-CG-S.... Battery Lid Popper 1/2" Blade x 6"  
CCST6-CG-M... Battery Lid Popper 5/8" Blade x 6"  
CCST6-CG-L.... Battery Lid Popper 3/4" Blade x 6"  
CCST6-CG-XL.. Battery Lid Popper 1-1/8" Blade x 6"



IVSRT-1

\*works excellent on Deka Unigy battery

PN \_\_\_\_\_ DESC \_\_\_\_\_  
IVSRT-1.....Valve Shroud Remover



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# Tool Kits

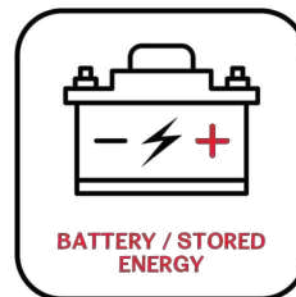
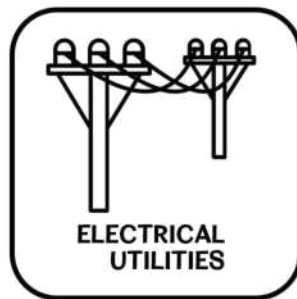
We have assembled the most commonly used tool configurations to best meet the needs and requirements of as many qualified electrical professionals as possible. The combinations in this section have been refined throughout the 60 plus years we have been building tools and protecting the American workforce.

With that noted, we also identify with the individual and the specific jobs they perform. For those that require a little something different than the standard, or something “a bit more”, Cementex has got you covered. We can create specific tool combinations, specialty boxes and bags, all the way to custom foam tool inserts and tool trays. While the options aren’t “limitless”, they are pretty close.

Contact a Cementex Dealer or Sales Representative to begin the quick and easy process to design a Custom Tool Kit. Our Customer Service team is able to design kits and get you linked up with our rep and distributor.



Live Electrical work is only to be done by qualified professionals. The majority of those qualified professionals are within the General Electrical Industry. Electric power, however is a component of many industries and continues to become a more significant one at that. While all of our kits are made for qualified professionals of any industry, we are creating combinations, specifically called for by these additional and emerging industries. To easily identify these kits we have developed the icons below. These different icons will be listed next to kits throughout this section, that have been developed for that industry. As all of our kits are designed for live electrical work (general maintenance), it would not be necessary to include that icon for every kit.



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# Belt Pouch Combos



Tool Kits - Belt Pouches

**CTK-BPC-3W1**  
 7" Needle Nose Pliers  
 6" Diagonal Cutting Pliers  
 8" Universal Plier with Crimper

**CTK-BPC-3Y**  
 8" Universal Plier with Crimper  
 7" Needle Nose Pliers  
 1/4" x 4" Cabinet Tip Screwdriver

**CTK-BPC-3Z**  
 8" Universal Plier with Crimper  
 #2 x 4" Phillips Tip Screwdriver  
 1/4" x 4" Cabinet Tip Screwdriver

**CTK-BPC-3W2**  
 6" Needle Nose Pliers  
 8" Diagonal Cutting Pliers  
 3" Magnetic Tip Multi-Bit Screwdriver:  
 3/16" & 1/4" Cabinet,  
 #2 & #3 Phillips, #2 Robertson

**CTK-BPC-4W**  
 9" Linesmen's Plier with  
 Crimper and Fish Tape Puller  
 7-5/8" Wire Stripper  
 3/16" x 4" Cabinet Tip Screwdriver  
 #2 x 4" Phillips Tip Screwdriver

**CTK-BPC-5W**  
 6" Diagonal Cutting Pliers  
 7" Needle Nose Pliers  
 1/8" x 3-3/4" Cabinet Tip Screwdriver  
 3/16" x 4" Cabinet Tip Screwdriver  
 #2 x 4" Phillips Tip Screwdriver

**CTK-BPC-5W2**  
 9" Linesmen's Plier with Crimper  
 and Fish Tape Puller  
 7" Needle Nose Pliers  
 1/8" x 3" Cabinet Tip Screwdriver  
 3/16" x 4" Cabinet Tip Screwdriver  
 #2 x 4" Phillips Tip Screwdriver

**CTK-BPC-5Y**  
 8" Universal Plier with Crimper  
 7" Needle Nose Pliers  
 3/16" x 4" Cabinet Tip Screwdriver  
 1/4" x 4" Cabinet Tip Screwdriver  
 #2 x 4" Phillips Tip Screwdriver

**CTK-BPC-5Z**  
 8" Universal Plier with Crimper  
 1/4" x 4" Cabinet Tip Screwdriver  
 #2 x 4" Phillips Tip Screwdriver  
 1/4" x 4" Nut Driver  
 5/16" x 4" Nut Driver

**CTK-BPC-5C**  
 6" Diagonal Cut Pliers  
 7" Fiberglass Reinforced Plastic Pliers  
 1/8" x 6" Composite Cabinet Tip Screwdriver  
 #1 x 5" Composite Phillips Tip Screwdriver  
 #2 x 6" Composite Phillips Tip Screwdriver

**CTK-BPC-5C2**  
 6" Diagonal Cut Pliers  
 7" Fiberglass Reinforced Plastic Pliers  
 1/8" x 3" Composite Cabinet Tip Screwdriver  
 #1 x 3" Composite Phillips Tip Screwdriver  
 #2 x 4" Composite Phillips Tip Screwdriver

**CTK-BPC-5HVAC**  
 8" Water Pump Pliers  
 8" Needle Nose Pliers Heavy Duty  
 with Crimper and Stripper  
 3" Magnetic Tip Multi-Bit Screwdriver:  
 3/16" & 1/4" Cabinet, #2 & #3 Phillips, #2 Robertson  
 5/16" x 6" Nut Driver  
 3/8" x 6" Nut Driver

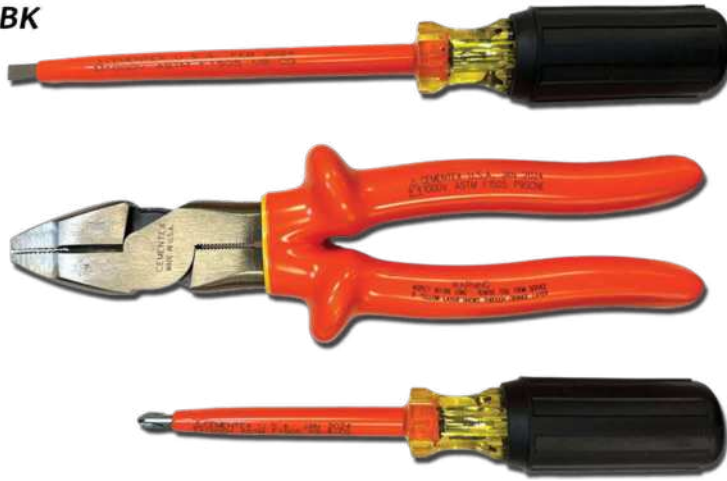
**CTK-BPC-5HVAC2**  
 8" Needle Nose Pliers Heavy Duty  
 with Crimper and Stripper  
 1/4" x 4" Cabinet Tip Screwdriver  
 #2 x 4" Phillips Tip Screwdriver  
 5/16" x 3" Nut Driver  
 3/8" x 3" Nut Driver



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



**ITS-3BK**



**ITS-3BK**

9" Linesmen's Plier  
1/4" x 6" Cabinet Tip Screwdriver  
#2 x 4" Phillips Tip Screwdriver

**ITS-5BK**



**ITS-5BK**

40200TW38I: 3/8" Square Drive Torque Wrench  
40-200 Inch Pounds  
6" Extension Bar  
12-Point Metric Deep Wall Sockets: 10mm, 13mm  
1/2" Ratcheting Box End Wrench  
Zippered Pouch

**TR-8BEK**



**TR-8BEK**

Pliers: 9" Linesmen's, 9" Cable Cutter,  
7-3/4" High Leverage, 8" Chain Nose,  
7-5/8" Solid Wire Stripper  
Screwdrivers: 1/4" x 4-1/2" Mechanics Tip,  
1/4" x 6" Cabinet Tip,  
#2 x 4" Robertson  
Zippered Soft Case 8

**TR-8BEK-CA**

TR8-BEK with alternate Screwdriver mix  
Screwdrivers:  
3/16" x 4-1/2", 1/4" x 6" Cabinet Tip,  
#2 x 4" Robertson Tip  
Zippered Soft Case 8



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### ITC-8COMM

**Pliers:** 9" Linesmen's, 7" Diagonal Cut,  
8" Adjustable Wrench  
**Screwdrivers:** 3/16" x 4-1/2" Cabinet Tip,  
5/16" x 6" Mechanics Tip,  
#2 x 6", #3 x 6" Phillips Tip  
Zippered Soft Case 8



### ITC-8COMM-FI

ITC-8COMM with  
8" Fully Insulated Adjustable Wrench  
(replacing 8" Adjustable Wrench)



### TR-8HH

**Pliers:** 10" Water Pump,  
9" Cable Cutter  
**Ratcheting Box End Wrenches:**  
8mm, 10mm, 13mm  
**Nut Drivers:** 10mm x 3"  
**Screwdrivers:**  
5/16" x 6" Mechanics Tip,  
#2 x 4" Phillips Tip  
Toll Roll Pouch 9



### TR-8HH



### TR-8PCSK

**Pliers:** 9" Linesmen's, 7" Diagonal Cut,  
6" Chain Nose, 10" Crimping, 7" Plastic,  
9-1/2" Wire Stripper with Crimper,  
8" Plastic Fuse Puller  
Tool Roll Pouch 8

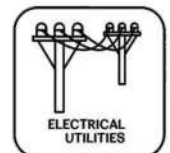


### TR-8PCSK



### TR-8U

**Nutdrivers:** 3/8" x 6", 7/16" x 6",  
1/2" x 6", 9/16" x 6"  
**T-Handle Hex Wrenches:** 3/8",  
1/4", 7/32", 3/16"  
T-Handle Bag, Long





**TR-9ELK**

**Pliers:** 9" Linesmen's,  
7" Chain Nose,  
7" Diagonal Cut,  
9-1/2" Wire Stripper

**Screwdrivers:**

**Cabinet Tip:** 3/16" x 4-1/2",  
3/16" x 6",  
1/4" x 6"

**Phillips Tip:** #1 x 3",  
#2 x 4"

**Tool Roll Pouch 9**



**TR-9ELK-C**

**TR-9ELK with alternate Screwdriver mix**

**Composite Screwdrivers:** 3/16" x 5",  
3/16" x 6", 1/4" x 6" Cabinet Tip,  
#1 x 5", #2 x 4" Phillips Tip

**Tool Roll Pouch 9**

**TR-9ELK-CA**

**TR-9ELK with Robertson Tip Screwdrivers**  
replacing Phillips Tip

**Robertson Tip Screwdrivers:**  
#1 x 4", #2 x 4"

**Tool Roll Pouch 9**

**TR-9ELKFP**

**TR-9ELK with**  
**8" Plastic Fuse Puller replacing**  
**#1 x 3" Phillips Tip**  
**Tool Roll Pouch 9**

**TR-9ELK-HD**



**TR-9ELK HD**

**Pliers:** 9" Linesmen's, 8" Chain Nose,  
8" Hardened Diagonal Cut, 10" Crimper,  
7-5/8" Solid Wire Stripper

**Screwdrivers:** #1 x 3", #2 x 4" Phillips Tip  
3/16" x 6", 1/4" x 6" Robertson Tip

**Tool Roll Pouch 10**



**TR-9ELK-ZC**



**TR-9ELK-ZC**

**TR-9ELK in a Soft Case**  
**Zippered Soft Case 9**



**ITC-9ELK**

**Pliers:** 9" Linesmen's, 7" Diagonal Cut,  
7" Chain Nose, 9-1/2" Wire Stripper

**Screwdrivers:**

**Cabinet Tip:** 3/16" x 4-1/2", 3/16" x 6", 1/4" x 6"  
**Phillips Tip:** #1 x 3", #2 x 4"

**Blow Molded Case, Small**



**TR-9BEK-CA**

TR-9ELK with alternate Screwdriver mix:  
**Screwdrivers:** 1/4" x 6" Cabinet Tip,  
 #1 x 3", #2 x 4" Phillips Tip,  
 #1 x 4", #2 x 4" Robertson Tip  
**Tool Roll Pouch 9**

**TR-9BEK-CA-C**

**TR-9BEK-CA-C**

TR-9ELK replacing standard steel with  
 Composite Screwdriver mix:  
**Composite Screwdrivers:**  
 #2 x 6" Robertson Tip,  
 3/16" x 6", 1/4" x 6" Cabinet Tip,  
 #1 x 5", #2 x 6" Phillips Tip  
**Tool Roll Pouch 9**



**TR-9HVAC TOOLKIT**

6" Adjustable Wrench  
 8" Water Pump Plier  
 6" Screwdrivers: #1, #2 Phillips Tip,  
 3/16", 1/4" Cabinet Tip,  
 6" Nut Drivers: 1/4", 5/16", 3/8"  
**Tool Roll Pouch 9**

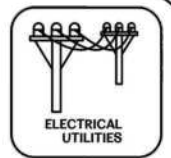


**ITC-9DIST**

**Pliers:** 9" Linesmen's,  
 7" Diagonal Cut  
**Adjustable Wrenches:** 8", 12"  
**Screwdrivers:** 3/16" x 6"  
 3/16" x 8", Cabinet Tip,  
 #2 x 6", #3 x 6" Phillips Tip  
**Zippered Soft Case 8**

**ITC-9DIST-FI**

ITC-9DIST with  
**Fully Insulated Adjustable Wrenches:**  
 8", 12"  
 (replacing Adjustable Wrenches: 8", 12")

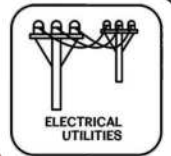


**ITC-9TRANS**

**Pliers:** 9" Linesmen's,  
**Adjustable Wrenches:** 8", 12", 15"  
**Screwdrivers:** 3/16" x 6"  
 3/16" x 8", Cabinet Tip,  
 #2 x 6", #3 x 6" Phillips Tip  
**Zippered Soft Case 8**

**ITC-9TRANS-FI**

ITC-9TRANS with  
**Fully Insulated Adjustable Wrenches:**  
 8", 12", 15"  
 (replacing Adjustable Wrenches: 8", 12", 15")



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts





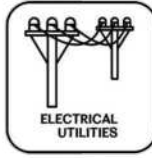
**ITS-10ELT**

**Pliers:** 8" Linesmen's, 7" Diagonal Cut, 8" Chain Nose, 8" Plastic Fuse Puller  
 10" Crimper, 9-1/2" Wire Stripper, 9" Cable Cutter  
**Screwdrivers:** 3/16" x 6", 1/4" x 6", Cabinet Tip,  
 #1 x 3", #2 x 4", #3 x 6" Phillips Tip  
**Tool Roll Pouch 10**



**TR-10MRK**

**Pliers:** 8" Chain Nose, 8" Plastic Fuse Puller  
 2-1/2" Plug Wrench  
**Screwdrivers:** #1 x 3", #2 x 4" Phillips Tip, 3/16" x 6",  
 1/4" x 6" Cabinet Tip  
**6" Nut Drivers:** 5/16", 3/8", 1/2"  
**Tool Roll Pouch 10**



**ITS-11SC**



**ITS-11SC**

**Pliers:** 8" Linesmen's, 6" Diagonal Cut, 6" Chain Nose, 7-5/8" Solid Wire Stripper  
**Screwdrivers:**  
 Cabinet Tip: 3/32" x 2", 1/8" x 5", 1/4" x 6"  
 Mechanics Tip: 5/16" x 6"  
 Phillips Tip: #2 x 6", #3 x 6"  
**Snap Closure Case 701**



**TR-11ELK**



**TR-11ELK**

**Pliers:** 9" Linesmen's, 7" Chain Nose  
 7" Diagonal Cut, 9-1/2" Wire Stripper  
**Screwdrivers:** 3/16" x 4-1/2", 3/16" x 8"  
 1/4" x 6" Cabinet Tip  
 #1 x 3", #2 x 4" Phillips Tip  
**3" Nut Drivers:** 3/8", 7/16"  
**Tool Roll Pouch 11**



**TR-11GSK**

**Pliers:** 8" Linesmen's, 8" Chain Nose, 7" Diagonal Cut,  
 8" Plastic Fuse Puller  
 2-1/2" Plug Wrench  
**Cabinet Tip Screwdrivers:** 1/8" x 5", 3/16" x 4-1/2", 1/4" x 6"  
**3" Nut Drivers:** 5/16", 3/8", 1/2"  
**Tool Roll Pouch 11**

**TR-11FSK**

**Pliers:** 7" Needle Nose, 6" Bent Needle Nose,  
 6" Diagonal Cut, 7-5/8" Solid Wire Stripper  
**Screwdrivers:** 1/8" x 5",  
 3/16" x 4-1/2", 1/4" x 6" Cabinet Tip #1 x 3", #2 x 4" Phillips Tip  
 #1 x 4", #2 x 4" Robertson Tip  
**Tool Roll Pouch 11**

**ITS-12B-AES**



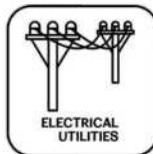
**ITS-12B-AES**

**Pliers:** 9" Linesmen's, 6" Diagonal Cut, 6" Chain Nose, 8" Slip Joint,  
 10" Crimper, 10" Water Pump  
**Screwdrivers:** 3/16" x 4-1/2"  
 1/4" x 6" Cabinet Tip,  
 1/4" x 4-1/2", 5/16" x 6" Mechanics Tip,  
 #1 x 3", #2 x 4" Phillips Tip  
**20" Tool Box**



**TR-12MRSK**

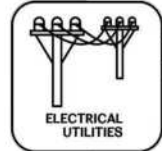
**Pliers:** 9" Linesmen's, 8" Chain Nose,  
 7" Diagonal Cut, 8" Plastic Fuse Puller  
 2-1/2" Plug Wrench  
**Cabinet Tip Screwdrivers:** 1/8" x 5",  
 3/16" x 4-1/2", 3/16" x 6", 1/4" x 6"  
**3" Nut Drivers:** 5/16", 3/8", 1/2"  
**Tool Roll Pouch 12**





### ITS-13UTK

Pliers: 9" Hardened Linesmen's,  
8" Hardened Diagonal, 8" Chain Nose,  
8" Hardened Diagonal Cut,  
9" Cable Cutter, 12" Water Pump  
Mechanics Tip Screwdrivers:  
1/4" x 4-1/2", 5/16" x 6", 3/8" x 10"  
Phillips Tip Screwdrivers:  
#1 x 3", #2 x 4", #3 x 6"  
9" Insulated Linesmen's Knife  
Zippered Tool Bag, 11" x 15"



Tool Kits

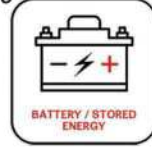
### TR-14 HINGED TOOLS

Pliers: 9" Linesmen's, 7" Chain Nose,  
7" Diagonal Cut, 9" Cable Cutter,  
7-5/8" Solid Wire Stripper, 10" Crimper,  
10", 12", 16" Water Pump Pliers  
10" Ratcheting Cable Cutter  
7" LED Mini Mag Light  
20" Tool Box



### ITB-14BSTK

636TSD140: 1/4" Square Drive Torque Wrench 6-36 Inch Pounds  
30150TW14I: 1/4" Square Drive Torque Wrench 30-150 Inch Pounds  
PTSW716 - Rev125: 7/16" Ratcheting Box End Torque Wrench 125 Inch Pounds  
IR14-LC: 1/4" Square Drive Ratchet  
6" Extension Bar  
6-Point SAE Standard Wall Sockets: 3/8", 7/16"  
6-Point SAE Standard Wall Flush Connect Sockets: 5/16", 7/16"  
17mm Short Arm Hex "L" Wrench  
7/16" Ratcheting Box End Wrench  
IVSRT-1: Valve Shroud Removal Tool  
Zippered Tool Bag, 11" x 15"



### ITB-14BSTK

### IEBP-14

Pliers: 9" Linesmen's, 7" Diagonal Cut,  
7" Chain Nose, 10" Water Pump,  
9-1/2" Wire Stripper,  
8" Plastic Fuse Puller  
3" Nut Drivers: 3/16", 1/4", 5/16"  
Screwdrivers: 1/8" x 5",  
3/16" x 4-1/2", 1/4" x 6" Cabinet Tip,  
#2 x 4" Phillips Tip  
Electrician's Knife with Cap  
Belt Pouch

### IMBP-14

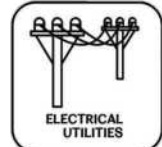
Pliers: 9" Linesmen's, 7" Diagonal,  
7" Chain Nose, 10" Water Pump  
9-1/2" Wire Stripper  
8" Adjustable Wrench  
3" SAE Nut Drivers: 3/8", 1/2"  
Screwdrivers:  
1/8" x 2", 1/4" x 6" Cabinet Tip  
5/16" x 6" Mechanics Tip  
#2 x 4" Phillips Tip  
1/4" x 9-3/4" Flat Tip Holding Screw Starter  
Electrician's Knife with Cap  
Belt Pouch



### IEBP-14

### TR-SSMK

Pliers: 9" Linesmen's, 7" Diagonal Cut,  
7" Chain Nose, 8" Plastic Fuse Puller,  
10" Crimper, 9-1/2" Wire Stripper,  
7" Fiberglass Reinforced Plastic  
2-1/2" Plug Wrench  
Cabinet Tip Screwdrivers: 1/8" x 5",  
3/16" x 4-1/2", 3/16" x 6", 1/4" x 6"  
3" Nut Drivers: 3/16", 1/4", 5/16",  
11/32", 3/8", 7/16", 1/2"  
Tool Roll Pouch 8



### TR-SSMK

RATED  
1000 VAC / 1500 JOC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

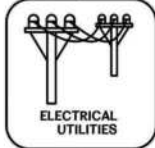


**ITS-15LSK**



**ITS-15LSK**

Pliers: 9" Linesmen's, 10" Water Pump  
30" Bolt Cutters  
10" Adjustable Wrench  
SAE Ratcheting Box End Wrenches:  
3/8", 7/16", 1/2", 9/16", 5/8",  
11/16", 3/4", 13/16", 7/8", 15/16"  
3/8" x 12" Mechanics Tip Screwdriver  
20" Tool Box



**ITS-16MTK**



**ITS-16MTK**

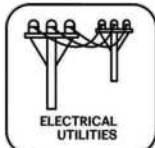
Pliers: 9" Linesmen's,  
8" Diagonal, 8" Chain Nose  
Plastic Fuse Puller  
3" SAE Nut Drivers: 11/32", 3/8", 1/2"  
Cabinet Tip Screwdrivers: 1/8" x 2",  
3/16" x 4-1/2", 3/16" x 6", 1/4" x 6"  
Phillips Tip Screwdrivers:  
#1 x 3", #2 x 4", #3 x 6"  
Tool Roll Pouch 11

**ITS-18SCE**



**ITS-18SCE**

Pliers: 8" Diagonal, 8" Chain Nose  
T-Handle Socket Wrenches: 5/8", 1/2"  
6" Composite Nut Drivers: 5/16", 3/8", 7/16", 1/2", 9/16"  
Composite Screwdrivers:  
Cabinet Tip: 3/16" x 6", 1/4" x 4-1/2", 5/16" x 6", 3/8" x 6"  
Phillips Tip: #2 x 4"  
Composite Holding Screw Starters: 8" Slotted, 8" Phillips  
20" Tool Box

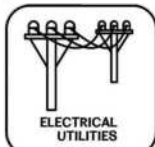


**ITB-22SS**



**ITB-22SS**

IR38-LC: 3/8" Square Drive Ratchet  
Extension Bars: 3", 6"  
12-Point SAE Standard Wall Sockets:  
3/8", 1/2", 9/16", 5/8", 3/4"  
SAE Box End Wrenches:  
3/8", 1/2", 9/16", 5/8", 3/4"  
SAE Ratcheting Box End Wrenches:  
3/8", 1/2", 9/16", 5/8", 3/4"  
Phillips Tip Screwdrivers:  
#1 x 3", #2 x 6", #3 x 6"  
10" Skinning Knife  
Wrench Roll Pouch 11  
20" Tool Box



**TCK-101**



**TCK-101**

40200TW381: 3/8" Square Drive Torque Wrench 40-200 Inch Pounds  
IR38-LC: 3/8" Square Drive Ratchet  
3" Extension Bar  
12-Point SAE Standard Wall Sockets: 3/8", 7/16", 1/2", 9/16", 5/8"  
Pliers: 9" Linesmen's, 8" Slip Joint, 7" Chain Nose  
Screwdrivers:  
3/16" x 4-1/2", 3/16" x 6" Cabinet Tip, 5/16" x 6", 3/8" x  
10" Mechanics Tip,  
#2 x 4" Phillips Tip  
Zippered Soft Case 16

**TCK-101-M**

TCK-101 with Metric Sockets replacing SAE Sockets  
12-Point Metric Standard Wall Sockets:  
10mm, 11mm, 13mm, 14mm, 16mm



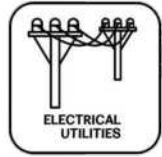


### ZTB-23JM

**Pliers:** 9" Linesmen's, 8" Diagonal, 8" Chain Nose, 10" Crimper,  
9" Cable Cutter, 7-5/8" Solid Wire Stripper, 10" Crimping, 10" Water Pump  
**Plastic Fuse Puller**  
**3" SAE Nut Drivers:** 3/16", 1/4", 5/16", 3/8", 7/16", 1/2"  
**Cabinet Tip Screwdrivers:** 1/8" x 5", 3/16" x 6", 1/4" x 6"  
**Mechanics Tip Screwdrivers:** 5/16" x 6", 3/8" x 8"  
**Phillips Tip Screwdrivers:** #1 x 3", #2 x 6", #3 x 6"  
**Electrician's Knife with Cap**  
**Driver Roll Pouch 12**  
**Zippered Tool Bag, 11" x 15"**



### ZTB-23JM



### ITS-24B

**Pliers:** 9" Linesmen's,  
6" Diagonal, 6" Chain Nose,  
10" Crimping, 8" Slip Joint,  
10" Water Pump  
**SAE Long Arm Hex "L" Wrenches:**  
3/16", 1/4", 5/16", 3/8", 7/16", 1/2"  
**3" SAE Nut Drivers:** 1/4",  
5/16", 3/8", 7/16", 1/2"  
**Cabinet Tip Screwdrivers:**  
3/16" x 4-1/2", 1/4" x 6"  
**Mechanics Tip Screwdrivers:**  
1/4" x 4", 5/16" x 6"  
**Phillips Tip Screwdrivers:**  
#1 x 3", #2 x 4"  
**20" Tool Box**



### ITS-24B

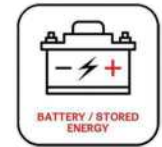


### ITS-24BTK

**40200TW381:** 3/8" Square Drive Torque Wrench 40-200 Inch Pounds  
**IR38-LC:** 3/8" Square Drive Ratchet  
**Extension Bars:** 3", 6"  
**12-Point SAE Sockets:**  
5/16", 7/16", 1/2", 9/16" Standard Wall  
7/16", 1/2", 9/16" Deep Wall  
**10mm 12-Point Standard Wall Socket**  
**SAE Open End Wrenches:** 7/16", 1/2", 9/16"  
**SAE Ratcheting Box End Wrenches:** 7/16", 1/2", 9/16"  
**10mm Ratcheting Box End Wrench**  
**6" SAE Nut Drivers:** 1/4", 5/16"  
**Screwdrivers:**  
3/16" x 6" Cabinet Tip,  
#2 x 4" Phillips Tip  
**20" Tool Box**



### ITS-24BTK





**ITS-30B**



**ITS-30B**

**Pliers:**

- 9" Linesmen's, 8" Slip Joint, 8" Chain Nose,
- 7" Diagonal, 9" Cable Cutter, 10" Crimp,
- 6" Duck Bill, 10", 12" Water Pump

**6" SAE T-Handle Hex Wrenches:**

- 3/16", 1/4", 5/16", 3/8", 7/16", 1/2"

**3" SAE Nut Drivers:**

- 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"

**Cabinet Tip Screwdrivers:**

- 3/16" x 4-1/2", 3/16" x 6", 1/4" x 6"

**Mechanic's Tip Screwdrivers:**

- 1/4" x 4-1/2", 5/16" x 6", 3/8" x 8"

**Phillips Tip Screwdrivers:**

- #1 x 3", #2 x 4"

**20" Tool Box**



**ITS-30B-SC**

ITS-30B tools in Zippered Soft Case 30



**ITS-30B-C**

ITS-30B replacing standard steel with Composite Screwdrivers and Nut Drivers

**6" Composite SAE Nut Drivers:**

- 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"

**Composite Cabinet Tip Screwdrivers:**

- 3/16" x 5", 3/16" x 6", 1/4" x 4-1/2", 1/4" x 6"

**Composite Mechanic's Tip Screwdrivers:**

- 5/16" x 6", 3/8" x 6"

**Composite Phillips Tip Screwdrivers:**

- #1 x 3", #2 x 4"

**ITS-30B-CA**

ITS-30B with an alternate Screwdriver Mix that includes Robertson Tip Screwdrivers

**Cabinet Tip Screwdrivers:**

- 3/16" x 6", 1/4" x 6"

**Mechanic's Tip Screwdrivers:**

- 1/4" x 4-1/2", 3/8" x 8"

**Phillips Tip Screwdrivers:**

- #1 x 3", #2 x 4"

**Robertson Tip Screwdrivers:**

- #1 x 3", #2 x 4"

**ITS-30B-MM**

ITS-30B replacing SAE with Metric Nut Drivers and T-Handle Hex Wrenches

**6" Metric T-Handle Hex Wrenches:**

- 4mm, 5mm, 6mm, 8mm, 9mm, 10mm

**3" Metric Nut Drivers:**

- 4mm, 5mm, 6mm, 8mm, 9mm, 10mm, 12mm

**ITS-30B-NDXL**

ITS-30B replacing 3" with 6" SAE Nut Drivers  
20" Tool Box



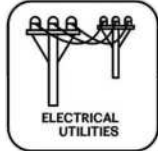


### ITB-30UFB-C

- IR12-LC: 1/2" Square Drive Ratchet
- Extension Bars: 5", 10"
- 1/2" Square Drive T-Handle Extension Bar
- 12-Point SAE Deep Wall Sockets:  
7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16"
- Pliers: 9" Linesmen's with Crimper,  
10" Crimping, 7" Diagonal, 8" Needle Nose,  
7" Fiberglass Reinforced Plastic
- 3/16" T-Handled Hex Wrench
- 6" Composite Nut Drivers:  
3/8", 1/2", 9/16", 5/8", 3/4"
- Composite Screwdrivers:  
1/8" x 3", 1/4" x 4-1/2", 1/4" x 6" Cabinet  
Tip, #1 x 5" Phillips Tip
- Driver Roll Pouch 12
- 20" Tool Box



ITB-30UFB-C



### ITS-MB410

- IR12-LC: 1/2" Square Drive Ratchet
- Extension Bars: 5", 10"
- 12-Point SAE Standard Wall Sockets:  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4",
- Pliers: 9" Linesmen's,  
7" Diagonal Cut, 7" Chain Nose
- Screwdrivers: 1/8" x 2", 3/16" x 4-1/2"  
1/4" x 6" Cabinet Tip,  
#1 x 3", #2 x 4" Phillips Tip
- Single Pole Voltage Detector
- Blow Molded Carrying Case



### ITS-MB410M

- ITS-MB410 with Metric Sockets  
replacing SAE Sockets and without
- Single Pole Voltage Detector
- 12-Point Metric Standard Wall Sockets:  
8mm, 10mm, 13mm, 14mm, 15mm, 17mm, 19mm



ITS-MB410



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



**ITS-MB430**



**ITS-MB430**

40200TW38I: 3/8" Square Drive Torque Wrench  
40-200 Inch Pounds

IR38-LC: 3/8" Square Drive Ratchet  
Extension Bars: 3", 6"  
12-Point SAE Deep Wall Sockets: 3/8",  
7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"  
Pliers: 9" Linesmen's,  
7" Diagonal Cut, 7" Chain Nose  
SAE Box End Wrenches: 3/8", 7/16",  
1/2", 9/16", 5/8", 11/16", 3/4", 13/16"  
Screwdrivers: 1/8" x 5", 3/16" x  
4-1/2", 1/4" x 6" Cabinet Tip,  
#1 x 3", #2 x 4" Phillips Tip  
Single Pole Voltage Detector  
Injection Molded Carrying Case

**ITS-MB430M**

ITS-MB430 with Metric Box End Wrenches replacing  
SAE Box End Wrenches:  
10mm, 11mm, 12mm, 14mm, 15mm, 16mm, 18mm, 20mm  
and replacing SAE 12-Point Deep Wall Sockets with  
Metric: 10ML, 11ML, 12ML, 14ML, 18ML, 20ML

**ZTB-MB430**

ITS-MB430 in Zippered Tool Bag, 11" x 15"  
replacing Injection Molded Carrying Case



**ITS-MB420**



**ITS-MB420**

IR12-LC: 1/2" Square Drive Ratchet  
Extension Bars: 5"  
12-Point SAE Standard Wall Sockets:  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"  
Pliers: 9" Linesmen's,  
7" Diagonal Cut, 7" Chain Nose  
SAE Open End Wrenches:  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"  
Screwdrivers: 1/8" x 2", 3/16" x 4-1/2",  
1/4" x 6" Cabinet Tip,  
#1 x 3", #2 x 4" Phillips Tip  
Single Pole Voltage Detector  
Injection Molded Carrying Case

**ITS-MB420-38**

ITS-MB420 replacing 1/2" Square Drive  
with 3/8" Square Drive:  
Ratchet, Extension Bar and Sockets  
IR38-LC: 3/8" Square Drive Ratchet  
Extension Bars: 6"  
12-Point SAE Standard Wall Sockets:  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"

**ITS-MB420-IH**

IR12-LC: 1/2" Square Drive Ratchet  
Extension Bars: 5"  
12-Point SAE Standard Wall Sockets:  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"  
6" SAE Hex Bit Sockets:  
3/8", 7/16", 1/2", 9/16", 5/8", 3/4"  
Pliers: 9" Linesmen's,  
7" Diagonal Cut, 7" Chain Nose  
SAE Open End Wrenches:  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4"  
Blow Molded Carrying Case





**ITS-MB431**



**Tool Kits**

**RATED**  
1000 VAC / 1500 JOC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts

**ITS-MB431**

- 40200TW38I: 3/8" Square Drive Torque Wrench  
40-200 Inch Pounds
- IR38-LC: 3/8" Square Drive Ratchet
- Extension Bars: 3", 6"
- 12-Point SAE Deep Wall Sockets:  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
- Pliers: 9" Linesmen's,  
7" Diagonal, 7" Chain Nose
- SAE Ratcheting Box End Wrenches:  
3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"
- Screwdrivers: 1/8" x 5", 3/16" x 4-1/2"  
1/4" x 6" Cabinet Tip,  
#1 x 3", #2 x 4" Phillips Tip
- Single Pole Voltage Detector
- Injection Molded Carrying Case

**ITS-MB431M**

- ITS-MB431 replacing SAE with Metric Sockets  
and Metric Ratcheting Box End Wrenches
- 12-Point Metric Deep Wall Sockets: 10mm,  
12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 20mm
- Metric Ratcheting Box End Wrenches: 10mm,  
12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 20mm

**ZTB-MB431**

- ITS-MB431 in Zippered Tool Bag, 11" x 15"  
replacing Injection Molded Carrying Case





### ITS-46B



### ITS-46B

#### Pliers:

9" Linesmen's, 7" Diagonal, 7" Chain Nose, 10" Crimper, 9" Cable Cutter, 9-1/2", Wire Stripper, 10" Water Pump

#### SAE Long Arm Hex "L" Wrenches:

1/16", 5/64", 3/32", 7/64", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2"

#### SAE Box End Wrenches:

3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"

#### 6" SAE Nut Drivers:

3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"

#### Screwdrivers:

1/8" x 2", 3/16" x 4-1/2", 3/16" x 6", 1/4" x 6" Cabinet Tip, 3/8" x 10" Mechanics Tip, #2 x 4", #2 x 8" Phillips Tip

#### Snap Closure Case 501

Zippered Tool Bag, 11" x 15"



ZTB-62



### ZTB-62

40200TW381: 3/8" Square Drive Torque Wrench 40-200 Inch Pounds

IR38-LC: 3/8" Square Drive Ratchet

Extension Bars: 3" 6"

12-Point SAE Standard Wall Sockets:

3/8", 7/16" 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"

12-Point Metric Standard Wall Sockets:

10mm, 11mm, 12mm, 13mm, 14mm, 15mm, 16mm, 18mm, 19mm

SAE Open End Wrenches:

3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16"

Metric Open End Wrenches:

10mm, 12mm, 13mm, 14mm, 15mm, 16mm, 18mm, 19mm

SAE Ratcheting Box End Wrenches:

9mm, 10mm, 11mm, 12mm

6"SAE Nut Drivers:

3/16", 1/4", 5/16", 3/8", 7/16", 1/2"

Screwdrivers: 3/16" x 4-1/2", 3/16" x 6", 1/4" x 6" Cabinet Tip,

5/16" x 6", Mechanics Tip, #1 x 3", #2 x 4" Phillips Tip

Wrench Roll Pouch 8 (qty 3)

Driver Roll Pouch 6

Driver Roll Pouch 12

Driver Tool Roll 12

Zippered Pouch

Zippered Tool Bag, 11" x 15"

Tool Kits

 RATED  
1000 VAC / 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



## ITS-60B



### ITS-60B

- IR38-LC: 3/8" Square Drive Ratchet
- Extension Bars: 3", 6"
- 12-Point SAE Standard Wall Sockets: 5/16", 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8"
- Pliers: 9" Linesmen's, 7" Diagonal, 7" Chain Nose, 10" Crimping, 9" Cable Cutter, 9-1/2" Wire Stripper, 10" Water Pump
- SAE Long Arm Hex "L" Wrenches: 1/16", 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2"
- SAE Box End Wrenches: 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- 6" SAE Nut Drivers: 3/16", 1/4", 5/16", 11/32", 3/8", 7/16", 1/2"
- Screwdrivers: 1/8" x 2", 3/16" x 4-1/2", 3/16" x 6", 1/4" x 6" Cabinet Tip, 3/8" x 10" Mechanics Tip, #2 x 4", #2 x 8" Phillips Tip
- Wrench Roll Pouch 11
- Snap Closure Case 501
- Zippered Tool Bag, 11" x 15"

### ITS-60B-M

- ITS-60B with Metric Sockets, Long Arm Hex "L" Wrenches, Box End Wrenches, and Nut Drivers
- 12-Point Metric Standard Wall Sockets: 8mm, 10mm, 12mm, 13mm, 14mm, 15mm, 16mm, 18mm, 19mm, 22mm
- Metric Long Arm Hex "L" Wrenches: 1.5mm, 2mm, 2.5mm, 3mm, 4mm, 5mm, 6mm, 7mm, 8mm, 9mm, 10mm, 12mm, 14mm, 17mm
- Metric Box End Wrenches: 10mm, 12mm, 13mm, 14mm, 15mm, 17mm, 19mm, 22mm, 24mm, 27mm
- 6" Metric Nut Drivers: 6mm, 7mm, 8mm, 9mm, 10mm, 11mm, 13mm

### ITS-60B-DLX

- ITS-60B in Deluxe Tool Case

### ITS-60B-DLX-W

- ITS-60B in Deluxe Tool Case with Wheels

### ITS-60B-DLX-W-IGW

- ITS-60B with SAE Ratcheting Box End Wrenches: replacing Box End Wrenches 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- Deluxe Tool Case with Wheels: replacing Snap Closure Case 501 and Zippered Tool Bag, 11" x 15"

### ITS-60B-IHK

- ITS-60B with SAE T-Handle Hex Wrenches: replacing Hex "L" Wrenches 5/64", 3/32", 7/64", 1/8", 9/64", 5/32", 3/16", 7/32", 1/4", 5/16", 3/8", 7/16", 1/2", 5/8"
- SAE Open End Wrenches: replacing Box End Wrenches 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"
- T-Handle Bag, Long: replacing Snap Closure Case 501







**ITS-60B/T-DLX**



**ITS-60B/T-MM**

ITS-60B-M plus  
**40200TW38I: 3/8" Square Drive Torque Wrench**  
 40-200 Inch Pounds

and with a different mix of Metric  
 Long Arm Hex "L" Wrenches,  
 Box End Wrenches, and Nut Drivers

**Metric Long Arm Hex "L" Wrenches:**  
 1.5mm, 2mm, 2.5mm, 3mm, 3.5mm, 4mm,  
 5mm, 5.5mm, 6mm, 8mm, 10mm, 11mm, 12mm  
**Metric Box End Wrenches:** 10mm, 11mm, 12mm, 14mm,  
 16mm, 17mm, 19mm, 20mm, 22mm, 24mm, 25mm  
**6" Metric Nut Drivers:**  
 5mm, 6mm, 8mm, 9mm, 10mm, 11mm, 12mm

**ITS-60B/T-DLX-W-MM**

ITS-60B/T-MM with  
 Deluxe Tool Case With Wheels: replacing Zippered Tool Bag, 11"x 15"

**ITS-60B/T-OEW-DLX-W**

ITS-60B/T-IGW-DLX-W with  
**SAE Open End Wrenches:** replacing Ratcheting Box End Wrenches  
 3/8", 7/16", 1/2", 9/16", 5/8", 11/16", 3/4", 13/16", 7/8", 15/16", 1"  
 and without Snap Closure Case 501

**ITS-60B/T-IHK**

ITS-60B-IHK plus  
**40200TW38I: 3/8" Square Drive Torque Wrench**  
 40-200 Inch Pounds  
 and with  
**SAE Box End Wrenches:** replacing Open End Wrenches  
 3/8", 7/16", 1/2", 9/16", 5/8", 11/16",  
 3/4", 13/16", 7/8", 15/16", 1"

**ITS-60B/T**

ITS-60B plus  
**40200TW38I: 3/8" Square Drive Torque Wrench**  
 40-200 Inch Pounds

**ITS-60B/T-DLX**

ITS-60B-DLX plus  
**40200TW38I: 3/8" Square Drive Torque Wrench**  
 40-200 Inch Pounds

**ITS-60B/T-DLX-W**

ITS-60B-DLX-W plus  
**40200TW38I: 3/8" Square Drive Torque Wrench**  
 40-200 Inch Pounds

**ITS-60B/T-IGW-MM-DLX-W**

ITS-60B/T-DLX-W-MM with  
**Metric Ratcheting Box End Wrenches:** 10mm, 11mm,  
 12mm, 14mm, 16mm, 17mm, 19mm, 20mm, 22mm,  
 24mm, 25mm and without Snap Closure Case 501

**ITS-60B/T-IGW-DLX-W**

ITS-60B-DLX-W-IGW plus  
**40200TW38I: 3/8" Square Drive Torque Wrench**  
 40-200 Inch Pounds  
**Snap Closure Case 501**  
 and without  
 1/16" SAE Long Arm Hex "L" Wrench

Tool Kits



Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# Service Tech Kit

The Service Tech Pack Kits from Cementex combine the highest quality insulated tools available today with our latest development in storage and containment.

The ITBPK67-ServTechKit is a combination of tools carefully selected to meet the need of most Qualified Electrical Pro's. As with all Cementex tool kits this combination of tools may be customized to fit your needs. From simple additions, subtractions, or replacements to complete custom combinations. Cementex can build what you need.

Tool Kits



RATED 1000 VAC 1500 VDC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



## Drivers

M6-CG	1/4" x 6" Cabinet Tip SD
MC4P-CG	3/16" x 4" Cabinet Tip SD
Y4-CG	1/4" x 4-1/2" Mechanics Tip SD
Y6-CG	5/16" x 6" Mechanics Tip SD
P1-3-CG	#1x3" Phillips Screwdriver
P2-4-CG	#2x4" Phillips Screwdriver
R2-4-CG	#2x4" Robertson Screwdriver
CHT2-4-CG	Combo Head Terminating Driver
G2NS	Holding Nut Starter
D3FT-SBY	1/4" Flat Screwstarter Stubby
D11PT-SBY	#2 Screw Starter Stubby
ND316-CG	3/16" x 3" Nutdriver
ND140-CG	1/4" x 3" Nutdriver
ND516-CG	5/16" x 3" Nutdriver
ND1132-CG	11/32" x 3" Nutdriver
ND380-CG	3/8" x 3" Nutdriver
ND716-CG	7/16" x 3" Nutdriver
ND120-CG	1/2" x 3" Nutdriver
ND916-CG	9/16" x 3" Nutdriver

## Wrenches: Adjustable, Gearing, Long Arm Hex and Open End

AW-10FI	10" Fully Insulated Adjustable Wrench
IGW-08	1/4" Gear Wrench
IGW-10	5/16" Gear Wrench
IGW-12	3/8" Gear Wrench
IGW-14	7/16" Gear Wrench
IHW-180	1/8" Long Arm Allen Wrench
IHW-964	9/64" Long Arm Allen Wrench
IHW-532	5/32" Long Arm Allen Wrench
IHW-316	3/16" Long Arm Allen Wrench
IHW-732	7/32" Long Arm Allen Wrench
IHW-140	1/4" Long Arm Allen Wrench
IHW-516	5/16" Long Arm Allen Wrench
IHW-380	3/8" Long Arm Allen Wrench
IHW-716	7/16" Long Arm Allen Wrench
OEW-08	1/4" Open End Wrench
OEW-10	5/16" Open End Wrench
OEW-12	3/8" Open End Wrench
OEW-14	7/16" Open End Wrench

## 3/8" Square Drive Interchangeable Tools

30150TW38I	3/8" SqDr 30-150 In-Lbs TW X-Drive Head
IR38-LC	3/8" SqDr Lever Control Ratchet
IB38-3	3/8" SqDr 3" Ext Bar
IB38-6	3/8" SqDr 6" Ext Bar
IS38-10 12PT	3/8" SqDr 5/16" Skt 12Pt
IS38-12 12PT	3/8" SqDr 3/8" Skt 12Pt
IS38-14 12PT	3/8" SqDr 7/16" Skt 12Pt
IS38-16 12PT	3/8" SqDr 1/2" Skt 12Pt
IS38-18 12PT	3/8" SqDr 9/16" Skt 12Pt
IS38-20 12PT	3/8" SqDr 5/8" Skt 12Pt
IS38-22 12PT	3/8" SqDr 11/16" DW 12Pt
IS38-24 12PT	3/8" SqDr 3/4" Skt 12Pt
IS38-26 12PT	3/8" SqDr 13/16" Skt 12Pt
IS38-28 12PT	3/8" SqDr 7/8" Skt 12Pt

## Pliers, Crimpers and Strippers

P4CN	4" Chain Nose Pliers
P4D	4" Diagonal Pliers
P8CN	8" Chain Nose Pliers
P8D	8" Diagonal Pliers
P9CC	9" Cable Cutting Pliers
P9SCNE-CFRT	9" Linesmen's Pliers w/Crimper and Fish Tape Puller
P100CT	10" Crimping Pliers
WS19	9-1/2" Wire Stripper: 10-22 Combo

## Specialty Safety Tools

CPVD	Single Pole Voltage Detector
CTM-33	33' Fiberglass Tape Measure
FLED-7I	LED Mini Maglite Flashlight: 7"
IM-225I-F12	2-1/4" Round Inspection Mirror-Fully Insulated and Flexible - 12" Handle OAL
MRT-18	18" Magnetic Retrieving Tool
PFP-1	7-1/4" Fuse Puller
PK100	8" Plastic Gripping Pliers



# Super Tech Kit

## Drivers, Starters and Bits

236TSDK-140	2-36 In-Lbs Torque SD/Boot Kit
CEM-#1 PHIL PB	#1 Phillips Power Bit
CEM-#1 ROBERTSON PB	#1 ROBERTSON PB
CEM-#2 PHIL PB	#2 Phillips Power Bit
CEM-#2 ROBERTSON PB	#2 ROBERTSON PB
CEM-#3 ROBERTSON PB	#3 ROBERTSON PB
CEM-1/4" FLAT PB	1/4" Flat Power Bit
CEM-1/4" SQ DR BIT	1/4" SqDr Bit
CEM-3/16" FLAT PB	3/16" Flat Power Bit
CEM-MAG SH 1/4"	1/4" Magnetic Screw Holder
CEM-MAG SH 5/16"	5/16" Magnetic Screw Holder
CEM-T10	T10 Torx Tip
CEM-T15	T15 Torx Tip
CEM-T20	T20 Torx Tip
CEM-T25	T25 Torx Tip
CEM-T30	T30 Torx Tip
CEM-T40	T40 Torx Tip
CHT2-4-CG	Combo Head Terminating Driver
CPS00P25	#00 Phillips X 2-1/2" Blade
CPS0P25	#0 Phillips X 2-1/2" Blade
CPS15M25	1.5MM Slotted X 2-1/2" Blade
CPS1P25	#1 Phillips X 2-1/2" Blade
CPS25M25	2.5MM Slotted X 2-1/2" Blade
CPS40M25	4.0MM Slotted X 2-1/2" Blade
M2L	1/8" Slotted Screwdriver 7" OAL
M6-CG	1/4" x 6" Cabinet Tip SD
MC4P-CG	3/16" x 4" Cabinet Tip SD
MC6P-CG	3/16" x 6" Cabinet Tip SD
OSSD-P26	#2 x 6" Phillips Offset SD
OSSD-P36	#3 x 6" Phillips Offset SD
OSSD-S146	1/4" x 6" Flat Offset SD
P0-3.5	#0 x 3-1/2" Phillips Screwdriver
P1-1-SBY	#1 Phillips Stubby Screwdriver
P1-3-CG	#1x3" Phillips Screwdriver
P2-1-SBY	#2 x 1" Phillips Stubby SD
P2-4-CG	#2x4" Phillips Screwdriver
P2-6-CG	#2x6" Phillips Screwdriver
D10PTSH	#2x6" Screw Starter
D11PT-SBY	#2 Screw Starter Stubby
D2FTSH	1/4" x 6" Flat Screwstarter
D3FT-SBY	1/4" Flat Screwstarter Stubby
F2PTSS	Universal Screwstarter
G2NS	Holding Nut Starter
G2NS-SBY	Holding Nut Starter Stubby
ND316-CG	3/16" x 3" Nutdriver
ND140-CG	1/4" x 3" Nutdriver
ND516-CG	5/16" x 3" Nutdriver
ND1132-CG	11/32" x 3" Nutdriver
ND380-CG	3/8" x 3" Nutdriver
ND716-CG	7/16" x 3" Nutdriver

## Wrenches: Adjustable, Geared and Open End

AW-8FI	8" Fully Insulated Adj Wrench
IGW-12	3/8" Gear Wrench
IGW-14	7/16" Gear Wrench
IGW-16	1/2" Gear Wrench
IGW-18	9/16" Gear Wrench
IGW-20	5/8" Gear Wrench
IGW-22	11/16" Gear Wrench
IGW-24	3/4" Gear Wrench
OEW-12	3/8" Open End Wrench
OEW-14	7/16" Open End Wrench
OEW-16	1/2" Open End Wrench
OEW-18	9/16" Open End Wrench
OEW-20	5/8" Open End Wrench
OEW-22	11/16" Open End Wrench
OEW-24	3/4" Open End Wrench

## 3/8" Square Drive Interchangeable Tools

40200TW381	3/8" SqDr 40-200 In-Lbs TW
IR38-LC	3/8" SqDr Ratchet
IB38-3	3/8" SqDr 3" Ext Bar
IB38-6	3/8" SqDr 6" Ext Bar
IS38-10ML	3/8" SqDr 10ML Skt 12Pt
IS38-12L	3/8" SqDr 3/8" DW Skt 12Pt
IS38-12ML	3/8" SqDr 12ML Skt 12Pt
IS38-13ML	3/8" SqDr 13ML Skt 12Pt
IS38-14L	3/8" SqDr 7/16" DW Skt 12Pt
IS38-14ML	3/8" SqDr 14ML Skt 12Pt
IS38-15ML	3/8" SqDr 15ML Skt 12Pt
IS38-16L	3/8" SqDr 1/2" DW Skt 12Pt
IS38-16ML	3/8" SqDr 16ML Skt 12Pt
IS38-17ML	3/8" SqDr 17ML Skt 12Pt
IS38-18L	3/8" SqDr 9/16" DW Skt 12Pt
IS38-18ML	3/8" SqDr 18ML Skt 12Pt
IS38-19ML	3/8" SqDr 19ML Skt 12Pt
IS38-20L	3/8" SqDr 5/8" DW Skt 12Pt
IS38-22L	3/8" SqDr 11/16" DW Skt 12Pt
IS38-24L	3/8" SqDr 3/4" DW Skt 12Pt

The ITBPK107-SuperTech Kit utilizes one of our amazing back packs to store and transport a carefully selected combination of tools.

As with all Cementex tool kits this combination of tools may be customized to fit your needs. From simple additions, subtractions, or replacements to complete custom combinations. Cementex can build what you need.



## Pliers, Crimpers and Strippers

P4CN	4" Chain Nose Pliers
P4D	4" Diagonal Pliers
P6CN	6" Chain Nose Pliers
P7CN	7" Chain Nose Pliers
P7D	7" Diagonal Pliers
P8SJ	8" Slip Joint Pliers
P9SCNE-CFRT	9" Linesmen's Pliers w/Crimper and Fish Tape Puller
P10OCT	10" Crimping Pliers
P10WP	10" Water Pump Pliers
RCC500	10" Ratcheting Cable Cutting Pliers
WS45-215	WireStripper:10-18Sol/12-20Str

## Specialty Safety Tools

CP6FFR	6' Fiberglass Folding Measure Stick:1000V
CPVD	Single Pole Voltage Detector
CTM-33	33' Fiberglass Tape Measure
FLED-7I	LED Mini Maglite Flashlight: 7"
IEK10	8" Electrician's Knife (includes Cap)
IM-325I-F12	3-1/4" Round Inspection Mirror Fully Insulated and Flexible - 12" Handle OAL
MRT-18	18" Magnetic Retrieving Tool
PPF-1	7-1/4" Fuse Puller
PPF-2G	7-1/4" Fuse Puller Guarded
PK100	8" Plastic Gripping Pliers
TZ6NT	Tweezer: 6" Narrow Tip



Tool Kits

RATED  
1000 VAC  
1500 JOC

Tested to 10,000 VAC and Rated for 1,000 VAC when working on or around live parts



# Fiberglass Pole Ratings

Every fiberglass pole provided by Cementex is tested to meet the 100kV per foot testing standard (ASTM F711). This allows completed tools made from this fiberglass to be used at the minimum clear insulation distances specified by OSHA. The quality of products combined with industry standards for minimum clear insulation distances give the users an additional safety factor.

## Clampsticks

Clampsticks, aka Shotgun Sticks feature a high-quality foam-filled fiberglass reinforced plastic tube providing maximum insulation and mechanical strength. They are lightweight and easy-to-handle.

Feature a fixed length shotgun with external operating rod.

Tested per ASTM F711.



CPCS-8106

PN	DESC	*BAG
CPCS-8104.....	4'6"	ST-HSB-6
CPCS-8106.....	6'6"	ST-HSB-8

CPCS-13413.....	8'6" Folding	ST-HSB-8
CPCS-13414.....	10'6" Folding	ST-HSB-10
CPCS-13415.....	12'6" Folding	ST-HSB-12

CPCSA-A10019.... Clampstick Adapter



CPCS-13413



CPCSA-A10019

## Telescoping Hot Sticks



Universal Disconnect Hook

CPDH-10431  
(included with Cementex  
CPHS and CPTS Hot Sticks)



Telescoping Hot Sticks offer long-reach, speed, convenience and safety.

Fabricated of reinforced high density electrical grade fiberglass laminate for greater strength and dielectric properties.

Fluorescent tip section is highly visible and has a foam core. All tip sections are 1.15" diameter. Cushioned cap protects base end.

Triangle shape eliminates "twisting and turning" and enables each section to "lock in automatically"; providing an ergonomic design for better control.

Larger shape lock buttons provide easy operation.

Add or remove sections without the use of tools. Sections have a smooth, glossy surface and only one size lock button and spring for replacement.

Universal head made of strong aluminum alloy incorporates corona discharge design and holds universal attachments securely.

Tested per ASTM F711.

PN	Extended	Retracted	*BAG
CPTS-208.....	8'	26"	ST-HSB-4
CPTS-212.....	12'	58"	ST-HSB-6
CPTS-216.....	16'	60"	ST-HSB-6
CPTS-220.....	20'	62"	ST-HSB-6
CPTS-225.....	25'6"	64"	ST-HSB-6
CPTS-225HSB...	25'6" w/ Bag	64"	INCLUDED
CPTS-230.....	30'	66"	ST-HSB-6
CPTS-235.....	35'	68"	ST-HSB-6
CPTS-240.....	40'	69"	ST-HSB-6

CPDH-10431..... Universal Disconnect Hook  
(included with Cementex CPHS  
and CPTS Hot Sticks)



# Universal Hot Sticks

Tested to meet the 100kV per foot testing standard (ASTM F711). Universal sticks feature a high-quality foam filled fiberglass reinforced plastic core providing maximum insulation and mechanical strength. They are lightweight and easy-to-handle with a hard-gloss, porosity-free bright safety yellow finish which is easy to clean and won't chip or peel.

Permanently mounted fiberglass prongs adapt to all Universal adapter tools. Universal Hotsticks include disconnect hook.

\*optional tools and accessories available upon request



**CPDH-10431 Universal Head with Disconnect Hook**



**CPHS-5464**

PN	1.25" DIAMETER	*BAG
CPHS-5674	4' Hot Stick	ST-HSB-4
CPHS-5676	6' Hot Stick	ST-HSB-6
CPHS-5464	4' Extension	ST-HSB-4
CPHS-8392	56" Extension	ST-HSB-6

CPDH-10431..... Universal Disconnect Hook  
(included with Cementex CPHS and CPTS Hot Sticks)

PN	DESC	*BAG
CPSS-4604	1.25" x 4'	ST-HSB-4
CPSS-4606	1.25" x 6'	ST-HSB-6



## Switch Sticks

These lightweight insulated sticks are used to operate high-voltage switches from a safe distance.

All meet ASTM F711 for live-line maintenance.

- Switch heads are made of bronze
- Designed to NEMA standards

## Hot Stick Storage Bags

High visibility (orange) bag with dual snaps protect your investment and expand the life of your hot stick tools.

PN	DESC
ST-HSB-4	4'8"
ST-HSB-6	6'8"
ST-HSB-8	8'8"
ST-HSB-10	10'8"
ST-HSB-12	12'8"
ST-HSB-14	14'8"





# Rescue Hooks

The body rescue hook is an invaluable tool for any workplace used to withdraw an injured worker out of a hazardous area, such as confined spaces, in vaults, near switch gear or electrical cabinets and many other industrial areas.

The hook is constructed of high-strength, vinyl dipped steel featuring an 18" wide opening that through snap and lock button connection mounts to a 1-1/4" O.D. fiberglass pole available in either 6' or 8' length.

Each body rescue hook stick is electrically proof-tested. Retests are required every two years; must pass a test of 100kV per foot for five minutes without detectable heating in compliance ASTM F-711 standard specifications.

Our two part construction allows for ease in travel to different job sites but also provides immediate and dramatic reduction of logistical freight costs (at one time these costs exceeded unit costs as each had to go via LTL shipment based on dimensional weights).

- Constructed of high-strength vinyl-dipped steel
- 18" Opening mounted on 1-1/4" O.D. Fiberglass Pole
- 100% Electrically proof tested (ASTM F711)
- Rescue hooks are manufactured with a detachable head for easier shipping and storage

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_

CPRH-8481..... 18" Hook - 6' Pole

CPRH-8482..... 18" Hook - 8' Pole

**Replacement components for CPRH-8481 or CPRH-8482:**

CPRH-A30429.... Rescue Hook: 18" Opening - with Push Button Standard Hook

CPHSE-5524..... 1.25" x 4' Hotstick Extension (used with CPRH-8481)

CPHSE-5526..... 1.25" x 6' Hotstick Extension (used with CPRH-8482)

CPRH18-208..... Rescue Hook: 18" Opening - with Universal Adapter Hook

CPRH18-208K..... Rescue Hook Kit: Collapsible Tool in Carry Bag

**Replacement components for CPRH18-208 or CPRH18-208K:**

CPRH-A30428.... Rescue Hook: 18" Opening - with Universal Adapter Hook

CPTS-208..... 8' Telescoping Hotstick

ST-RHCB..... Rescue Hook Carry Bag

**CPRH-8481**



**CPRH-A30428**



Sticks and Hooks

# Electro Static Precipitator

Designed to safely remove the static charge after de-energizing for service work

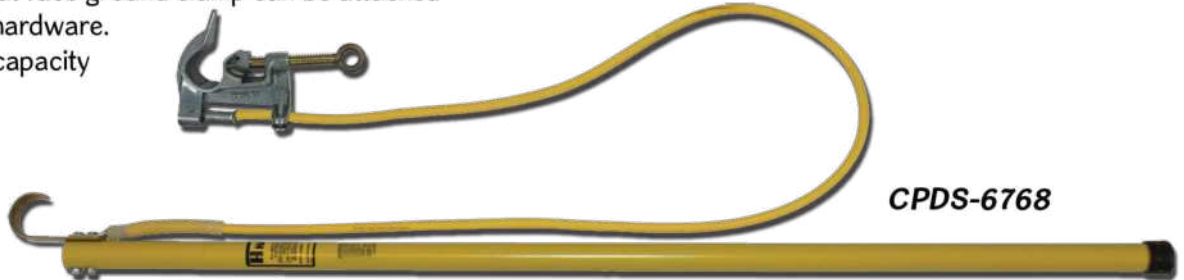
Includes:

- Brass alloy U-shaped hook to engage precipitator plates
- 4' x 1-1/4" fiberglass installation pole
- 6' of No. 2 stranded extra-flexible copper grounding cable with durable bright yellow neoprene jacket
- Aluminum alloy T-Handle flat face ground clamp can be attached to flat, round, and square hardware. Serrated jaws 1-1/2" max. capacity

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_

CPDS-6768..... Tool with 6' Lead

CPDS-CTO2447...Tool with 12' Lead



**CPDS-6768**



# Hot Stick Wax

- High grade carnuba wax specially formulated for application to fiberglass finishes
- Properly applied, the wax will produce a hard tack-free weather resistant surface - resistant to temperatures and weather extremes
- Wax may be applied by hand and hand polished - wax on / wax off
- Do not let wax dry on stick
- Net Wt. 14 oz.:



**CPHSWAX-10091**

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_

- CPHSWAX-10091.....Hot Stick Wax 14oz.
- CPHSWAX-100912..... Can Hot Stick Wax (Case of 12)

- CPHSW-10188.....Hot Stick Wipes (50 pack)
- CPHSCK-10337.....Hot Stick Cleaning Kit

# Capacitor Discharge Tool

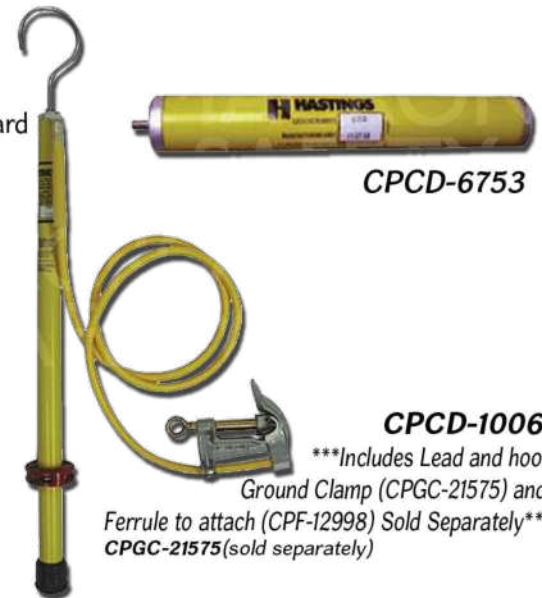
Safely drain the capacitive charge after the circuit is de-energized.  
Optional resistor available to limit discharge current.

Includes:

- 24" x 1-1/4" O.D. electrically tested (ASTM F711) fiberglass pole w/hand guard
- 1/4" stainless steel hook with 1-3/8" opening
- Grounding Lead - extra flexible No. 2 stranded copper grounding cable with safety yellow neoprene jacket with two hole, tin-plated copper lug terminated on one end in a heat-shrink sleeve
- Ground clamp sold separately
- Rubber tool holder for storage

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_

- CPCD-1004..... Tool with 6' Lead
- CPCD-1005..... Tool with 8' Lead
- CPCD-1006..... Tool with 10' Lead
- CPCD-1007..... Tool with 15' Lead
- CPCD-1008..... Tool with 20' Lead
- CPCD-21575.....Alum. Ground Clamp
- CPCD-12998.....Compression Ferrule
- CPCD-6753.....Add on Resistor Stick



**CPCD-6753**

**CPCD-1006**

\*\*\*Includes Lead and hook  
Ground Clamp (CPGC-21575) and  
Ferrule to attach (CPF-12998) Sold Separately\*\*\*  
CPGC-21575(sold separately)

Grounding and Guards

# Grounding Sets

Four way connector grounding sets provide an excellent system for grounding of 3 phase systems  
25kA 15 Cycles

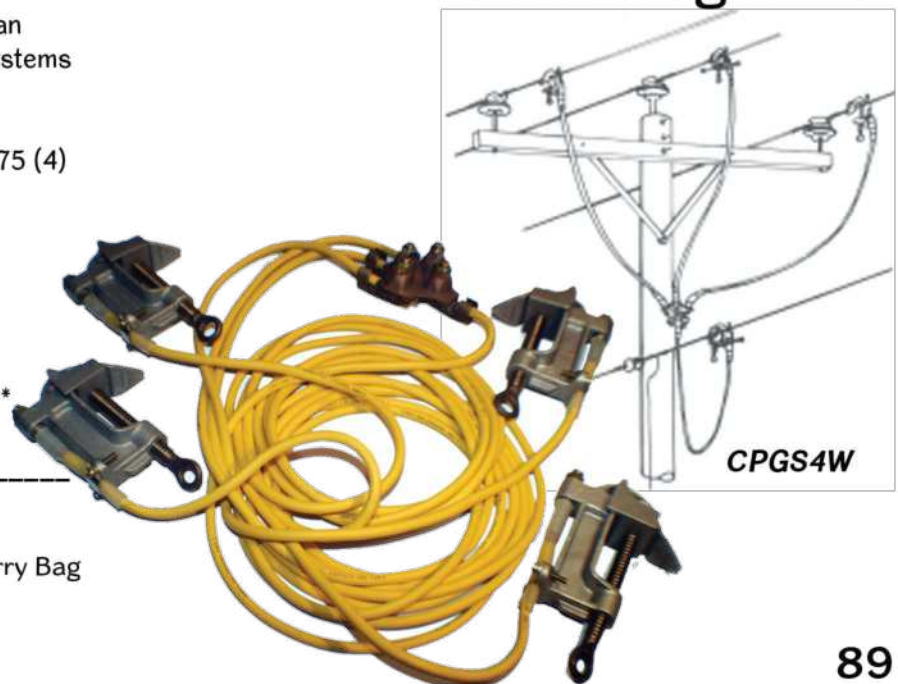
- Four Way Connector with Sleeves (1)
- 1.5" Serrated Jaw Clamps with Sleeves 21575 (4)
- Double Hanger Stud
- Contact Stud
- 3 leads of 1/0 Yellow Cable (10ft each)
- 1 lead of 1/0 Yellow Cable (8ft)
- Ferrules (4 pair)
- 26 lbs.

\*\*\*CUSTOM GROUNDING SETS ARE AVAILABLE\*\*\*

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_

- CPGS4W..... 4 Way Grounding Set

- CPGSB-4007..... Grounding System Carry Bag



**CPGS4W**



# Digital High/Low Voltage Phasing Meter



**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 CPPM-6702..... 0-40kV Digital Volt Meter with Conductor Hooks  
 Includes Carrying Case, Battery, and instructions  
 CPPM-6703..... Pair of Extension Resistors--Increase Operating Range  
 CPDPK-6711..... Digital Phasing Kit includes CPPM-6702 along with  
 additional Carrying Case and two 6' poles

- 3 Digit kV Digital Display with 1/2" tall digits
- Solid State Backlit Display
- 10' coiled cable (retracts to 16")
- Rugged plastic case accomodates CPPM-6703 and more
- Attached to two 1-1/4" x 12" Long Fiberglass Sticks. Female universal splines allow attachment to Universal Hot Sticks
- One Conductor hook (2" Diameter) and one 2-1/2" Straight Probe are provided

## Voltage Detector



- Non-contact high voltage detector
- Wide ranges of detection--80V to 275kV
- Eight switch-selectable voltage sensitivity ranges
- Lightweight--minimizes sway at the end of long hot sticks
- Audible and visual indication of live voltage
- Self-test ensures that all system functions and indications are working properly by energizing the complete system
- Designed for use with hot sticks incorporating a shotgun adapter
- 100% Electrically proof tested (ASTM F711)
- Includes foam case and batteries

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 CPVD275KV..... 80V-275KV

## Pole Guards



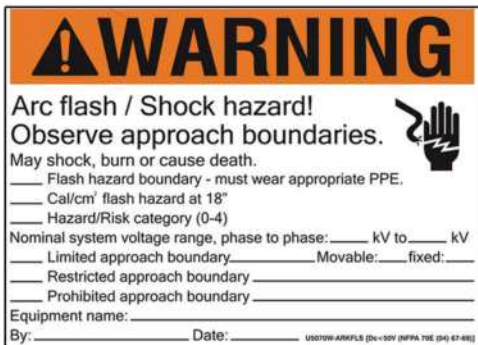
- Designed for easy installation and removal
- Guards are tested at 35kV
- Corrugated design allows unit to be easily opened for installation. Supplied with rubber straps to secure the guard to the pole. Strap can be removed with hot stick.
- Fits poles between 6"- 12" diameter
- Brush contact only

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 CPPG-11924..... 2' length  
 CPPG-11926..... 4' length  
 CPPG-11927..... 6' length

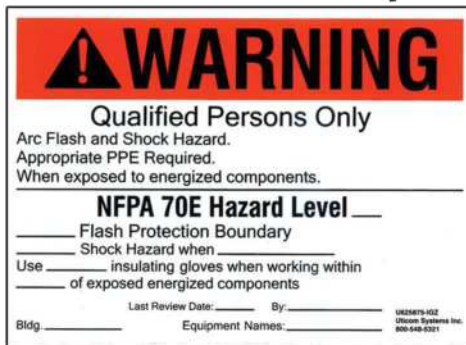
**CPPG-11927**



# Specialty Accessories



**CP-AFWL**



**CP-AFWL-QP**



**CP-AFWL-AB**



**CPW6X45**

## Signs and Labels

- PN \_\_\_\_\_ DESC \_\_\_\_\_
- CP-AFWL.....Arc Flash Warning Label (3.5" x 5")
  - CP-AFWL-AB.....Approach Boundary Arc Flash Warning Label (5" x 7")
  - CP-AFWL-QP..... Qualified Persons Arc Flash Warning Label (5.25" x 8.75")
  - CPW6X45..... 6" x 45" Long Pole Wrap for Hold Card (MOQ: 12)
  - CPW6X57.....6" x 57" Long Pole Wrap for Hold Card (MOQ: 12)

Signage / Barricades



## Barricades

- PN \_\_\_\_\_ DESC \_\_\_\_\_
- CHVBS-4C3B.....7 Piece Barricade System (includes 4 Traffic Cones, 3 Sliding Barricade Bars and System Storage Bag)
  - CP-BTC-6840..... Barricade Traffic Cone
  - CP-SBB-6850..... Sliding Barricade Bar
  - CP-BSCS-6851....Snap On Caution Sign
  - CP-BSDS-6852....Snap On Danger Sign
  - ST-HVBSB..... Barricade System Storage Bag
  - CP-WMRBS..... Retractable Belt Stanchion (pair)



# Insulating Rubber Products

## General Info

Insulating Rubber Products are essential to the safety of electrical workers. These items are designed primarily to prevent shock and electrocution.

**OSHA Standard 29 CFR 1910.137** provides the design requirements and in-service care and use requirements for electrical insulating gloves and sleeves as well as insulating blankets, matting, covers, and line hose.

As an accredited NAIL for PET laboratory, Cementex has the ability to provide both products and services to help keep qualified electricians in compliance with OSHA requirements and most importantly - SAFE.

All rubber products from Cementex are electrically tested and ready to be placed into service. A "Plain English" stamp (shown below) identifies the date of testing and the maximum use voltage of the item.

Cementex Products, Inc.  
Max Use: 7,500VAC | 11,250VDC  
Date Tested: \_\_\_\_\_



ID Tag	Class	AC Proof Test Voltage	AC Max Use Voltage	DC Proof Test Voltage	DC Max Use Voltage*
Beige	00	2,500	500	10,000	750
Red	0	5,000	1,000	20,000	1,500
White	1	10,000	7,500	40,000	11,250
Yellow	2	20,000	17,000	50,000	25,500
Green	3	30,000	26,500	60,000	39,750
Orange	4	40,000	36,000	70,000	54,000

OSHA Table I-4 Identifies test voltages.

\*Each glove and sleeve has a colored ID Tag labelled noting class and maximum voltage for which the glove may be used.

Rubber Insulating Equipment	When to Test	Governing Standard for Test Voltage
Blankets	Before first issue; every 12 months thereafter†	ASTM F 479
Covers	If insulating value is suspect	ASTM F 478
Gloves	Before first issue; every 6 months thereafter	ASTM F 496
Line Hose	If insulating value is suspect	ASTM F 478
Sleeves	Before first issue; every 12 months thereafter	ASTM F 496

OSHA Table I-5 Identifies test intervals.

\*If the insulating equipment has been electrically tested but not issued for service, the insulating equipment may not be placed into service unless it has been electrically tested within the previous 12 months.



Insulating Rubber



# Cementex Field Care, Inspection and Storage of Rubber Insulating Gloves (RIGs)

## PHYSICAL CLEANING

Clean gloves as necessary after use. Gloves should remain free of dirt or oil found on gloves when removing protectors.



In a sink wash gloves inside and out with mild soap/soapy water. Be sure not to wear rings or any damaging jewelry.



NOTES: Only soapy water or denatured alcohol should clean label area.

Rinse thoroughly with water.



Air dry gloves away from direct sunlight and sources of ozone or high heat (120°F / 49°C).

## STORAGE AND INSPECTION

RIGs should be stored in protective bag separately from protectors. This decreases stress on fingers.

Gloves should be placed in cuff down and with fingers facing up. Do not store gloves inside out and avoid any folds or creasing.



Store in cool, dark, and dry place avoiding heat, sunlight away from electrical discharges. Keep away from potential physical damages (sharp and/or heavy objects) and environmental damages (ozone, chemicals – oils, solvents, or damaging fumes).



Inspect for damage prior to use daily, and after any incident suspected of causing damage.

Use a glove inflator to expand the glove to 1-1/2 times – expansion stretches the rubber to check for physical damage such as punctures, cuts, knicks, cracks scratches or abrasions.

Check for chemical damages such as swelling, softness, hardness, or stickiness.



## WEAR AND RETEST

Mechanical protection is required to be worn over RIGs for protection against cuts, abrasions, and punctures. Leather Protectors can also offer additional protection to the gloves and worker.

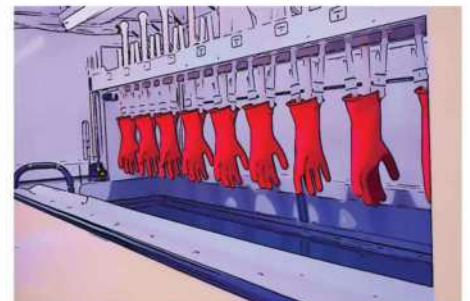


It is so important to wear gloves when required and as required. Comfort is critical. Either cotton glove liners or

glove talc may be exactly what is needed to provide additional comfort when wearing gloves.



OSHA mandates dielectric retests at least once every six (6) months in a NAIL-accredited laboratory per ASTM F496.





# Insulating Gloves

Manufactured using natural rubber in ISO manufacturing facilities, rubber insulating gloves provided by Cementex are compliant with OSHA 1910.137, OSHA 1910.268, NFPA 70E, CSA Z462, and exceed the ASTM D120 and European EN60903 standards for use around Electrical Hazards and Arc Flash Protection.

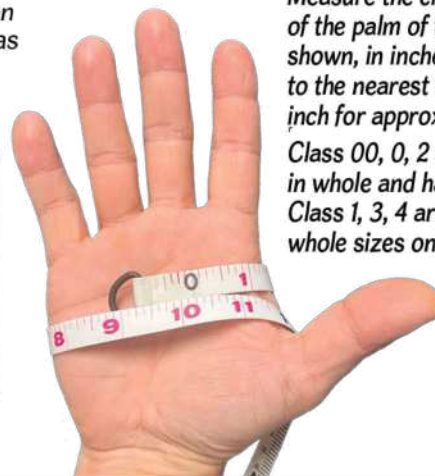
These gloves are made of natural rubber construction offering the required dielectric properties combined with flexibility, strength, and durability. Gloves feature rolled cuffs and are anatomically shaped thereby reducing hand fatigue. Each glove is chlorinated for maximum comfort. All classes of gloves are available in whole sizes. Class 00, 0, and 2 are also available in half sizes in various color options.

## OSHA Certification Requirements

All Cementex gloves ship tested and certified according to OSHA regulation 1910.137(b)(2)(xii) which states the employer shall certify that equipment has been tested in accordance with the requirements of paragraph (b)(2)(viii), (b)(2)(ix), and (b)(2)(xi) of this section. The certification shall identify the equipment that passed the test and the date it was tested.

Measure the circumference of the palm of the hand, as shown, in inches. Round up to the nearest half or whole inch for approximate sizing. Class 00, 0, 2 are available in whole and half sizes. Class 1, 3, 4 are available in whole sizes only.

Glove Kits Include: Insulating Rubber Gloves, TruFit Cinch Strap Protectors, and Cementex Canvas Storage Bag  
 Glove Color may be specified by the addition of -B=Black, -R=Red, -Y=Yellow  
 \*color availability indicated



Insulating Rubber Gloves



IG00-11-9B

Class 00 GLOVES	DESC
IG00-11-(SIZE)	Class 00 - 500VAC/750VDC - 11" OAL (black)
Class 00 GLOVE KITS	DESC
IGK00-11-(SIZE)	Class 00 - 500VAC/750VDC - 11" OAL (black) (OAL=Overall Length)

Class 0 GLOVES	DESC
IGO-11-(SIZE)	Class 0 - 1,000VAC/1,500VDC - 11" OAL (red, black, yellow)
IGO-14-(SIZE)	Class 0 - 1,000VAC/1,500VDC - 14" OAL (black, yellow)
IGO-14-(SIZE)YB-SC	Class 0 - 1,000VAC/1,500VDC - 14" OAL Dual Color (yellow over black)

Class 0 GLOVE KITS	DESC
IGK0-11-(SIZE)	Class 0 - 1,000VAC/1,500VDC - 11" OAL (red, black, yellow)
IGK0-14-(SIZE)	Class 0 - 1,000VAC/1,500VDC - 14" OAL (black, yellow) (OAL=Overall Length)



94 IGO-11-9Y



IGO-11-9R



IGO-11-9B



IGO-14-9YB-SC



IGO-14-9B



**Class 1 GLOVES** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 IG1-14-(SIZE).....Class 1 - 7,500VAC/11,250VDC - 14" OAL (black, yellow)  
 IG1-14-(SIZE)YB-SC.....Class 1 - 7,500VAC/11,250VDC - 14" OAL Dual Color  
 (yellow under black)  
 IG1-16-(SIZE).....Class 1 - 7,500VAC/11,250VDC - 16" OAL (black)

**Class 1 GLOVE KITS** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 IGK1-14-(SIZE).....Class 1 - 7,500VAC/11,250VDC - 14" OAL (black, yellow)  
 IGK1-16-(SIZE).....Class 1 - 7,500VAC/11,250VDC - 16" OAL (black)  
 (OAL=Overall Length)



IG1-14-9B

IG1-14-9YB-SC

**Class 2 GLOVES** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 IG2-14-(SIZE).....Class 2 - 17,000VAC/25,500VDC - 14" OAL  
 (red, black, yellow)  
 IG2-16-(SIZE).....Class 2 - 17,000VAC/25,500VDC - 16" OAL  
 (black)  
 IG2-16-(SIZE)YB-SC.....Class 2 - 17,000VAC/25,500VDC - 16" OAL  
 Dual Color (yellow under black)  
 IG2-16-(SIZE)YB-BC.....Class 2 - 17,000VAC/25,500VDC - 16" OAL  
 Bell Cuff - Dual Color (yellow under black)  
 IG2-18-(SIZE)YB-CC.....Class 2 - 17,000VAC/25,500VDC - 18" OAL  
 Contour Cuff - Dual Color (yellow under black)

**Class 2 GLOVE KITS** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 IGK2-14-(SIZE).....Class 2 - 17,000VAC/25,500VDC - 14" OAL  
 (red, black, yellow)  
 IGK2-16-(SIZE).....Class 2 - 17,000VAC/25,500VDC - 16" OAL  
 (black)  
 (OAL=Overall Length)



IG2-14-9B

IG2-14-9R

IG2-16-9B

IG2-16-9YB-SC

IG2-16-9YB-BC

IG2-18-9YB-CC

**Class 3 GLOVES** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 IG3-16-(SIZE).....Class 3 - 26,500VAC/39,750VDC - 16" OAL (black)  
 IG3-16-(SIZE)YB-SC.....Class 3 - 26,500VAC/39,750VDC - 16" OAL Dual Color  
 (yellow under black)  
 IG3-16-(SIZE)YB-BC.....Class 3 - 26,500VAC/39,750VDC - 16" OAL  
 Bell Cuff - Dual Color (yellow under black)  
 IG3-18-(SIZE)YB-CC.....Class 3 - 26,500VAC/39,750VDC - 18" OAL  
 Contour Cuff - Dual Color (yellow under black)

**Class 3 GLOVE KITS** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 IGK3-16-(SIZE).....Class 3 - 26,500VAC/39,750VDC - 16" OAL (black)  
 (OAL=Overall Length)



IG3-16-9B

IG3-16-9YB-SC

IG3-16-9YB-BC

IG3-18-9YB-CC

**Class 4 GLOVES** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 IG4-18-(SIZE).....Class 4 - 36,000VAC/54,000VDC - 18" OAL (black)  
 IG4-18-(SIZE)YB-SC.....Class 4 - 36,000VAC/54,000VDC - 18" OAL Dual Color  
 (yellow under black)  
 IG4-18-(SIZE)YB-BC.....Class 4 - 36,000VAC/54,000VDC - 18" OAL  
 Bell Cuff - Dual Color (yellow under black)  
 IG4-18-(SIZE)YB-CC.....Class 4 - 36,000VAC/54,000VDC - 18" OAL  
 Contour Cuff - Dual Color (yellow under black)

**Class 4 GLOVE KITS** \_\_\_\_\_ **DESC** \_\_\_\_\_  
 IGK4-18-(SIZE).....Class 4 - 36,000VAC/54,000VDC - 18" OAL (black)  
 (OAL=Overall Length)



IG4-18-9B

IG4-18-9YB-SC

IG4-18-9YB-BC

IG4-18-9YB-CC

Insulating Rubber Gloves



# TruFit® Leather Protectors

Quality Leather protectors result in better dexterity, comfort, and a safer working conditions for qualified workers. This fact has driven Cementex to create our TruFit® Leather Protectors. By using only premium materials and a new, more ergonomic design, we have created a safe and comfortable solution to energized work requirements. The newly designed palm and 3D-fingers create a more conforming fit around rubber gloves, reducing hand fatigue and greatly improving dexterity.

To get the utmost protection and life from rubber gloves, leather protectors should always be worn over the rubber gloves, while in use.

Leather protectors are to be used for the mechanical protection of rubber gloves and shall not be used alone for electrical protection per ASTM F696.

*Warning! Do not use leather protectors alone for protection against electric shock. Serious injury or death will result. Always use a properly rated insulating glove for the voltage being worked.*

**Arc Flash Protection** - per NFPA 70E Rubber insulating gloves with protectors provide arc flash protection in addition to electric shock protection. Higher class rubber insulating gloves with protectors, due to their increased material thickness, provide increased arc flash protection.

**TruFit® Low Voltage Leather Protectors** are constructed of Premium Top Grain Goat Hide providing a soft, flexible feel and excellent protection.

- Whole Sizes 8-12 (complementary fit for associated half sizes)
- 10" Overall Length (OAL)
- Designed for use over Class 00 and Class 0 Insulating Rubber Gloves
- Cinch Strap style is standard for kits\*  
\*transition based on inventory levels of elasticized style

**TruFit® High Voltage Leather Protectors** are constructed of Premium Top Grain Cow Hide providing a soft feel and our highest level of protection.

- Features Wrist Cinch Strap
- Whole Sizes 8-12 (complementary fit for associated half sizes)
- 12" Overall Length (OAL)
- Designed for use over Class 1, 2, 3 and 4 Insulating Rubber Gloves

PN \_\_\_\_\_ DESC \_\_\_\_\_  
 P0-10-(SIZE)\*..... Class 00/0 - 10" OAL TruFit® Protector  
 P0-10-(SIZE)CS... Class 00/0 - 10" OAL TruFit® Protector  
 with Cinch Strap

P2-12-(SIZE)..... Class 1/2/3/4 - 12" OAL TruFit® Protector

*\*NOTE: TruFit® Protector without cinch strap will have limited sizes and quantities as we transition to cinch strap style only.*



P0-10-9CS



P2-12-10 shown

Leather Protectors



# Glove Inflator

The Cementex Glove Inflator allows for simple, effective daily compliance. Physical inspection is just as important as your Dielectric Test! Do it the right way--inspect the entire glove tip to cuff and without breaking the bank!

## OSHA 1910.137(c)(2)(ii)

Insulating equipment shall be inspected for damage before use each day and immediately following any incident that can reasonably be suspected of causing damage. Insulating gloves shall be given an air test along with visual inspection.

- Easy-to-use design
- Non-slip base
- Comply with ASTM F496 and NFPA 70E
- Includes velcro strap and storage bag

PN \_\_\_\_\_ DESC \_\_\_\_\_  
 CPGI..... Glove Inflator  
 CPGI-VS.... Replacement Velcro Strap



How to Use



# Glove Talc

Cementex Gove Talc provides pure comfort

- No dangerous additives; designed for safe use with insulating goods.
- Will not damage Type I or Type II rubber.
- Absorbs moisture and perspiration
- Minimizes friction
- Prevents rubber from becoming 'sticky'

PN \_\_\_\_\_ DESC \_\_\_\_\_

- CPGT-6SB..... 6 oz. Bottle
- CPGT-12CB....Case of 6 oz. Bottles (12)
- CPGT-1QC.....1 Quart Container (32 oz.)
- CPGT-4QC.....Case of Quart Containers (4)
- CPGT-1GC.....1 Gallon Bottle
- CPGT-5GC.....5 Gallon Container



Glove Talc SDS



CPGT-6SB

Rubber Accessories



# Insulating Rubber Sleeves

Manufactured using natural rubber in ISO manufacturing facilities the rubber insulating sleeves provided by Cementex are compliant with OSHA 1910.137, OSHA 1910.268, NFPA 70E®, CSA Z462, and exceed the ASTM D1051 standards for use around Electrical Hazards and Arc Flash Protection.

These sleeves offer the required dielectric properties combined with flexibility, strength, and durability. Sleeves are anatomically shaped thereby providing optimal comfort and range of motion. Sleeves are chlorinated for maximum comfort and available in *Regular, Large, and Extra Large* in varying colors.

Insulating Rubber Sleeves share the colored Class Identification tags noted for Insulating Rubber Gloves.

Sleeve Kits Include: Insulating Rubber Sleeves, Sleeve Straps and Buttons, and Sleeve Bag.

Sizing Small (S), Regular (R), Extra Large (XL)

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_

SLV0-(SIZE)..... Class 0 Sleeves Only

SLVK0-(SIZE)..... Class 0 Sleeve Kit

SLV1-(SIZE)..... Class 1 Sleeves Only

SLVK1-(SIZE)..... Class 1 Sleeve Kit

SLV2-(SIZE)..... Class 2 Sleeves Only

SLVK2-(SIZE)..... Class 2 Sleeve Kit

SLVSTP-8POS..... Sleeve Straps: 8 Position Adjustable (1 Pair)

SLVBUT-4..... Sleeve Buttons (4 Pair)

SLVHB-2..... Sleeve Harness with Buttons (1 Pair)

**SLV2**



\*\*\*\*Sleeve color may vary.\*\*\*\*

**SLVSTP-8POS**



**\*\*NOTE:** Additional classes available individually or as kits upon request.\*\*

# Insulating Rubber Apron

Insulating Rubber Aprons were designed initially for work on and around battery storage systems where technicians must regularly reach over energized conductors to perform standard maintenance.

Utilizing Cementex Class 0 Roll Blankets as the base material, these aprons are made from high-strength, fabric-reinforced Type II rubber. This rubber is highly puncture- and tear-resistant, as well as flame (self-extinguishing), oil, and ozone-resistant.

Designed, manufactured, and tested in the USA in strict accordance to current ASTM F2320 specifications.

**PN** \_\_\_\_\_ **DESC** \_\_\_\_\_

APRON-0..... Class 0 Shock Protection Apron

APRON-0-WS..... Class 0 Apron with Waist Strap

APRON-0-WS2B...Apron Replacement Waist Strap/Buckle





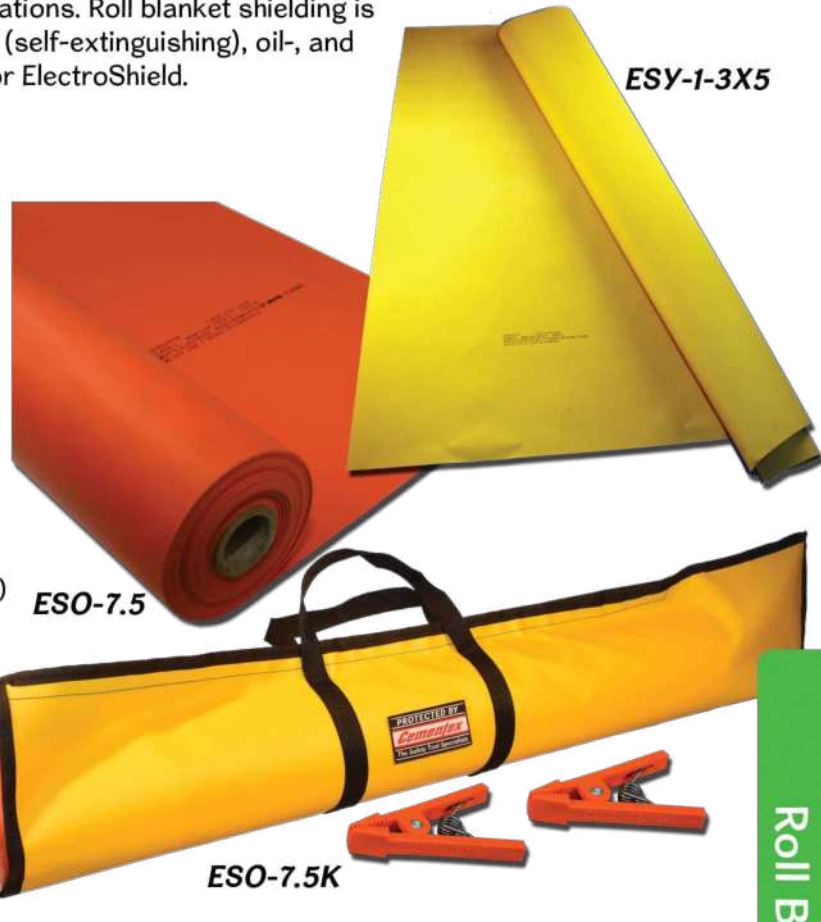
# Roll Blankets

Made from high-strength, fabric-reinforced Type II rubber, Cementex Roll Blankets, aka ElectroShield, allow custom-cut fit for each application at the job site. Designed, manufactured, and tested in the USA in strict accordance to current ASTM F2320 specifications. Roll blanket shielding is highly puncture- and tear-resistant, as well as flame- (self-extinguishing), oil-, and ozone-resistant. There are no retest requirements for ElectroShield.

PN	DESC
ESY-1.....	Class 0 Full Roll: 3' x 30' (Yellow)
ESY-1-2X3.....	Class 0 2' x 3' (Yellow)
ESY-1-3X3.....	Class 0 3' x 3' (Yellow)
ESY-1-3X5.....	Class 0 3' x 5' (Yellow)
ESY-1K.....	Class 0 Full Roll Kit: 3' x 30' (Yellow)
ESY-1RF.....	Class 0 By the foot* x 3' wide (Yellow)
ESO-7.5.....	Class 1 Full Roll: 3' x 30' (Orange)
ESO-7.5-3X3..	Class 1 2' x 3' (Orange)
ESO-7.5-3X5..	Class 1 3' x 3' (Orange)
ESO-7.5K.....	Class 1 Full Roll Kit: 3' x 30' (Orange)
ESO-7.5RF.....	Class 1 By the foot* x 3' wide (Orange)
PVC-7.5.....	Class 1 PVC Full Roll: 3' x 30' (Clear)
PVC-7.5K.....	Class 1 PVC Full Roll Kit: 3' x 30' (Clear)
ES-CLAMP.....	ElectroShield Clamp (Pair)
ES-CSB.....	ElectroShield Carry/Storage Bag

\*Remnant Foot lengths are limited to available remnant inventory.

Roll Blanket Shielding Kits Include: Clamps (Pair) and Carry/Storage Bag.



ESY-1-2424V

## ElectroShield with Velcro®

PN	DESC
ESY-1-1212V.....	Class 0 ElectroShield 12" x 12" with Velcro®
ESY-1-1236V.....	Class 0 ElectroShield 12" x 36" with Velcro®
ESY-1-1818V.....	Class 0 ElectroShield 18" x 18" with Velcro®
ESY-1-1836V.....	Class 0 ElectroShield 18" x 36" with Velcro®
ESY-1-2424V....	Class 0 ElectroShield 24" x 24" with Velcro®
ESY-1-2448V....	Class 0 ElectroShield 24" x 48" with Velcro®
ESY-1-3X3V.....	Class 0 ElectroShield 36" x 36" with Velcro®



ESY-1-1212V

ESY-1-1236V

Roll Blankets



# Low Voltage Insulating Blankets

Superior quality dielectric blankets are designed, manufactured, and tested in the USA in strict accordance to current ASTM D1048 specifications.

The Class Identification voltage rating system is the same as insulating rubber gloves but there is no colored identification tag.

Class 0 and Class 4 Blankets are both Type II: made of ozone-resistant EPDM synthetic rubber.

Class 2, Type I Blanket is made of natural rubber.

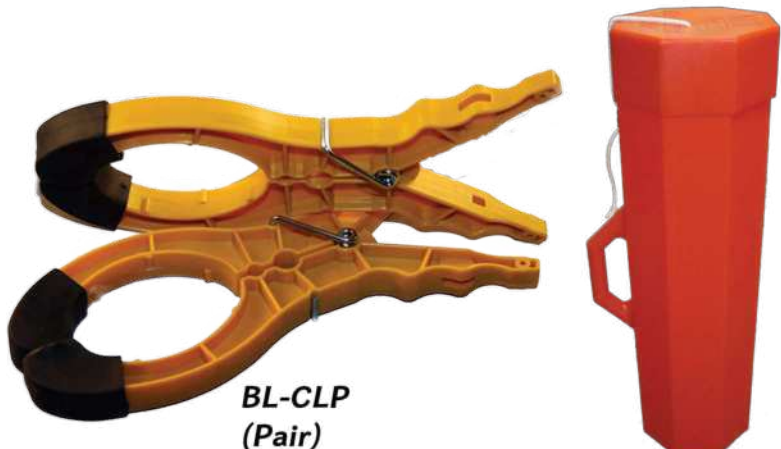
All blankets measure 36" x 36" unless otherwise identified.

Blanket Kits Include: Blanket Clamp Pins (Pair) and Canister (BLK-SC7)



Insulating Blankets

PN	DESC
BL-C0.....	Class 0 No Eyelets (Yellow)
BLK-C0.....	Class 0 Blanket Kit
BL-C2.....	Class 2 6 Eyelets (Black)
BLK-C2.....	Class 2 Blanket Kit
BL-C4.....	Class 4 6 Eyelets (Orange)
BLK-C4.....	Class 4 Blanket Kit
BL-C4-SLT.....	Class 4 Split 28 Eyelets (Orange)
BLK-C4-SLT..	Class 4 Split Blanket Kit
BL-CLP.....	Blanket Clamp Pins (Pair)
BL-CLP-HS....	Hot Stick Blanket Clamp Pins (Pair)
BL-MBT.....	Magnetic Blanket Button
BL-PNS.....	Two Way Button
BL-14VBS.....	14" Velcro Blanket Straps
BL-30VBS.....	30" Velcro Blanket Straps
BLK-SC4.....	4-1/2" I.D. Blanket Canister
BLK-SC6.....	6" I.D. Blanket Canister
BLK-SC7.....	7" I.D. Blanket Canister
BLK-SC7H.....	7" I.D. Blanket Canister with Handle
BLK-SC10H....	10" I.D. Blanket Canister with Handle



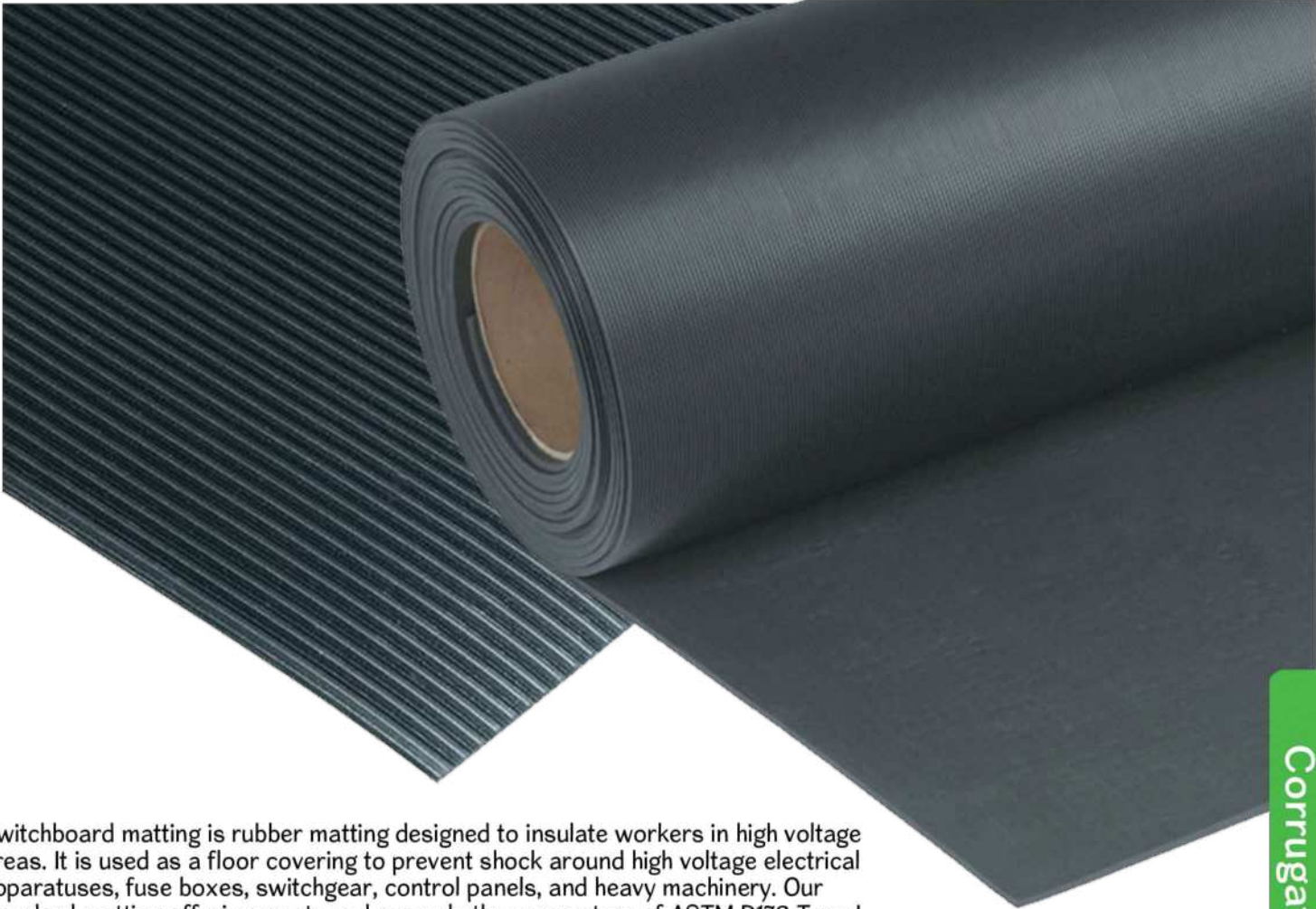
**BL-CLP**  
(Pair)

**BLK-SC10H**

*\*I.D. = Inside Diameter*



# Switchboard Matting



Corrugated Matting

Switchboard matting is rubber matting designed to insulate workers in high voltage areas. It is used as a floor covering to prevent shock around high voltage electrical apparatuses, fuse boxes, switchgear, control panels, and heavy machinery. Our standard matting offering meets and exceeds the parameters of ASTM D178 Type I.

Switchboard Matting is available in a number of custom-cut size variations. Full rolls of Class 1 (7.5kV\*), 2 (17kV\*), and 3 (26.5kV\*) measure: 36" Wide x 75' Long. Full rolls of Class 4 (46.5kV\*) measure: 36" Wide x 60' Long. Thicknesses vary based on class (see descriptions below). \*indicates Nominal Maximum Use Voltage

**\*NOTE:** Linear Foot ordering will be entered as the total number of feet required as the Quantity on the line. Comments on each line will indicate the number of pieces and feet each is to be cut (e.g., 2 pieces each cut 2' in length or similar (this would be a total quantity of 4).

PN	DESC
CPSM316-3675F.....	Class 1 3/16" Corrugated Roll (3'x75')
CPSM316-1LF.....	Class 1 3/16" Corrugated (Per foot)
CPSM140-3675F.....	Class 2 1/4" Corrugated Roll (3'x75')
CPSM140-1LF.....	Class 2 1/4" Corrugated (Per foot)
CPSM380-3675F.....	Class 3 3/8" Corrugated Roll (3'x75')
CPSM380-1LF.....	Class 3 3/8" Corrugated (Per foot)
CPSM120-3660F.....	Class 4 1/2" Corrugated Roll (3'x60')
CPSM120-1LF.....	Class 4 1/2" Corrugated (Per foot)

\*\*Type II matting offerings are available to custom order\*\*

ASTM D178 is a standard specification for rubber insulating matting used in electrical applications. It defines two types of matting: Type I and Type II. When selecting matting for electrical insulation purposes, it is important to consider the specific voltage requirements and application conditions to determine whether Type I or Type II matting is the most appropriate choice. The key differences between the two types are as follows:

**Voltage Class:** Type I matting is designed for use in low voltage applications, typically up to 1,000 volts. Type II matting is designed for higher voltage applications, usually up to 17,000 volts.

**Thickness:** Type I matting is generally thicker than Type II matting. Standard thickness for Type I matting ranges from 1/8" to 1/4", while Type II matting is typically available in thicknesses ranging from 1/8" to 3/8".

**Physical Properties:** Although both types of matting must meet certain performance requirements outlined in ASTM D178, there may be variations in physical properties such as tensile strength, elongation, hardness, and ozone resistance. These variations are intended to ensure that each type of matting is suitable for its intended voltage class and application.



# Arc Flash Protective Clothing PPE

OSHA has identified Arc Flash and Arc Blast as being a significant hazard. They have determined that workers shall be provided with clothing that does not worsen their condition if exposed to this multi-hazard event.

As a result of this identification and directive to protect, experts throughout North America came together to generate a consensus standard which would determine levels of protection. These categories of protection have been adopted by NFPA 70E® and CSA Z462 and identified as Arc Flash PPE Levels.

It is important to understand that these Arc Flash PPE Levels are not designed to protect from all injury, but to mitigate the impact of an Arc Flash on the individual. The first choice should always be to reduce or eliminate the hazard.

The Arc Flash PPE Levels identified below are derived from NFPA 70E® and CSA Z462 standards subject to periodic change. You should verify current requirements for your location and type of work to ensure compliance with local requirements and regulations.

(notes) Refer to NFPA 70E® Annex M Layering of Protective Clothing and Total System Arc Rating for complete details on layering. The Arc Rating of outer layers worn over arc-rated clothing, that are used as part of a layered system, shall NOT be required to be equal to or greater than the estimated incident energy exposure



When utilizing "Task Wear" for Arc Flash and Arc Blast PPE Base Layer garments must be considered. A recommended uniform configuration for Daily Wear would consist of long sleeve shirt and pants, capable of being fastened at the wrist and neck, constructed of non-melting or untreated natural fibers. Meltable fibers such as acetate, nylon, polyester, polypropylene, and spandex shall not be permitted in fabric underlayers.

\*an incidental amount of elastic used on nonmelting fabric underwear or socks shall be permitted.

## Arc Flash PPE Level 1



**Arc-Rated Clothing with a Minimum Arc-Rating of 4 cal/cm<sup>2</sup> (16.75J/cm<sup>2</sup>)**

- Arc-Rated long sleeve shirt and pants or Arc-Rated coverall
- Arc-Rated face shield or arc flash suit hood
- Arc-Rated jacket, parka, high-visibility apparel, rainwear, or hard hat liner as needed

### Protective Equipment

- Hard hat
- Safety glasses or goggles
- Ear canal insert hearing protection\*
- Heavy duty leather gloves, arc-rated gloves, or rubber insulating gloves with protectors
- Leather footwear as needed

## Arc Flash PPE Level 2



**Arc-Rated Clothing with a Minimum Arc-Rating of 8 cal/cm<sup>2</sup> (33.5J/cm<sup>2</sup>)**

- Arc-Rated long sleeve shirt and pants or Arc-Rated coverall
- Arc-Rated face shield and Arc-Rated balaclava or Arc-Rated flash suit hood
- Arc-Rated jacket, parka, high-visibility apparel, rainwear, or hard hat liner as needed

### Protective Equipment

- Hard hat
- Safety glasses or goggles
- Ear canal insert hearing protection\*
- Heavy duty leather gloves, arc-rated gloves, or rubber insulating gloves with protectors
- Leather footwear

## Arc Flash PPE Level 3



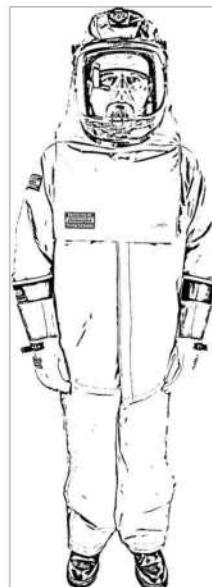
**Arc-Rated Clothing selected so the system's Arc Rating meets the required Minimum Arc Rating of 25 cal/cm<sup>2</sup> (104.7J/cm<sup>2</sup>)**

- Arc-Rated long-sleeve shirt
- Arc-Rated pants
- Arc-Rated coverall
- Arc-Rated flash suit jacket
- Arc-Rated flash suit pants
- Arc-Rated arc flash suit hood
- Arc-Rated gloves or rubber insulating gloves with protectors
- Arc-Rated jacket, parka, high-visibility apparel, rainwear, or hard hat liner as needed

### Protective Equipment

- Hard hat
- Safety glasses or goggles
- Ear canal insert hearing protection\*
- Leather footwear

## Arc Flash PPE Level 4



**Arc-Rated Clothing selected so the system's Arc Rating meets the required Minimum Arc Rating of 40 cal/cm<sup>2</sup> (167.5J/cm<sup>2</sup>)**

- Arc-Rated long-sleeve shirt
- Arc-Rated pants
- Arc-Rated coverall
- Arc-Rated flash suit jacket
- Arc-Rated flash suit pants
- Arc-Rated arc flash suit hood
- Arc-Rated gloves or rubber insulating gloves with protectors
- Arc-Rated jacket, parka, high-visibility apparel, rainwear, or hard hat liner as needed

### Protective Equipment

- Hard hat
- Safety glasses or goggles
- Ear canal insert hearing protection\*
- Leather footwear

\*Other types of hearing protection are permitted to be used in lieu of or in addition to ear canal inserts provided they are worn under an arc-rated arc flash suit hood.



# Cementex Arc Flash Task Wear Clothing Overview

## UltraLite Series

The Cementex UltraLite Series utilizes innovative design along with the latest and greatest technologies to make the lightest, most comfortable Arc Flash PPE Task Wear available. Including many features of the "Feature Series", American sewn fabrics and "Made In the USA" construction, this is the pinnacle in Arc Flash PPE available today.

Why Choose the "UltraLite Series"... your:

- primary goal/objective is safety
- work environments are in warm/hot locations
- company has substantial live-work necessities requiring long durations or frequent use of Arc Flash PPE
- need is for the top level in comfort, options, efficient use and protection.



## Feature Series

The Cementex Feature Series is designed for those looking for that next level of comfort, safety, durability and protection. With the ultimate focus on safety and usability, we've included the features that set this series apart from the competition. Made with USA labor ensuring quality and peace of mind.

Why Choose the "Feature Series"... your:

- primary goal/objective is safety
- workforce has a need for more diverse clothing options and a variety of clothing type
- company has frequent live-work necessities requiring regular use of Arc Flash PPE and durable equipment.
- need is for the next level in comfort, options, efficient use and protection.



## Contractor Series

The Cementex Contractor Series is designed for those looking for a lower cost option without sacrificing quality or safety. By minimizing costly features and still using premium USA labor, Cementex has created the perfect blend of safe Arc Flash Protection at an economical price.

Why Choose the "Contractor Series"... your:

- primary goal/objective is safety
- budget is tight but protecting your people is paramount
- company has minimal live-work necessities
- need is a simple solution to an often complex problem





# CONTRACTOR SERIES

The perfect blend of premium quality safety equipment in an affordable package. This series provides qualified electricians the coverage and safety they can trust and the value they require in complying with OSHA, NFPA 70E and CSA guidelines.

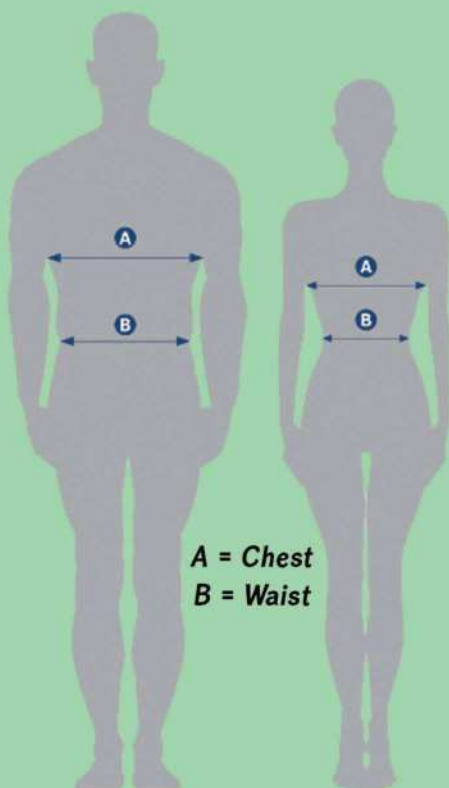
The Contractor Series minimizes unnecessary and costly features while still using premium Made in the USA manufacturing. With a generous fit, garments wear well on many body types, ensuring proper coverage for a safe fit and function.

The Contractor Series is available as **individual items** and conveniently configured **kits** to fit your specific requirements. We have many preconfigured kits that will satisfy most situations, however, custom kit combinations are available upon request and may include varying size of coat and pant and/or short or tall sizing.

Lower cost but loaded with features:

- Two-way covered FR Velcro® open front for easy entrance and removal
- FR Velcro® Wrist and Ankle straps for easy donning, removal, and adjustment while wearing boots
- FR Elastic Waist for comfort fit
- Anti-fog Face Shields
- Available in sizes S-5X with a standard 32" inseam
- Meets current ASTM F1506 standards
- Meets current ASTM F1959/F1959M-99

Contractor



## Contractor Series Sizing

### USER BODY MEASURES:

	S	M	L	XL	2X	3X	4X	5X
Chest (In.)	36	39	42	46	50	54	58	62
Waist (In)	30	33	36	40	44	48	52	56

### GARMENT MEASUREMENTS:

	S	M	L	XL	2X	3X	4X	5X
<b>Coat Measurements</b>								
Chest (In.)	46	49	52	56	60	64	68	72
<b>Pant/Bib Measurements</b>								
Waist (In)	34	37	40	44	48	52	56	60
<b>Coverall Measurements</b>								
Chest (In.)	46	49	52	56	60	64	68	72
Waist (In)	36	39	42	46	50	54	58	62
**Standard Inseam 32", typically accomodates 5'9"-6'3"***								
***Custom Sizing Available***								



# 8.3 cal/cm<sup>2</sup> Contractor Series Task Wear

Developed as a simple solution to an often complex problem. The Level 2 Contractor Series Task Wear provides premium safety and protection while maintaining simplicity and affordability. There is no sacrifice in safety, functionality or ease-of-use when selecting the Level 2 Contractor Series in complying with OSHA, NFPA and CSA guidelines.

## Coveralls:

- Two-way covered FR Velcro® open front for easy entrance and removal
- FR Velcro® Wrist and Ankle straps for easy donning, removal, and adjustment while wearing boots
- FR Elastic Waist for comfort fit

## Kits include coverall and storage option noted plus:

- Cementex 12 cal/cm<sup>2</sup> Arc Rated Face Shield
- Class E Hard Hat
- Cementex 12 cal/cm<sup>2</sup> Balaclava Hood
- Safety Glasses and Ear Canal Inserts
- Insulating Rubber Glove Kit (optional)

\*Backpack Kits with gloves exclude:  
Gloves Kit Canvas Storage Bag

- TR-9ELK: 9 Pc Basic Electricians Tool Roll with kits Including tools  
(Canister Kits not available with tools)



PN \_\_\_\_\_ 8.3 cal/cm<sup>2</sup> Contractor Series \_\_\_\_\_  
CCVL8-(SIZE).....Coverall (Navy)

CSCAK-(SIZE).....Coverall Kit in a Standard Duffle Bag  
CSTCAK-(SIZE).....Coverall Kit in a Standard Duffle Bag plus Tools

BPK-CSCAK-(SIZE).....Coverall Kit in a Deluxe Backpack  
BPK-CSTCAK-(SIZE)...Coverall Kit in a Deluxe Backpack plus Tools

AFSC-CSCAK-(SIZE)...Coverall Kit in an Arc Flash Storage Canister



**CSCAK**  
\*SHOWN WITH GLOVES OPTION\*

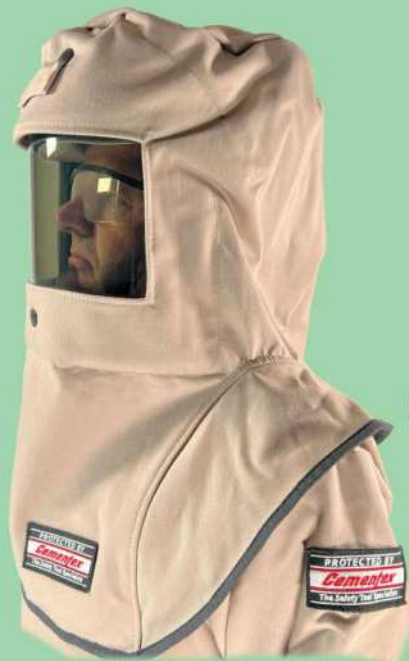


Contractor



# 40 cal/cm<sup>2</sup> Contractor Series Task Wear

The 40 cal/cm<sup>2</sup> garments of this series have been a staple of the industry for some time. With sturdy, Made in the USA construction and fabrics, this product has stood the toughest tests the industry could throw at it. Utilizing premium FR Treated Cotton and featuring a generous fit, the 40 cal/cm<sup>2</sup> Contractor Series maintains high quality comfort, durability, and wearability.



## HRC4-AFH-CGS

- Energy Absorbing Polycarbonate Lens
- 51% Visible Light Transmission (VLT)
- Scratch Resistant Coating
- Anti-Fog Faceshield

### COATS/COVERALL:

- FR Hook and Loop front closure for easy and rapid removal
- FR Hook and Loop wrist adjustment for function with insulating rubber gloves
- FR hook and loop ankle adjustment for easy fit over boots

### PANTS/BIB:

- Quick connect shoulder straps for easy access and removal (Bib)
- FR hook and loop hip closure and ankle adjustment

### Hood:

- Traditional construction style
- Hood Light (optional)
- All Contractor Series Hoods are "Vent Ready" and may be upgraded to include a ventilation fan system.

PN \_\_\_\_\_ 40 cal/cm<sup>2</sup> Contractor Series \_\_\_\_\_

HRC4-CT-(SIZE)..... Coat (Khaki)

HRC4-OA-(SIZE)..... Pant/Bib (Khaki)

HRC4-CVL-(SIZE)..... Coverall (Khaki)

HRC4-AFH-CGS..... Arc Flash Hood (Khaki)



KITS IDENTIFIED BELOW  
INCLUDE ST-DBS  
CEMENTEX STANDARD  
DUFFEL BAG



ADD PREFIX "AFSC-"  
FOR UPGRADE TO THE  
ARC FLASH  
STORAGE CANISTER KIT



ADD PREFIX "BPK-"  
FOR UPGRADE TO THE  
DELUXE BACKPACK KIT



**TR-9ELK**

**KITS INCLUDE:**

- All kits include
  - Arc Flash Suit and Class E Hard Hat
  - Safety Glasses and Ear Canal Inserts
  - (optional) Hood Vent Fan Upgrade ("V")
- Standard Duffel Kits
  - (optional) Insulating Rubber Glove Kit
  - (optional) TR-9ELK: 9 Pc Basic Electricians Tool Roll
- Backpack Kits ("BPK-" Prefix)
  - (optional) Insulating Rubber Gloves and protectors
  - \*DOES NOT include Canvas Storage Bag\*
  - (optional) TR-9ELK: 9 Pc Basic Electricians Tool Roll
- Storage Canister Kits ("AFSC-" Prefix)
  - (optional) Insulating Rubber Glove Kit



**HRC4-CK**

\*SHOWN WITH GLOVES OPTION\*



**HRC4-K**

\*SHOWN WITH GLOVES OPTION\*

**PN \_\_\_\_\_ 40 cal/cm<sup>2</sup> Contractor Series Kits \_\_\_\_\_**

- HRC4-K-(SIZE).....Coat / Pant Kit in a Standard Duffel Bag
- HRC4-KV-(SIZE).....Coat / Pant Kit in a Standard Duffel Bag w/ Vent Fan
- HRC4-CK-(SIZE)..... Coverall Kit in a Standard Duffel Bag
- HRC4-CKV-(SIZE).....Coverall Kit in a Standard Duffel Bag w/ Vent Fan

- BPK-HRC4K-(SIZE)..... Coat / Pant Kit in a Deluxe Backpack
- BPK-HRC4KV-(SIZE).....Coat / Pant Kit in a Deluxe Backpack w/ Vent Fan
- BPK-HRC4CK-(SIZE)..... Coverall Kit in a Deluxe Backpack
- BPK-HRC4CKV-(SIZE).....Coverall Kit in a Deluxe Backpack w/ Vent Fan

- AFSC-HRC4K-(SIZE)..... Coat / Pant Kit in an Arc Flash Storage Canister
- AFSC-HRC4KV-(SIZE).....Coat / Pant Kit in an Arc Flash Storage Canister w/ Vent Fan
- AFSC-HRC4CK-(SIZE)..... Coverall Kit in an Arc Flash Storage Canister
- AFSC-HRC4CKV-(SIZE).Coverall Kit in an Arc Flash Storage Canister w/ Vent Fan



# FEATURE SERIES

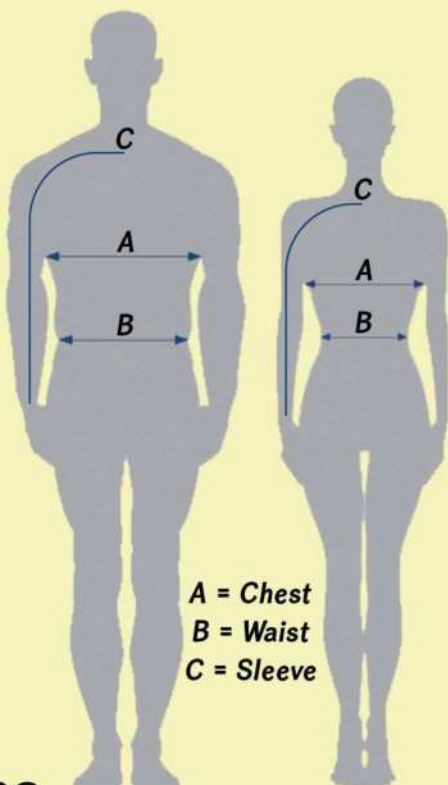
The Cementex Feature Series is designed for those looking for the next level of arc flash safety protection, comfort, and durability. This series provides qualified electricians the coverage and safety they can trust while providing those extra features and options they prefer in complying with OSHA, NFPA 70E and CSA guidelines.

With standard features such as Nomex® wrist cuffs along with vertical and horizontal FR hook and loop ankle closure and adjustment, the Feature Series has an ultimate focus on safety and function. Its features, however, are what set it apart from the competition. With a generous fit, garments wear well on many body types, ensuring proper coverage for a safe fit and function. Made with USA labor to insure quality and peace of mind.

The Feature Series is available as **individual items** and conveniently configured **kits** to fit your specific requirements. We have many preconfigured kits that will satisfy most situations, however, custom kit combinations are available upon request and may include varying size of coat and pant and/or short or tall sizing.

- Westex® Ultra Soft® FR Treated Cotton
- FR Velcro® front closures for a secure connection, easy access, and rapid removal in the event of arc exposure
- FR Velcro® calf/ankle closure for easy access and fit adjustment while wearing boots
- Coverall includes elastic back for comfortable fit and ease of movement
- Nomex® knit wrist cuffs on all coats and coveralls for use with rubber insulating gloves
- Bib/Pants have easily adjustable "quick disconnect" shoulder straps
- Anti-Fog Face Shields
- Available in sizes S-5X with a standard inseam of 32"
- Meets current ASTM F1506 standards
- Meets current ASTM F1959/F1959M-99

## Feature Series Sizing GARMENT MEASUREMENTS:



	S	M	L	XL	2X	3X	4X	5X
<b>Coat Measurements</b>								
Chest (In.)	37-41	40-44	43-47	46-50	49-53	52-56	55-59	58-62
Sleeve (In)	36	37	38	39	40	40	41	60
<b>Lab Coat Measurements</b>								
Chest (In.)	27-31	31-35	35-39	39-43	43-43	46-50	50-54	54-58
Sleeve (In)	34	34.5	35	35.5	36	36.5	37	37.5
<b>Parka Coat Measurements</b>								
Chest (In.)	32-36	36-40	40-44	44-48	48-52	52-56	56-60	60-64
<b>Pant/Bib Measurements</b>								
Chest (In.)	31-34	34-37	37-40	40-44	44-48	48-52	52-56	56-60
Waist (In)	33-35	36-38	39-41	45-45	46-49	50-53	54-57	58-61
<b>Coverall Measurements</b>								
Chest (In.)	30-34	34-38	38-42	42-46	46-50	50-54	54-58	58-62
Waist (In)	28-32	32-34	34-38	38-42	42-46	46-50	50-54	54-58
**Standard Inseam 32", typically accomodates 5'9"-6'3"***								
***Custom Sizing Available***								



# 12 CAL/CM<sup>2</sup> FEATURE SERIES TASK WEAR

Developed after years of research, our Level 2 Feature Series Task Wear provides premium safety and protection while offering the variety of clothing types and configurations preferred by top professionals. Made with 9oz. Westex® UltraSoft® and all FR Hook and Loop closures quick and easy removal are never an issue. Nomex® wrist cuffs prevent sleeves from slipping up when reaching and ensure proper coverage.

There are no sacrifices made when selecting the Feature Series for complying with the Arc Flash PPE Level 2 requirements of OSHA, NFPA and CSA.

## COATS/COVERALL:

- FR Hook and Loop front closure for easy and rapid removal
- Nomex® wrist cuffs for superior function with insulating rubber gloves
- FR hook and loop ankle/calf adjustment for easy fit over boots
- Coverall includes elastic back for comfortable fit and ease of movement

## PANTS/BIB:

- Quick connect shoulder straps for easy access and removal (Bib)
- FR hook and loop hip closure and ankle/calf adjustment

## HOOD:

- Traditional construction style
- Anti-fog clear gray lens

## LEGGINGS:

- Traditional construction style
- Anti-fog clear gray lens



**CFRCA12**  
\*SHOWN WITH GLOVES OPTION\*

**CL2K**  
\*SHOWN WITH GLOVES OPTION\*

## PN \_\_\_\_\_ 12 cal/cm<sup>2</sup> Feature Series \_\_\_\_\_

- CCT12-(SIZE)..... Coat 32" Length (Navy)
- CLC12-(SIZE)..... Lab Coat 42" Length (Navy)
- CLCT12-(SIZE)..... Long Coat 49" Length (Navy)
- CPK12-(SIZE)..... Parka with Hood (Navy)
- CPT12-(SIZE)..... Pant/Bib (Navy)
- CCVL12-(SIZE)..... Coverall (Navy)
- CLEG12-(SIZE)..... Leggings (Navy)
- AFH-12CH-G..... 12 cal/cm<sup>2</sup> Indura® Ultra Soft® FR Treated Cotton with Hard Hat

## PN \_\_\_\_\_ 12 cal/cm<sup>2</sup> Feature Series Kits \_\_\_\_\_

- CL2K-(SIZE)..... Coat / Pant Duffel Bag Kit
- CFRLC12-(SIZE)..... Lab Coat Duffel Bag Kit
- CFRLGC12-(SIZE).... Long Coat / Leggings Duffel Bag Kit
- CFRPK12-(SIZE)..... Parka Duffel Bag Kit
- CFRCA12-(SIZE)..... Coverall Duffel Bag Kit

- BPK-CL2K-(SIZE).... Coat / Pant Backpack Kit with Tools
- BPK-CFRLC12-(SIZE).... Lab Coat Backpack Kit with Tools
- BPK-CFRCA12-(SIZE).... Coverall Backpack Kit with Tools

- AFSC-CL2K-(SIZE)..... Coat / Pant Kit in an Arc Flash Storage Canister
- AFSC-CFRLC12-(SIZE).. Lab Coat Kit in an Arc Flash Storage Canister
- AFSC-CFRCA12-(SIZE).. Coverall Kit in an Arc Flash Storage Canister

Kits include clothing and storage option noted plus:

- Cementex 12 cal/cm<sup>2</sup> Arc Rated Face Shield
- Class E Hard Hat
- Cementex 12 cal/cm<sup>2</sup> Balaclava Hood
- Safety Glasses and Ear Canal Inserts
- Insulating Rubber Glove Kit (optional)

\*Backpack Kits with gloves exclude:  
Gloves Kit Canvas Storage Bag

- TR-9ELK: 9 Pc Basic Electricians Tool Roll with (BPK) backpack kits Including tools (Canister Kits not available with tools)



Feature



# 21 cal/cm<sup>2</sup> Feature Series Task Wear



**CS21CK**  
\*SHOWN WITH  
GLOVES OPTION\*

The 21 cal/cm<sup>2</sup> Feature Series Task Wear provides premium safety and protection for those requiring that specific level of arc flash protection. With all FR hook and loop closures easy and rapid removal is no issue with these garments. Nomex® wrist cuffs prevent sleeves from slipping up when reaching and maintain proper coverage and protection.

There are no sacrifices made when selecting the 21 cal/cm<sup>2</sup> Feature Series in complying with OSHA, NFPA and CSA guidelines.

#### COATS/COVERALL:

- FR Hook and Loop front closure for quick and easy removal
- Nomex® wrist cuffs for superior performance with insulating rubber gloves
- FR hook and loop ankle/calf adjustment for easy fit over boots

#### PANTS/BIB:

- Quick connect shoulder straps for easy access and removal (Bib)
- FR hook and loop hip closure and ankle/calf adjustment

#### Hood:

- Traditional construction style
- Hood Light (Light-1) may be attached with included FR Hook and loop adhesive (optional)

#### KITS INCLUDE:

- All kits include
  - Arc Flash Suit Hood and Class E Hard Hat
  - Safety Glasses and Ear Canal Inserts
- Standard Duffel Kits
  - (optional) Insulating Rubber Glove Kit
  - (optional) TR-9ELK: 9 Pc Basic Electricians Tool Roll
- Backpack Kits ("BPK-" Prefix)
  - (optional) Insulating Rubber Gloves and protectors
  - \*DOES NOT include Canvas Storage Bag\*
  - (optional) TR-9ELK: 9 Pc Basic Electricians Tool Roll
- Storage Canister Kits ("AFSC-" Prefix)
  - (optional) Insulating Rubber Glove Kit

PN	21 cal/cm <sup>2</sup> Feature Series
CS21CT-(SIZE).....	Coat 32" Length (Navy)
CS21PT-(SIZE).....	Pant/Bib (Navy)
CS21OP-(SIZE).....	OverPant (Navy)
CS21CVL-(SIZE).....	Coverall (Navy)
CS21HOOD-G.....	Arc Flash Hood (Navy)

PN	21 cal/cm <sup>2</sup> Feature Series Kits
CS21K-(SIZE).....	Coat / Pant Kit in Standard Duffel
CS21CK-(SIZE).....	Coverall Kit in Standard Duffel

BPK-CS21K-(SIZE)..... Coat / Pant Backpack Kit  
BPK-CS21CK-(SIZE)..... Coverall Backpack Kit

AFSC-CS21K-(SIZE)..... Coat / Pant Kit in an Arc Flash Storage Canister  
AFSC-CS21CK-(SIZE)..... Coverall Kit in an Arc Flash Storage Canister



Feature



# 40 cal/cm<sup>2</sup> Feature Series Task Wear

The 40 cal/cm<sup>2</sup> Feature Series Task Wear provides premium safety and protection. With all FR hook and loop closures, easy and rapid removal is simple. Nomex® wrist cuffs prevent sleeves from sliding up when reaching to maintain proper coverage and protection. There are no sacrifices in quality, comfort or protection when selecting the 40 cal/cm<sup>2</sup> Feature Series to comply with OSHA, NFPA and CSA guidelines.

## COATS & COVERALL:

- FR Hook and Loop front closure for easy and rapid removal
- Nomex® wrist cuffs for superior function with insulating rubber gloves

## PANTS/BIB:

- Quick connect shoulder straps for easy access and removal (Bib)
- FR hook and loop hip closure

## PANTS/BIB/COVERALL:

- FR hook and loop ankle adjustment for easy fit over boots
- Two slash pockets for easy base layer access

## COVERALL:

- Elastic back for comfortable fit and ease of movement

## LEGGINGS:

- Traditional construction style
- Anti-fog clear gray lense

## HOOD:

- Traditional construction style
- Hood Light (Light-1) may be attached with included FR Hook and loop adhesive (available separately)
- Feature Series hoods with Vent Fans are constructed specifically for this feature. Only these specifically constructed hoods may include a ventilation fan system.



AFH40-FR-G



CCT40



CLCT40



CLEG40

CL4K  
\*SHOWN WITH GLOVES OPTION\*

CL4K  
\*SHOWN WITH GLOVES OPTION\*

## PN \_\_\_\_\_ 40 cal/cm<sup>2</sup> Feature Series \_\_\_\_\_

- CCT40-(SIZE).....Coat 32" Length (Navy)
- CLCT40-(SIZE)..... Long Coat 49" Length (Navy)
- CPT40-(SIZE)..... Pant/Bib (Navy)
- CCVL40-(SIZE)..... Coverall (Navy)
- CLEG40-(SIZE).....Legging (Navy)
- AFH40-FR-G..... Arc Flash Hood (Navy)
- AFH40-FR-FAN-G.....Arc Flash Hood with Vent Fan (Navy)
- AFH40-LH-C..... Arc Flash Lift Front Hood (Navy)
- AFH40-FR-G-RL..... Replacement Lens (Navy)

## KITS INCLUDE:

- All kits include
  - Arc Flash Suit Hood and Class E Hard Hat
  - Safety Glasses and Ear Canal Inserts
  - (optional) Hood Vent Fan Upgrade ("V")
- Standard Duffel Kits
  - (optional) Insulating Rubber Glove Kit
  - (optional) TR-9ELK: 9 Pc Basic Electricians Tool Roll
- Backpack Kits ("BPK-" Prefix)
  - (optional) Insulating Rubber Gloves and protectors
- \*DOES NOT include Canvas Storage Bag\*
- (optional) TR-9ELK: 9 Pc Basic Electricians Tool Roll
- Storage Canister Kits ("AFSC-" Prefix)
  - (optional) Insulating Rubber Glove Kit

## PN \_\_\_\_\_ 40 cal/cm<sup>2</sup> Feature Series Kits \_\_\_\_\_

- CL4K-(SIZE).....Coat / Pant Kit in a Standard Duffel Bag
- CL4KV-(SIZE).....Coat / Pant Kit in a Standard Duffel Bag w/ Vent Fan
- CL4LCK-(SIZE).....Long Coat and Legging Kit in a Standard Duffel Bag
- CL4LCKV-(SIZE)..... Long Coat and Legging Kit in Standard Bag w/Vent Fan
- CL4CK-(SIZE)..... Coverall Kit in a Standard Duffel Bag
- CL4CKV-(SIZE).....Coverall Kit in a Standard Duffel Bag w/ Vent Fan
- BPK-CL4K-(SIZE).....Coat / Pant in a Deluxe Backpack Kit
- BPK-CL4CK-(SIZE).....Coverall in a Deluxe Backpack Kit
- AFSC-CL4K-(SIZE).....Coat / Pant Kit in an Arc Flash Storage Canister
- AFSC-CL4CK-(SIZE).....Coverall Kit in an Arc Flash Storage Canister



Feature



# ULTRALITE SERIES

The Cementex UltraLite Series blends innovative design, tech and USA manufacturing to make the lightest, most comfortable Arc Flash PPE Task Wear available. The gray color not only allows for easy recognition of contaminated areas but has a significantly “cooler” feel in the outdoor sun.

This series includes many of the useful benefits of the “Feature Series” maximizing functionality, comfort and efficiency providing premium arc flash protection. We always consider how these items will be used in the field and how they will interact with other PPE such as insulating rubber gloves, hand tools, etc...

The UltraLite Series is available as **individual items** and conveniently configured **kits** to fit your specific requirements. We have many preconfigured kits that will satisfy most situations, however, custom kit combinations are available upon request and may include varying size of coat and pant and/or short or tall sizing.

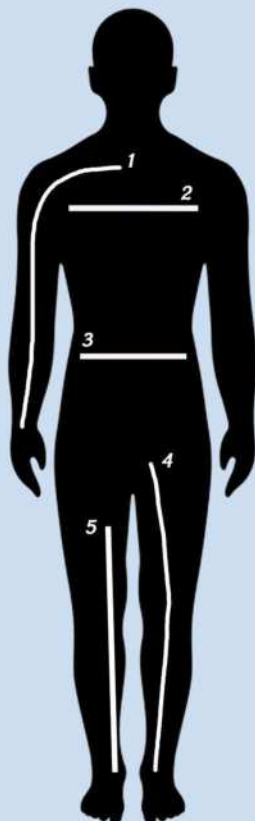
Cementex UltraLite Task Wear is proudly made with USA labor to ensure quality, consistency and peace of mind.

- Available in sizes S-5X with a standard inseam of 32”
- Meets current ASTM F1506 standards
- Meets current ASTM F1959/F1959M-99

## UltraLite Sizing

Proper Measurement Points

- 1) **Sleeve** - Start at the back of the neck and measure along the top of the arm to the wrist
- 2) **Chest** - Measure under armpits and around shoulder blades at the widest part of chest
- 3) **Waist** - Measure loosely around waist where a belt would sit
- 4) **Inseam** - Measure the inside of the leg start from crotch to an inch below the ankle



### ULTRALITE SERIES SIZE CHART

(In.)	S	M	L	XL	2X	3X	4X	5X
CHEST (2)	36-38	40-42	44-46	48-50	52-54	56-58	60-62	64-66
WAIST (3)	32-34	36-38	40-42	44-46	48-50	52-54	56-58	60-62
SLEEVE (1)	34.5	35.5	36.5	37.5	39	40.5	42	43.5
INSEAM (4)	32	32	32	32	32	32	32	32
PANT LEG (5)	23	23.5	24	25	26	27	28	28

THE MEASUREMENTS ABOVE ARE IN ACTUAL INCHES AND MAY NOT REFLECT HOW GARMENTS ARE FAMILIARLY SIZED. IF YOU HAVE ANY QUESTIONS ABOUT SIZING PLEASE CONTACT YOUR REPRESENTATIVE  
\*\*STANDARD INSEAM 32” SHORT 30” TALL 34”  
\*\*\*CUSTOM SIZING AVAILABLE



# 11 AND 12 CAL/CM<sup>2</sup> ULTRALITE TASK WEAR

An innovation in Level 2 Arc Flash PPE, developed as a simple solution to an often complex problem. Cementex's Category 2 UltraLite Task Wear provides premium safety and protection while maintaining, comfort, functionality and ease-of-use. The result is the lightest, most comfortable Level 2 compliant task wear.

## BALACLAVA HOODED LONG SLEEVE T-SHIRT:

- Attached balaclava hood is designed to be comfortable when worn "up" achieving Level 2 compliance, or "down" achieving Level 1 compliance.
- By combining these task wear garments into one unit you can ensure your balaclava is always WITH your PPE Kit.
- The garment is an airy, comfortable blend made slightly oversized to fit comfortably overtop of daily wear.
- Indura Ultra-Soft® Knit Material body and balaclava
- Nomex® knit wrist cuffs tuck easily inside rubber insulating gloves.

## PANTS:

- Simplicity with attention to detail
- Indura Ultra-Soft® Material
- FR hook and loop ankle adjustment to easily fit over boots
- High elastic waist for comfort and ample overlap with shirt and/or coat
- 2 "Slash Pockets" for access to daily wear

## KITS INCLUDE:

- All kits include
    - Cementex 12 cal/cm<sup>2</sup> Arc Rated Face Shield and Class E Hard Hat
    - Safety Glasses and Ear Canal Inserts
  - Standard Duffel Kits
  - Storage Canister Kits ("AFSC-" Prefix)
    - (optional) Insulating Rubber Glove Kit
  - Backpack Kits ("BPK-" Prefix)
    - include TR-9ELK: 9 Pc Basic Electricians Tool Roll
    - (optional) Insulating Rubber Gloves and protectors
- \*DOES NOT include Canvas Storage Bag\*



CUL11-K  
\*SHOWN WITH GLOVES OPTION\*

PN \_\_\_\_\_ **UltraLite Task Wear Series** \_\_\_\_\_  
 CUL11TBAL-(SIZE)..... Long Sleeve Balaclava Hooded T-Shirt (Gray)  
 CUL12PT-(SIZE)..... Simple Hi-Waist Pant (Gray)

PN \_\_\_\_\_ **UltraLite Task Wear Series Kits** \_\_\_\_\_  
 CUL11-K-(SIZE)..... Shirt and Pant Kit in an Arc Face Shield Storage Bag  
 AFSC-CUL11-K-(SIZE).. Shirt and Pant Kit in an Arc Flash Storage Canister  
 BPK-CUL11-K-(SIZE).... Shirt and Pant Kit in a Deluxe Backpack with Tool Kit

UltraLite



# 40 cal/cm<sup>2</sup> UltraLite Task Wear

This breakthrough in technology joins two different materials to produce highly protective garments that are 37% lighter in weight than typical 40 cal/cm<sup>2</sup> garments, while maintaining premium comfort, durability, and wearability.



LIFT FRONT HOOD AND STANDARD HOODS ARE BOTH VENT FAN AND LIGHT "READY"



## COATS/COVERALL:

- Hook and Loop front closure for easy and rapid removal
- Nomex® knit wrist cuffs for better use with insulating rubber gloves
- FR hook and loop ankle adjustment for easy fit over boots

## PANTS/BIB:

- Quick connect shoulder straps for easy access and removal (Bib)
- FR hook and loop hip closure and ankle/calf adjustment

## HOOD:

- Legacy construction style or new Lift Front Design options
- Hood Light (optional)
- All UltraLite Hoods are "Vent Ready" and be upgraded to include a ventilation fan system.

## PN \_\_\_\_\_ 40 cal/cm<sup>2</sup> UltraLite Task Wear \_\_\_\_\_

CUL40CT-(SIZE).....Coat (Gray)  
 CUL40LC-(SIZE).....Long Coat, 49" (Gray)  
 CUL40PT-(SIZE).....Pant/Bib (Gray)  
 CUL40OP-(SIZE).....Over Pant (Gray)  
 CUL40CVL-(SIZE).....Coverall (Gray)  
 CUL40LEG-(SIZE).....Legging (Gray)

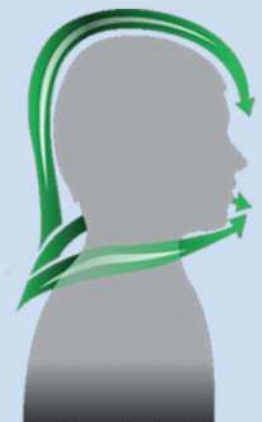
CUL40-AFH-G.....Arc Rated Flash Hood w/Helmet (Gray)  
 CUL40-AFH-G-HL.....Arc Rated Flash Hood w/Light  
 CUL40-AFH-V-G.....Arc Rated Flash Hood w/Vent Fan  
 CUL40-AFH-V-G-HL.....Arc Rated Flash Hood w/Vent Fan and Light

CUL40-AFH-LF-G.....Arc Rated Lift Front Flash Hood w/Helmet  
 CUL40-AFH-LFV-G.....Arc Rated Lift Front Flash Hood w/Vent Fan

LIGHT-1.....Flash Hood Headlight  
 CUL40-VENT.....UltraLite Vent Fan System  
 CUL40-AFH-G-RL.....UltraLite Hood Replacement Lens



VENT FAN





KITS IDENTIFIED BELOW  
INCLUDE ST-DBS  
CEMENTEX SANDARD  
DUFFEL BAG



ADD PREFIX "AFSC-"  
TO UPGRADE TO THE  
ARC FLASH  
STORAGE CANISTER KIT



ADD PREFIX "BPK-"  
TO UPGRADE TO THE  
DELUXE BACKPACK KIT



**CUL40CK**  
\*SHOWN WITH GLOVES OPTION\*

**CUL40K**  
\*SHOWN WITH GLOVES OPTION\*

**KITS INCLUDE:**

- All kits include
  - Arc Flash Suit Hood (Lift Front / Standard) and Class E Hard Hat
  - Safety Glasses and Ear Canal Inserts
  - (optional) Hood Vent Fan Upgrade ("V")
- Standard Duffel Kits
  - (optional) Insulating Rubber Glove Kit
  - (optional) TR-9ELK: 9 Pc Basic Electricians Tool Roll
- Backpack Kits ("BPK-" Prefix)
  - (optional) Insulating Rubber Gloves and protectors
  - \*DOES NOT include Canvas Storage Bag\*
  - (optional) TR-9ELK: 9 Pc Basic Electricians Tool Roll
- Storage Canister Kits ("AFSC-" Prefix)
  - (optional) Insulating Rubber Glove Kit



**TR-9ELK**



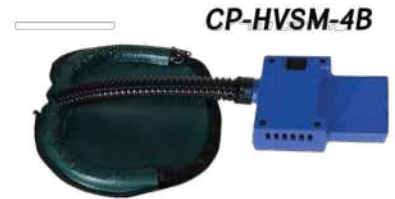
**PN \_\_\_\_\_ 40 cal/cm<sup>2</sup> UltraLite Kits \_\_\_\_\_**

CUL40K-(SIZE).....	Coat / Pant Kit in a Standard Duffel Bag
CUL40KV-(SIZE).....	Coat / Pant Kit w/Vent Fan
CUL40KLF-(SIZE).....	Coat / Pant Kit w/Lift Front Hood
CUL40KLFV-(SIZE).....	Coat / Pant Kit w/Lift Front Hood and Vent Fan
CUL40COPK-(SIZE).....	Coat and Over Pant Kit in a Standard Duffel Bag
CUL40COPKV-(SIZE).....	Coat and Over Pant Kit w/Vent Fan
CUL40COPKLF-(SIZE).....	Coat and Over Pant Kit w/Lift Front Hood
CUL40COPKLFV-(SIZE).....	Coat and Over Pant Kit w/Lift Front Hood and Vent Fan
CUL40LCK-(SIZE).....	Long Coat and Legging Kit in a Standard Duffel Bag
CUL40LCKV-(SIZE).....	Long Coat and Legging Kit w/Vent Fan
CUL40LCKLF-(SIZE).....	Long Coat and Legging Kit w/Lift Front Hood
CUL40LCKLFV-(SIZE).....	Long Coat and Legging Kit w/Lift Front Hood and Vent Fan
CUL40CK-(SIZE).....	Coverall Kit in a Standard Duffel Bag
CUL40CKV-(SIZE).....	Coverall Kit w/Vent Fan
CUL40CKLF-(SIZE).....	Coverall Kit w/Lift Front Hood
CUL40CKLFV-(SIZE).....	Coverall Kit w/Lift Front Hood and Vent Fan

**UltraLite**



# Contractor Series Arc Flash Hoods



- Hood Vent System includes:**
- High precision fan motor which provides over 6 cubic feet per minute (CFM)
  - Durable and inherently flame resistant plastic housing
  - Fresh air bladder
  - Reinforced plastic spiral hose
  - Requires 4 AA batteries (not included)

- FR Treated Cotton meets ANSI/ISEA 125 Level 2 Conformity and Arc Flash PPE Category 4 standards with an arc rating of 40 cal/cm<sup>2</sup>.
- Khaki Color allows easy identification of debris and contaminants
- Nearly clear TCG Series hood window provides 100% true color acuity and includes anti-fog and anti-scratch resistant coatings
- All Hoods are "Vent Ready" and may be upgraded to include Hood Vent System

PN	DESC
HRC4-AFH-CGS.....	40Cal Contractor Series Arc Flash Hood
HRC4-AFH-CGS-HL.....	40Cal Contractor Series Arc Flash Hood with Light
HRC4-AFH-HVS-GS.....	40Cal Contractor Series Arc Flash Hood with Vent System
HRC4-AFH-HVS-GS-HL....	40Cal Contractor Series Arc Flash Hood with Vent System and Light
AFH40-GC-RLS.....	40Cal Contractor Series Replacement Lens (Snaps)
CP-HVSM-4B.....	Contractor Series Complete Hood Vent System
CP4B-CS-FAN.....	Contractor Series Hood Vent Fan only*
CP4B-CS-HOSE.....	Contractor Series Hood Vent Bladder & Hose*

\*Replacement components

# Feature Series Arc Flash Hoods



AFH-12C-G



AFH-12CLH-G



CS21HOOD-G



AFH40-FR-G

- Westex® Ultrasoft® materials
- Meet or exceed the standards set by NFPA 70E, CSA Z452 and OSHA 1910.269
- ANSI/ISEA Z87.1 (Impact Rating Z81+)
- PureView™ face shield technology features a greater range of visibility
- The AFH40-FR-FAN-G is constructed specifically to include dual fans which provide a gentle breeze reducing body temperature and decreasing lens fogging.
- Hood Light (Light-1) may be attached with included FR Hook and loop adhesive (optional)

PN	DESC
AFH-12C-G.....	12Cal Feature Series Arc Flash Hood
AFH-12CH-G.....	12Cal Feature Series Arc Flash Hood w/Hardhat
AFH-12CLH-G.....	12Cal Feature Series Arc Flash Lift Hood w/Hardhat
CS21HOOD-G.....	21Cal Feature Series Arc Flash Hood with Clear Lens
AFH40-FR-G.....	40Cal Feature Series Arc Flash Hood with Clear Lens
AFH40-FR-FAN-G....	40Cal Feature Series Arc Flash Hood with Vent Fan
AFH40-FR-G-RL.....	40Cal Feature Series Flash Hood Replacement Lens

Arc Flash Hoods



# UltraLite Arc Flash Hoods

Lift Front Hoods allow for quick and easy access to fresh air when outside of determined safety boundaries.



**CUL40-AFH-LF-G WITH HOOD LIGHT (LIGHT-1)**

All UltraLite Arc Flash Hoods:

- Arc Rated 40 cal/cm<sup>2</sup>
- Arc Flash PPE Category 4
- Multi-Layer System utilizing Dupont Protera® and Westex® UltraSoft® knit
- Hood Light strap for use with LIGHT-1
- “Vent Ready” and may be purchased with a ventilation fan system or included at a later date
- PureView™ face shield technology features a greater range of visibility
- Anti-fog and scratch resistant coating
- ANSI Rated, Hard Hat and headgear
- Meets or Exceeds NFPA 70E, CSA Z462 ASTM F1506, ASTM F2178, ANSI Z87S



**CUL40-AFH-G-HL**

The CUL40-VENT operates on 8 AA batteries (not included) and has an approximate runtime of 6.5-7 hours (longer with lithium batteries). This fan is extremely lightweight and easily snaps into place in the back area of the UltraLite hoods. With the air flow, as shown, on the back of the neck, the high-flow fan more efficiently circulates fresh air and reduces shield fogging.



**CUL40-VENT**



PN	DESC
CUL40-AFH-G.....	40Cal UltraLite Arc Flash Hood with Clear Lens
CUL40-AFH-G-HL.....	40Cal UltraLite Arc Flash Hood with Hood Light
CUL40-AFH-V-G.....	40Cal UltraLite Arc Flash Hood with Vent Fan
CUL40-AFH-V-G-HL.....	40Cal UltraLite Arc Flash Hood with Vent Fan and Hood Light
CUL40-AFH-G-RL.....	40Cal UltraLite Arc Flash Hood Replacement Lens - Clear
CUL40-AFH-LF-G.....	40Cal UltraLite Lift Front Arc Flash Hood with Clear Lens
CUL40-AFH-LF-G-HL.....	40Cal UltraLite Lift Front Arc Flash Hood with Hood Light
CUL40-AFH-LFV-G.....	40Cal UltraLite Lift Front Arc Flash Hood Vent Fan
CUL40-AFH-LFV-G-HL..	40Cal UltraLite Lift Front Arc Flash Hood with Vent Fan and Hood Light
CUL40-AFH-LF-G-RL.....	40Cal UltraLite Lift Front Hood Replacement Lens - Clear
CUL40-VENT.....	40Cal UltraLite Ventilation Unit

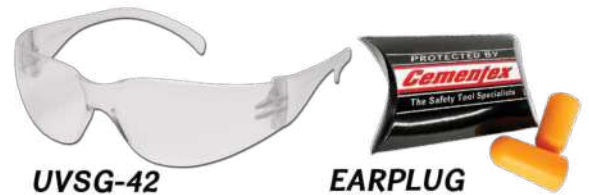


# Cementex Arc Rated Face Shields



**AFS-180 (shown with UVSG-42 and CUL11TBAL)**

- Molded shape provides minimal distortion
- Long length, chin cup, and sides provide superior coverage and protection
- Brow shield deflects impact of Arc Blast
- True Color Gray - TCG™ no color distortion
- Translucent sides and chin provide improved peripheral vision
- Exceptional Visible Light Transfer (VLT)
- Anti-Fog Interior Coating resists fogging
- Deluxe Scratch Resistant Exterior Coating
- Meets requirements of:  
**NFPA 70E, CSA Z462, ASTM F2178,  
 ANSI Z87.1, ANSI Z89.1, CSA Z94.1**



**UVSG-42**

**EARPLUG**

<b>PN</b>	<b>DESC</b>
AFS-180.....	12 cal/cm <sup>2</sup> Arc Rated Face Shield (Gray) with Hardhat (Cementex Standard)
AFS-180K.....	12 cal/cm <sup>2</sup> Arc Rated Face Shield (Gray) with Hardhat, 12 cal/cm <sup>2</sup> FR Treated Cotton Balaclava (CSH-FRK), Safety Glasses, and Standard Face Shield Storage Bag
AFS-181.....	12 cal/cm <sup>2</sup> Arc Rated Face Shield (Gray) with A1 (Bullard) Hard Hat Adapter
AFS-183.....	12 cal/cm <sup>2</sup> Arc Rated Face Shield (Gray) with A3 (MSA) Hard Hat Adapter
AFS-185.....	12 cal/cm <sup>2</sup> Arc Rated Face Shield (Gray) with A5 (Oberon) Hard Hat Adapter
AFS-360.....	12 cal/cm <sup>2</sup> Arc Rated Face Shield (Gray) with Hardhat and Standard Face Shield Storage Bag
AFS-365.....	12 cal/cm <sup>2</sup> Arc Rated Face Shield (Gray) with Hardhat and Deluxe Face Shield Storage Bag

## Arc Rated Face Shield Parts and Accessories



**CSF3000**

<b>PN</b>	<b>DESC</b>
CDC-GRAY.....	12 cal/cm <sup>2</sup> Arc Rated Face Shield Replacement Chin Cup (Gray)
CFF-500-GRAY.....	12 cal/cm <sup>2</sup> Arc Rated Face Shield Replacement Side Panels (Gray)
AFS-NYLON KIT.....	12 cal/cm <sup>2</sup> Arc Rated Face Shield 3pc Chin Cup Screw Set
CSF1000.....	Face Shield Hard Hat Adapter (White - A1 Bullard Hard Hat)
CSF3000.....	Face Shield Hard Hat Adapter (Gray - A3 MSA Hard Hat)
CSF5000.....	Face Shield Hard Hat Adapter (Black - A5 Oberon Hard Hat)



# Balaclava Sock Hoods

Comfort and coverage are key factors in the design of all Cementex balaclavas. They are an integral component of any Arc Flash PPE system. It protects your head and neck from the heat of an arc flash and your skin and hair from burns that can be produced by the burst of hot air from any kind of electrical arc flash or blast.



**CSH-FRK**



**CSH-WR**

<b>PN</b>	<b>DESC</b>
CSH-WR.....	10 cal/cm <sup>2</sup> Nomex® (White)
CSH-FRK.....	12 cal/cm <sup>2</sup> FR Treated Cotton Knit (Navy)
CSH-CXR.....	23 cal/cm <sup>2</sup> CarbonX® (Black)
CSH-24N.....	24 cal/cm <sup>2</sup> Indura® Ultra Soft® Knit (Navy)
CSH-27CK...	27 cal/cm <sup>2</sup> Carbon/Kevlar (Color)
CSH-45CX...	45 cal/cm <sup>2</sup> CarbonX® (Black)

## Hard Hats ANSI/ISEA Z89.1

- Suspension Webbing (non-CSA) provides superior comfort and fit
- Quick and secure size adjustment
- Class E

<b>PN</b>	<b>DESC</b>
SHH-40-A5.....	Hard Hat with Ratcheting Size Adjustment (White) (A5 Replacement for AFS-180)
SHH-40W.....	Hard Hat with Ratcheting Size Adjustment (White)
SHH-40W-RT...	Hard Hat with Rain Trough (White)
SHH-40W-SP...	Hard Hat with CSA Approved Side Impact Protection (White)



**SHH-40W**

\*\*\*\*NOTE: Other hard hat colors are available upon request and are special order - minimum quantities may apply.\*\*\*\*



# PPE Accessories



**LIGHT-1**

## Arc Flash Hood and Helmet Light

- 3 distinct beam profiles easily accessed with a simple press, hold, or double press of the button
- 1 Maxbright LED creates a powerful spot beam
- 2 White Ultrabright LEDs deliver a dimmable flood
- 2 Red Ultrabright LEDs handle close-range lighting
- Can be locked to prevent accidental "turn-on" when not in use. Bright, durable LED Light (205 Lumens)
- Connects to Cementex hoods with Light Strap and includes ultra strong hook and loop connection for Face Shields and Hoods without Light Strap
- 205 Lumens, 150hr Burn Time, 92g, 3 AAA batteries

PN \_\_\_\_\_ DESC \_\_\_\_\_

LIGHT-1..... Light with Strap connector and Velcro

## Safety Glasses ANSI/ASSE Z87.1



**UVSG-42**

- Clear UV absorbing lens
- Lightweight

PN \_\_\_\_\_ DESC \_\_\_\_\_

UVSG-42..... Standard Safety Glasses

UVSG-44..... Over-Rx Glasses Safety Glasses

UVSG-94..... CSA Rated Safety Glasses

## Hearing Protection



**EARPLUG**

OSHA AND NFPA® have determined that workers inside the arc flash boundary shall wear hearing protection. Ear canal inserts are the form of hearing protection recognized as they provide the least interference with the use of other PPE to protect the head and face. Other types of protection are acceptable, but **MUST** be worn under appropriate arc rated material.

PN \_\_\_\_\_ DESC \_\_\_\_\_

EARPLUG..... Classic Ear Canal Insert (Pair)

EARPLUGS-25 PACK.... Classic Ear Canal Insert (25 Pair)



# Hair and Beard Nets

Full coverage FR hair nets and beard nets feature an elastic fit and soft breathable FR fabric designed for comfort and flexibility. Made in the USA the Nomex knit FR fabric will not melt, drip or ignite.

- 2.9 cal/cm<sup>2</sup> rating
- Designed for multiple wears  
(follow laundering instructions on garments label)

## Hair Net

PN \_\_\_\_\_ DESC \_\_\_\_\_  
CFRHN-G.....Nomex® Hair Net (Gray)

## Beard Net

PN \_\_\_\_\_ DESC \_\_\_\_\_  
CFRBN-G.....Nomex® Beard Net (Gray)



CFRHN-G

CFRBN-G

# Hood and Face Shield Storage



### AFS-SB

- Simple
- Durable
- Effective



### AFS-DB

- Durable Canvas
- Lined to protect vulnerable Face Shield lenses



### ST-AFSC

- Ultra Durable construction  
Hot or Cold it is built to withstand the elements
- XL Dimensions fits  
Arc Flash Storage Hoods  
(14" D x 16" H)
- Stackable for easy storage
- Seal-Tight Lid for reliable closure

PN \_\_\_\_\_ DESC \_\_\_\_\_  
AFS-SB.....Standard Face Shield Storage Bag  
AFS-DB.....Deluxe Face Shield Storage Bag

ST-AFSC.....Arc Flash Storage Canister

Hair Nets / Shield Storage



# Hi-Vis Vests



**CHVWV2V**

**CHVMV2V**

**CHVMV2Z**

**CHVMV3V**

**Mesh** - ASTM 1506 - OSHA 1910.269 - NFPA 70E® - CSA Z462

PN	DESC
CHVMV2Z-(SIZE)...	4.6 cal/cm <sup>2</sup> ANSI Class 2 Hi-Vis Mesh Vest with FR zip front closure
CHVMV2V-(SIZE)...	4.6 cal/cm <sup>2</sup> ANSI Class 2 Hi-Vis Mesh Vest with FR hook and loop closure
CHVMV3Z-(SIZE)...	4.6 cal/cm <sup>2</sup> ANSI Class 3 Hi-Vis Mesh Vest with FR zip front closure
CHVMV3V-(SIZE)...	4.6 cal/cm <sup>2</sup> ANSI Class 3 Hi-Vis Mesh Vest with FR hook and loop closure

**Woven Twill** - ASTM 1506 - OSHA 1910.269 - NFPA 70E®/2112 -CSAZ462

PN	DESC
CHVWV2Z-(SIZE)...	8.9 cal/cm <sup>2</sup> ANSI Class 2 Hi-Vis Woven Vest with FR zip front closure
CHVWV2V-(SIZE)...	8.9 cal/cm <sup>2</sup> ANSI Class 2 Hi-Vis Woven Vest with FR hook and loop closure
CHVWV3Z-(SIZE)...	8.9 cal/cm <sup>2</sup> ANSI Class 3 Hi-Vis Woven Vest with FR zip front closure
CHVWV3V-(SIZE)...	8.9 cal/cm <sup>2</sup> ANSI Class 3 Hi-Vis Woven Vest with FR hook and loop closure

- 4.6 cal/cm<sup>2</sup> FR Mesh (5.8 oz Material)
- Arc Flash PPE Category 1
- Inherently flame resistant material
- Inner left chest pocket
- 2" Segmented FR reflective trim
- Lightweight and breathable
- ANSI/ISEA 107 / Type R Class 2 and 3
- Available with FR zip front closure or FR hook and loop closure
- Class 2 Sizes S-4X, Class 3 Sizes S-3X (typical USA T-shirt sizing)

- 8.9 cal/cm<sup>2</sup> Westex® DH Woven Twill (6.5 oz Material)
- Arc Flash PPE Category 2
- Inherently flame resistant material
- 2" FR silver reflective trim
- ANSI/ISEA 107 / Type R Class 2 and 3
- Available with FR zip front closure or FR hook and loop closure
- Sizes S-3X (typical USA T-shirt sizing)

# Cooling Vests



- FR Cooling vest **MUST** be used in conjunction **WITH AND** under the appropriate arc flash protection.
- Vest is **NOT** intended as primary arc flash protection.
- Each vest comes with one set of eight (8) cooling packs.
- Cooling time approximately one (1) hour. Cooling time may vary depending on ambient temperature and exertion level of wearer.
- Cooling packs may be placed in freezer or ice water for activation
- Regular (R) size fits 5' - 5'10"

PN	DESC
CCV-ARC-R.....	Jacket Style Cooling Vest (Includes 1 set of 8 cooling packs)
CCV-PK.....	Replacement Cooling Pack (1 Pack)
CCV-PKS.....	Cooling Pack Set (8 Packs)

**CCV-ARC-R**

# Belts

**Black FR Kevlar Webbing Adjustable Belts:**

- Inherently FR but not arc rated
- Approximately 1" width
- Available sizes:

- 26" - 32" (2632)
- 34" - 40" (3440)
- 42" - 48" (4248)
- 50" - 56" (5056)



**FRAB2632**

PN	DESC
FRAB(SIZE)....	FR Kevlar® Adjustable Belt

Hi-Vis / Cooling / Belts



# Arc Supression Blankets

- All Blankets meet and exceed ASTM F2676 and ASTM F3272 blanket standards
- Designed to divert energy away from the worker while performing work in confined areas such as underground vaults
- Used to create a barrier between work area and anything that could be an Arc Flash Hazard
- Blankets may be anchored to walls or ceiling and floors
- Each 4' x 5' blanket comes with 10 Kevlar® rope straps that are 48" in length that can be used to safely secure the blanket for use.
- Each 5' x 8' blanket comes with 14 Kevlar® rope straps that are 48" in length that can be used to safely secure the blanket for use.
- Includes orange nylon storage bag
- Meet and exceed standards set by:

NFPA 70E  
 CSA Z462  
 CAN/ULC S801

Always store the blanket out of sunlight and keep clean  
 Blankets DO NOT provide insulation from shock.



PN	DESC
ASB-4X5-15.....	15kA (BTP 181) Arc Blanket: 4' x 5'
ASB-5X8-15.....	15kA (BTP 181) Arc Blanket: 5' x 8'
ASB-4X5-25.....	25kA (BTP 270) Arc Blanket: 4' x 5'
ASB-5X8-25.....	25kA (BTP 270) Arc Blanket: 5' x 8'
ASB-4X5-40.....	40kA (BTP 517) Arc Blanket: 4' x 5'
ASB-5X8-40.....	40kA (BTP 517) Arc Blanket: 5' x 8'

(BTP=Break-Open Thermal Protection)

Protects workers from falls caused by electric arc flash and/or arc blast exposure when working at heights or in confined space applications near energized electrical sources.

Unique Features of this premium harness:

- Patented ComfortLegs™ lateral leg strap construction greatly improves mobility and comfort
- Premium overmolded alloy steel dorsal, sternal, and hip D-rings, quick-connect leg, belt and chest buckles, and torso adjusters
- Arc resistant Nomex® webbing with Kevlar® fiber core throughout shoulders, torso, belt, and legs.
- Shoulder yoke, sub-pelvic leg pads and 6" waist support positioning pads feature ripstop and quilted Nomex® fabrics for advanced Arc Flash protection
- Overmolded quick-connect buckle with positive connection indicator
- Includes paired lanyard parking keepers and Nomex® label cover
- Includes Arc Flash rated Suspension Trauma Relief Straps

Specifications:

- Material
  - Webbing: Nomex®/Kevlar®; 5,000 lb min. static strength
  - D-rings: Overmolded alloy steel; 5,000 lb min. static strength
  - Buckles & Adjusters: Overmolded alloy steel; 3,372 lb min. static strength
- Performance
  - Static Strength: 3,600 lb min
  - ANSI User Capacity: 130 to 310 lb max.
  - OSHA User Capacity: 130 to 425 lb max.
- Compliance
  - ANSI: Z359.11-2021
  - OSHA: 1926.502 and 1910.66
  - ASTM: F887-20

Arc Flash Harness  
 Product Cut Sheet



Harness Lanyard  
 Product Cut Sheet



# Fall Harness



AFHARNES-LANYARD

AFHARNES-(SIZE)

PN	DESC
AFHARNES-XS.....	Arc Flash Fall Harness X-Small
AFHARNES-S.....	Arc Flash Fall Harness Small
AFHARNES-M.....	Arc Flash Fall Harness Medium
AFHARNES-L.....	Arc Flash Fall Harness Large
AFHARNES-XL.....	Arc Flash Fall Harness X-Large
AFHARNES-2X.....	Arc Flash Fall Harness 2X-Large
AFHARNES-3X.....	Arc Flash Fall Harness 3X-Large
AFHARNES-LANYARD.....	Arc Flash Harness Lanyard
AFHARNESKIT-(SIZE).....	Arc Flash Fall Harness Kit

(Available in XS, S, M, L, XL, 2X, 3X)

Arc Blankets / Harness



# Insulating Rubber and Hot Stick Storage

**\*\*The part numbers shown below are for storage only. The blankets and clamps shown are not included.\*\***

PN	DESC
BLK-SC4.....	4-1/2" I.D. Blanket Canister
BLK-SC6.....	6" I.D. Blanket Canister
BLK-SC7.....	7" I.D. Blanket Canister
BLK-SC7H.....	7" I.D. Blanket Canister with Handle
BLK-SC10H.....	10" I.D. Blanket Canister with Handle

**\*I.D. = Inside Diameter**



Image represents the BLK-C2 kit



BLK-SC7

Image represents the BLK-C0 kit



BLK-SC10H



PN	DESC
ES-CLAMP.....	ElectroShield Clamp (Pair)
ES-CSB.....	ElectroShield Carry/Storage Bag



Image represents the ESO-7.5K kit

PN	DESC
CGB12.....	14" Canvas Glove Storage Bag with single snap closure and belt hook
CGB16.....	16" Canvas Glove Storage Bag with double snap closure and belt hook
CGB20.....	20" Canvas Glove Storage Bag with double snap closure and belt hook
ST-SLVB.....	Sleeve Storage Bag with dual snap closure



PN	DESC
ST-HSB-4.....	4'8" Hi-Vis Hot-Stick Storage bag with dual snaps
ST-HSB-6.....	6'8" Hi-Vis Hot-Stick Storage bag with dual snaps
ST-HSB-8.....	8'8" Hi-Vis Hot-Stick Storage bag with dual snaps
ST-HSB-10.....	10'8" Hi-Vis Hot-Stick Storage bag with dual snaps
ST-HSB-12.....	12'8" Hi-Vis Hot-Stick Storage bag with dual snaps
ST-HSB-14.....	14'8" Hi-Vis Hot-Stick Storage bag with dual snaps



ST-HSB-4

ST-SLVB

Rubber / Hot Stick Storage



# PPE Bags and Storage

Protect your greatest assets (people) by protecting your PPE.

\*\*The part numbers shown below are for storage only. The face shields shown are not included.\*\*

- **Duffels** provide large open access and protection at an economical price
- **Backpack** allow hands-free transportation and compartments for better protection and organization
- **Canisters** provide ultimate protection for Arc Flash Suits (Hood or Face Shield) with its oversized 14" Diameter

## AFS-SB

- Simple
- Durable
- Protective



## AFS-DB

- Durable Canvas
- Lined to protect vulnerable Face Shield lenses

## ST-AFSC

- Ultra durable construction
- Hot or Cold it is built to withstand the elements
- XL Dimensions fits Arc Flash Storage Hoods (14" D x 16" H)
- Stackable for easy storage
- Seal-Tight Lid for reliable closure



ST-DBS



ST-DBD



ST-BPD

PN	DESC
AFS-SB.....	Arc Face Shield Storage Bag
AFS-DB.....	Deluxe Arc Face Shield Storage Bag
ST-AFSC.....	Arc Flash Storage Canister
ST-DBS.....	Standard Duffel Bag (Orange with Black Handles)
ST-DBD.....	Deluxe Duffel Bag with Reinforced Bottom (Yellow with Black Handles)
ST-BPD.....	Deluxe Backpack with 5 separate compartments (no glove bag required*)
	*gloves should never be stored in the bottom compartment.
ST-BPDW.....	Wheeled Deluxe Backpack with 5 separate compartments

PPE Storage



# Tool Pouches

PN \_\_\_\_\_ DESC \_\_\_\_\_

ST-AKPS..... Hex Key Pocket Pouch  
2 internal pockets and  
tri-flap closures secure  
small tools  
11-1/2" x 8" when closed

ST-BPS..... Belt Pouch: Small

ST-BPL..... Belt Pouch: Large

ST-AKPS



ST-BPL



ST-BPS



ST-SDNDP6XL... Driver Roll Pouch 6 Pkt

ST-SDNDP8XL... Driver Roll Pouch 8 Pkt

ST-SDNDP12XL... Driver Roll Pouch 12 Pkt



ST-SDNDP6XL



ST-SDNDP8XL



ST-SDNDP12XL

ST-TR8..... Tool Roll Pouch 8 Pkt (8 Pliers)

ST-TR9..... Tool Roll Pouch 9 Pkt (4 Pliers / 5 Drivers)

ST-TR10..... Tool Roll Pouch 10 Pkt (5 Pliers / 5 Drivers)

ST-TR11..... Tool Roll Pouch 11 Pkt (4 Pliers / 7 Drivers)

ST-TR12..... Tool Roll Pouch 12 Pkt (6 Pliers / 6 Drivers)

ST-TR12MRSK... MR Tool Roll Pouch 12 Pkt (5 Pliers / 7 Drivers)



ST-TR8



ST-TR9

ST-WP8..... Wrench Roll Pouch 8 Pkt

ST-WP11..... Wrench Roll Pouch 11 Pkt

ST-WP13..... Wrench Roll Pouch 13 Pkt



ST-TR10



ST-TR11

ST-ZP..... Zippered Pouch 12" x 7"

ST-EPZP..... Zippered Plier Pouch (6 Pliers Holsters)

ST-SP12-12..... Pkt Pouch 12, ISS12-12L



ST-WP8



ST-WP11



ST-TR12MRSK



ST-WP13



ST-ZP



ST-SP12-12

Tool Pouches / Rolls



## Tool Bags

PN \_\_\_\_\_ DESC \_\_\_\_\_

- ST-THBS..... T-Handle Bag, Standard
- ST-THBL..... T-Handle Bag, Long
- ST-THBXXL..... T-Handle Bag, XX Long w/reinforced bottom
- ST-ZTB11X15..... Zippered Tool Bag, 11" x 15" (Red and Black)
- ST-DTB..... Oval Tool Bin with with tool pockets w/ reinforced bottom

- ST-BPKTechPac..... Backpack 19" x 15" x 8"
- ST-BPKSuperTech... Backpack 18" x 15" x 8"

ST-THBS



ST-DTB



ST-THBL



ST-THBXXL



ST-BPKTechPac



ST-BPKSuperTech



ST-ZTB11X15



## Boxes/Cases

PN \_\_\_\_\_ DESC \_\_\_\_\_

- ST-ZSC8..... Zippered Soft Case 8
- ST-ZSC9..... Zippered Soft Case 9
- ST-ZSC16..... Zippered Soft Case 16
- ST-ZSC30..... Zippered Soft Case 30
- ST-DLX-TC..... Deluxe Tool Case
- ST-DLX-TCW..... Deluxe Tool Case with Wheels
- ST-BMS..... Blow Molded Case, Small
- ST-BML..... Blow Molded Case, Large

- ST-SC501..... Snap Closure Case 501 (10-3/8" x 4-5/8" x 2-1/2")
- ST-SC601..... Snap Closure Case 601 (14" x 6-1/4" x 2-1/2")
- ST-SC701..... Snap Closure Case 701 (17-1/2" x 7-3/4" x 2-1/2")
- ST-TBP20..... 20" Tool Box (Gray)

ST-ZSC8



ST-ZSC9



ST-ZSC16



ST-ZSC30



ST-IM518



ST-DLX-TCW



ST-SC-701  
ST-SC601  
ST-SC501



ST-TBP20



Tool Bags / Boxes / Cases

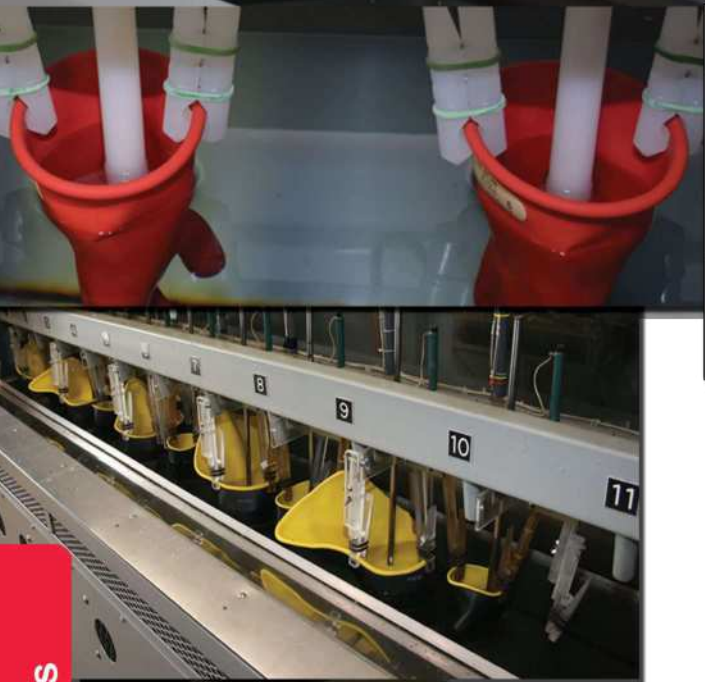




# Testing and Recertification Services

*In order to maintain compliance with requirements established by OSHA 1910.137(b)(2)(vii), NFPA 70E® and CSA Z462; Rubber Insulating Products shall be subjected to periodic electrical tests in accordance with the ASTM standard identified in the chart below.*

As an Accredited Member of THE ASSOCIATION OF NORTH AMERICAN INDEPENDENT LABORATORIES FOR PROTECTIVE EQUIPMENT TESTING (NAIL for PET), you are assured that testing of these protective devices is performed as it should be. Cementex insures all testing devices are properly calibrated and all tests are performed as required by the corresponding ASTM Standard.



Rubber Insulating Equipment	When to Test	Governing Standard for Test Voltage
Blankets	Before first issue; every 12 months thereafter†	ASTM F 479
Covers	If insulating value is suspect	ASTM F 478
Gloves	Before first issue; every 6 months thereafter	ASTM F 496
Line Hose	If insulating value is suspect	ASTM F 478
Sleeves	Before first issue; every 12 months thereafter	ASTM F 496

## Rubber Insulating Product Testing

- PN \_\_\_\_\_ DESC \_\_\_\_\_
- CPT-GLV.....Glove Testing, All Classes
  - CPT-BLK.....Blanket Testing, All Classes (36" x 36")
  - CPT-SLV.....Sleeve Testing, All Classes
  - CPT-LH.....Line Hose, Per 6 foot length
  - CPT-OS.....Overshoe and Boot Testing
  - CPT-MAT.....Shielding Material Testing

## Hot Stick and Insulated Equipment Testing

- PN \_\_\_\_\_ DESC \_\_\_\_\_
- CPT-HS.....Fixed Length Sticks (Up to 10 Feet)
  - CPT-HSAF.....Fixed Length Sticks (Each additional Foot over 10 Feet)
  - CPT-CS.....Shotgun Sticks (Up to 10 Feet)
  - CPT-CSAF.....Shotgun Sticks (Each additional Foot over 10 Feet)
  - CPT-THS.....Telescoping Sticks (Per Telescopic Section)
  - CPT-HS-REPAIR...Hotstick Repair / ReWork

## Torque Wrench Recalibration and Recertification Services\*

- PN \_\_\_\_\_ DESC \_\_\_\_\_
- CPT-TW..... Torque Wrench, Recalibration and Recertification (excludes any major repair costs)
  - CPT-TS..... Torque Screwdriver, Recalibration and Recertification (excludes any major repair costs)

\*Torque Wrench recalibrations and recertification services are not subject to discounts.

Testing Services



# ASTM F1505 Tests

All Cementex Voltage Rated Hand Tools are tested to comply with safety and manufacturing standards.

**ALWAYS!** de-energize equipment when feasible if it's not a greater hazard to de-energize.

When working on or near energized equipment is necessary, you can trust that Cementex is the Safety Tool Specialists you can rely upon.

**IT'S YOUR LIFE AT RISK!**

Use quality equipment and inspect it personally before each use.

## Adhesion Testing - testing critical Insulation/Tool bonding

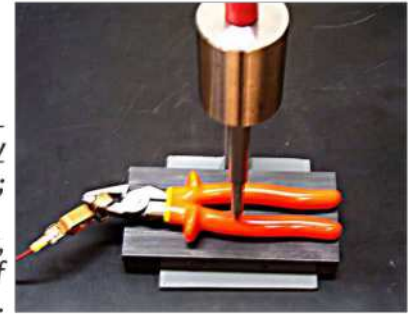


Cementex bonding methods and superior insulation material let us guarantee a bond that is both secure and permanent.



## Indentation Testing - small surface area durability

Talk about making a point; this dielectric test shows, with pinpoint accuracy, the value of Cementex Insulated Tools.



## Impact Testing - blunt surface impact durability

Even "The Best" drop a tool now and then. Cementex exclusive insulation, the most durable of its kind, keeps on protecting drop, after drop, after...  
...you get the point.

## Flammability / Combustibility

The burning question is whether or not your tool will cause injury during an arc flash. If you're using Cementex tools, which self-extinguish... the answer is No.



## H<sup>2</sup>O Dielectric Testing - uniform insulation coverage and protection

The most stringent test for tools is the water bath electrical testing. Every single Voltage Rated tool that leaves our doors is given a dielectric test assuring with Cementex, you are getting the best tools available.





# DETAILED ARC FLASH & SHOCK EQUIPMENT LABEL SPECIFICATION REFERENCE NFPA 70E ARTICLE 130.5(H) EQUIPMENT LABELING

CEMENTEXUSA.COM

**Cementex**  
The Safety Tool Specialists

## SIGNAL PANE

Includes the Safety Alert Symbol **A**  
Indicates a potential personal injury hazard.  
Includes the Signal Word:  
Calls attention to the safety message.  
(ie. DANGER, WARNING, CAUTION, NOTICE)

## INFORMATION PANE

Arc-rated Arc Flash PPE Selection:  
Select arc flash PPE with an Arc Thermal Performance Value (ATPV) equal to or greater than the incident energy listed.

Arc Flash Boundary:  
Calculated distance where incident energy is 1.2 cal/cm<sup>2</sup>.

No arc flash PPE required when standing outside the arc flash boundary.

## Working Distance:

The distance to the face and torso of the Qualified Electrical Worker or Task Qualified Worker who is exposed to the arc flash hazard.

Additional Note: Please reference your employer's Electrical Safety Program for specific requirements related to Arc Flash & Shock PPE.

# WARNING

## Arc Flash and Shock Hazard

ARC FLASH PPE  
56.1 cal/cm<sup>2</sup>  
incident energy

Arc Flash Boundary  
Working Distance  
24 inches  
Reference (Company) Electrical Safety Program For Arc Flash PPE Requirements.

Equipment: MCC #1 Building, SWGR #1  
Protective Device: LOAD SIDE of FB-1  
Report #: TWBESC-XXXX-YY-AHA-ZZZ Rev 1.0

SHOCK PROTECTION  
480 VAC

RIG Class #  
0  
Limited Approach Boundary  
Restricted Approach Boundary  
42 inches  
FROM EXPOSED ENERGIZED CONDUCTORS or CIRCUIT PARTS

Analysis By: TWBESC  
Date: 2021-01-30  
Standard #: IEEE 1584-2018

## FOOTER

Equipment: The electrical equipment that the arc flash hazard incident energy analysis has been completed for.

Protective Device: The upstream electrical protective device that the incident energy calculated is based on. Indication if any incident energy reduction method is installed and needs to be verified functional.

Report #: Consulting engineer's PEng or PE authenticated report that has been issued.

Analysis By: Engineering consultant's name.  
Date: Issued date of equipment labels (validate study is current every 5 years).  
Standard: Applicable standard/calculation methodology.

WARNING SIGNAL WORD - when incident energy is ≥1400 cal/cm<sup>2</sup>  
DANGER SIGNAL WORD - when incident energy is ≥1401 cal/cm<sup>2</sup>  
ANSI Z535 DISTINCT COLOURS

Warning ■ Danger ■

## MESSAGE PANE

The equipment label applies to arc flash and shock hazards when a worker is exposed related to the energized electrical work task they would perform.

## INFORMATION PANE

Shock Protection:  
Maximum nominal voltage of exposed conductors and circuit parts with inadvertent movement risk.

Rubber Insulating Glove (RIG) Class #:  
See table at right for complete list of Class #s and voltage ratings.

Limited Approach Boundary:  
No shock PPE tools or equipment required when inside the Limited Approach Boundary. Unqualified persons must be fully escorted.

Restricted Approach Boundary:  
Qualified persons only. Qualified persons shall use rubber insulating gloves with leather protectors and other insulating tools when inside the Restricted Approach Boundary.

## MINIMUM LABEL REQUIREMENT

# WARNING

## Arc Flash Hazard

## Rubber Electrical Protective Equipment Class #

Class #	Max Use Voltage AC	Max Use Voltage DC	Notes
00	500VAC	750VDC	
0	1000VAC	1500VDC	Leather protector gloves shall be correct Class # and rubber linings & glove.
1	7500VAC	12500VDC	Storage bag needs to be specific to accommodate glove length, stored flat.
2	17000VAC	22500VDC	Vinyl bag with two pockets recommended.
3	26500VAC	33750VDC	Rubber insulating gloves and leather protectors shall be air and visually inspected before use.
4	36000VAC	54000VDC	

Nominal System Voltage Range - Phase to Phase	Limited Approach Boundary - Exposed Fixed Circuit Part	Restricted Approach Boundary - Includes inadvertent movement safety
≤ 30V	Not Specified	Not Specified
50V to 150V	1.0 m (3 ft. 6 in.)	Avoid Contact
151V to 750V	1.0 m (3 ft. 6 in.)	0.31 m (1 ft. 0 in.)
751V to 8kV	1.0 m (3 ft. 6 in.)	0.63 m (2 ft. 1 in.)
8.1kV to 15kV	1.5 m (5 ft. 0 in.)	0.65 m (2 ft. 2 in.)
15.1 kV to 36kV	1.8 m (6 ft. 0 in.)	0.77 m (2 ft. 7 in.)

# WARNING

## Arc Flash and Shock Hazard

ARC FLASH PPE  
17.8 cal/cm<sup>2</sup>  
incident energy

Arc Flash Boundary  
Working Distance  
24 inches  
Reference (Company) Electrical Safety Program For Arc Flash PPE Requirements.

Equipment: MCC #1 Building, SWGR #1  
Protective Device: LOAD SIDE of FB-1, Arc Flash Relay, QN  
Report #: TWBESC-XXXX-YY-AHA-ZZZ Rev 1.0

SHOCK PROTECTION  
600 VAC

RIG Class #  
0  
Limited Approach Boundary  
Restricted Approach Boundary  
42 inches  
FROM EXPOSED ENERGIZED CONDUCTORS or CIRCUIT PARTS

Analysis By: TWBESC  
Date: 2021-01-30  
Standard #: IEEE 1584-2018

# WARNING

## Arc Flash and Shock Hazard

ARC FLASH PPE  
26.8 cal/cm<sup>2</sup>  
incident energy

Arc Flash Boundary  
Working Distance  
24 inches  
Reference (Company) Electrical Safety Program For Arc Flash PPE Requirements.

Equipment: MCC #1 Building, SWGR #1  
Protective Device: LOAD SIDE of FB-1, Manual Break, QN  
Report #: TWBESC-XXXX-YY-AHA-ZZZ Rev 1.0

SHOCK PROTECTION  
480 VAC

RIG Class #  
0  
Limited Approach Boundary  
Restricted Approach Boundary  
42 inches  
FROM EXPOSED ENERGIZED CONDUCTORS or CIRCUIT PARTS

Analysis By: TWBESC  
Date: 2021-01-30  
Standard #: IEEE 1584-2018

# DANGER

## Arc Flash and Shock Hazard

ARC FLASH PPE  
140.1 cal/cm<sup>2</sup>  
incident energy

Arc Flash Boundary  
Working Distance  
48 inches  
Reference (Company) Electrical Safety Program For Arc Flash PPE Requirements.

Equipment: MCC #1 Building, SWGR #1  
Protective Device: LINE SIDE of FB-1  
Report #: TWBESC-XXXX-YY-AHA-ZZZ Rev 1.0

SHOCK PROTECTION  
480 VAC

RIG Class #  
0  
Limited Approach Boundary  
Restricted Approach Boundary  
42 inches  
FROM EXPOSED ENERGIZED CONDUCTORS or CIRCUIT PARTS

Analysis By: TWBESC  
Date: 2020-01-30  
Standard #: IEEE 1584-2018

# WARNING

## Arc Flash and Shock Hazard

REFER TO [COMPANY]  
ELECTRICAL MAINTENANCE DEPARTMENT  
ARC FLASH INCIDENT ENERGY STUDY RESULTS  
TABLE OR CMMS ASSET RECORD FOR  
ARC FLASH & SHOCK DATA

CONTRACT PHONE: (XXX) XXX-XXXX  
Building ID, Office ID

**TW BECKER**  
ELECTRICAL SAFETY CONSULTING

WWW.TWBESCA.COM

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