

## NFPA 70E Requirements

The National Fire Protection Association (NFPA) published the latest edition of the NFPA 70E Standard (Standard for Electrical Safety Requirements for Employee Workplaces) in 2009. The revised version requires employees to wear flame resistant (FR) protective clothing that meets the requirements of ASTM F1506 wherever there is possible exposure to an electric arc flash. It requires employers to perform a flash hazard analysis to determine the flash protection boundary distance. The standard is designed to protect employees working inside these flash protection boundaries by requiring protective clothing for corresponding Hazard/Risk Category that has an arc thermal performance value (ATPV) of at least the value listed in the “Protective Clothing Characteristics” section of the standard (see table above). The vast majority of major companies in the U.S. have some employees who work on or near energized electrical conductors or circuit parts. In addition, the Department of Energy has required that federal and contractor employees comply with NFPA 70E and the 2002 National Electric Code (NEC) references the NFPA 70E standard. Finally, OSHA considers the NFPA 70E standard a “recognized industry practice.”

**When incident energy exceeds 40 cal/cm<sup>2</sup> at the working distance, greater emphasis than normal should be placed on de-energizing before working on or near the exposed electrical conductors or circuit parts.**



From Clothing to Insulated Tools to ARC Suppression Blankets we have everything you need to meet the NFPA 70E Standard and OSHA 29 1910.269 Regulations. The NFPA 70E Standard and OSHA Regulations have been established to protect workers from electrical shock and arc flash hazards. For example, the NFPA 70E Standard specifies areas in which arc flash protection is required for workers. All personnel within the defined boundaries must wear specified protective equipment, even on circuits as low as 50 volts. The NFPA 70E Standard and OSHA Regulations **MUST** be met, and OEL has made it easy and affordable for you to meet and exceed them.

**OEL is Protecting the American Worker**

## OEL'S LEATHER PROTECTOR GLOVES

OEL's Leather Protector Gloves should always be worn over Insulating Rubber Gloves to provide the needed mechanical protection against cuts, abrasions and punctures. Our leather protector gloves are manufactured from top grain cowhide or goatskin. Both cuffs are tough leather on palm side and vinyl on the back. Protectors for Class 00 and 0 are available with non-metallic buckle and pull strap or elastic wrist.

Available in full sizes from 8-12 and perfectly matched to the shape of our Rubber Insulating Gloves. The 10" Goatskin glove is designed for class 00 + 0 while the 12" Cowhide glove is designed for use with class 1+ 2 gloves.

It is the responsibility of the purchaser to specify the overall length of the protector gloves.

**WARNING:** Do not use leather protectors alone for protection against electric shock. Serious injury or death will result. Always use proper insulating rubber gloves. Proper care of leather protectors is essential to user safety. Inspect the leather protectors when inspecting rubber gloves. Metal particles, imbedded wire, abrasive materials or any substance that could physically damage the rubber gloves must be removed from the protector before use.



## Leather Protector Gloves & Accessories

Category	Material	Length (in)	Sizes
AFW-PG-10-(size)	Goatskin	10	Full Sizes 8-12
AFW-PG-12-(size)	Cowhide/Gauntlet	12	Full Sizes 8-12
AFW-PG-GLL	Monotherm Polypropylene Liner	One Size Fits Most	One Size Fits Most
AFW-TC-4	4oz of talc powder in squeeze bottle		

## Glove Bags

Category	Sizes
AFW GLB11	Glove Bags For 11 inch gloves
AFW GLB14	Glove Bags For 14 inch gloves
AFW GLB16	Glove Bags For 16 inch gloves

