

CLEANING, PREVENTATIVE MEASURES, PRECAUTIONS

- * Do NOT use chlorine or detergents containing chlorine. Such substances compromise the protective qualities of your protective apparel by rapidly breaking down materials.
- * Do NOT use fabric softeners or detergents containing fabric softeners
- * Do NOT wash your protective apparel with personal items
- * Do NOT commercially dry clean
- * Do NOT line-dry in direct sunlight
- * Do NOT store in direct sunlight
- * Wear protective gloves and eye/face splash protection when cleaning soiled items
- * Use regular mild detergent
- * Water temperature not to exceed 105°F (warm water recommended)
- * Tumble dry heat not to exceed 105°F (low-heat recommended)

Protective apparel maintains protective properties after proper washing and drying.

The ArcShield™ can be cleaned using a dampened soft all cotton cloth with a solution of a couple drops of dish detergent to about a half-gallon of cold water then dry with a soft cotton cloth (for the side that isn't anti-fog). Refer to the Paulson website www.paulsonmfg.com for complete details.

MACHINE WASH CLEANING INSTRUCTIONS

Washing machines and dryers may be used, but only under special conditions. Use the following procedures if machine washing and drying:

- * Choose a washing machine that is used for cleaning protective clothing. While top-loading machines may be used, front loading washers/extractors are preferred, as these machines are less likely to physically damage clothing and can be programmed for specific water levels, temperatures, and times.
- * Brush off any loose debris. Should any debris or materials be adhered to the components/fabric of the apparel, remove the apparel from service until it can be professionally inspected and/or cleaned to a serviceable condition.
- * Pre-treat heavily soiled or spotted areas.

- * Unless otherwise instructed, load machine to 80% of its rate capacity. Overloading will result in inefficient cleaning.
- * Use mild wash settings with warm water temperature.
- * Use a regular mild detergent in volume according to the detergent supplier's instructions.
- * Tumble dry low-heat setting or line dry in a well-ventilated, cool, shaded area – NOT IN DIRECT SUNLIGHT.
- * Inspect the apparel and if necessary rewrite the protective apparel or submit it for advanced cleaning procedures.

SUGGESTED STORAGE

Store your apparel only when it is clean, dry, and free of contamination. Storing wet apparel will promote growth of germs, bacteria, mildew, fungus, or other harmful substances with the potential to cause skin irritation, rashes, diseases and/or illnesses. Wet conditions can also lead to deterioration of apparel materials. Keep apparel away from potential contaminants such as oils, greases, or other chemical substances. Store your apparel in a dry, clean, ventilated area – away from direct sunlight and away from tools or other sharp objects. Do not store your protective apparel with your personal belongings or in a personal living area.

RETIREMENT AND DISPOSAL

The decision for the continued service of your protective apparel must be made by a qualified individual within your department or organization. If you have doubts about your protective apparel and its condition, immediately bring this matter to the attention of your supervisor, department, or organization. Protective apparel that is no longer deemed serviceable (withdraw from service) for reasons of damage, contamination or other unsafe condition must be disposed of in a manner whereby the protective apparel cannot be reused (such as cutting into pieces). Contaminated apparel must be disposed of by your department or organization in accordance with federal, state/provincial, or local regulations.



In accordance with California's PROP 65, this product may contain a chemical/component that is known to the state of CA to cause cancer, birth defects, or other reproductive harm. For more information regarding PROP 65, visit www.oehha.ca.gov/prop65.html

ArcShield™ is produced by Paulson Manufacturing. Majestic Fire Apparel is in no way responsible for any claims concerning the ArcShield™. All certifications, testing results and care instructions for the ArcShield™ are provided exclusively by Paulson Manufacturing.



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WARNING & USER INFORMATION GUIDE Protective Apparel (Hoods & Garments)

By removing this WARNING & USER INFORMATION GUIDE, you are confirming that you have read and completely understand the information and instructions provided. Only the end user shall remove this information prior to use.

- Do NOT use this protective apparel if you have not read and understood this guide and the label on your apparel.
- Do NOT use this protective apparel if you have not been trained and supervised for proper use.
- This protective apparel will not protect you from all hazards under all conditions.
- This protective apparel must be worn as part of a complete protective ensemble. It is the responsibility of your department or organization to determine the suitability of this apparel for its intended use, and when this apparel must be worn together with other ensemble elements, and to ensure that the selected ensemble elements work together to provide the intended protection.
- You must properly care for, clean, inspect, store and maintain this apparel according to the recommended instructions in this guide in order for the apparel to provide effective protection.

WARNING-CAUTION-DANGER

YOU MAY SUSTAIN SERIOUS INJURY OR DEATH IF YOU DO NOT HAVE THE SPECIAL TRAINING AND KNOWLEDGE TO CORRECTLY USE THIS PROTECTIVE APPAREL AND/OR HAVE NOT READ THIS WARNING & USER INFORMATION GUIDE. IF YOU WERE NOT GIVEN A COMPLETE WARNING & USER GUIDE INFORMATION GUIDE OR MISPLACED THE WARNING & USER GUIDE, ALERT YOUR ORGANIZATION OR CONTACT MFA, INC. FOR A REPLACEMENT.

REVIEW BEFORE USING

Protective apparel meets Cal-OSHA Standards.
Protective apparel insulates against heat and cold.
Protective apparel maintains protective properties after proper washing and drying.

ARC rated protective apparel complies with NFPA 70E, exceeding the performance specifications of ASTM F 1959/F 1959M-05a. Please refer to label inside protective apparel for ARC rating. ARC RATING (ATPV value) is indicated on label for items that have been ARC tested. If no ARC RATING (ATPV value) noted, then ARC testing has not been completed.

Always perform a risk hazard assessment when working in an electric arc/industrial environment to determine the protection required. If your apparel is ARC rated, it is possible that the actual ARC flash blast could be higher than the actual Cal rating of protective apparel. It is always advised to perform a risk hazard assessment for each and every job function performed.

Do NOT use this protective apparel unless and until you have been thoroughly trained by your employer about the dangers associated with working in an electric arc/industrial environment, including safety procedures and the proper use of your protective apparel.

Wearing your protective apparel may increase your risk of heat stress which may cause heart attack, stroke, dehydration or other conditions resulting in injury, death or illness. At the first sign of heat stress, immediately seek medical help. Be constantly alert to the possibility of exposure to heat and other hazards.

INSPECTIONS

Though most performance properties of the protective apparel cannot be tested adequately in the field, OSHA regulations require you /your employer to regularly inspect your protective apparel and other safety equipment. Your employer should have a compliant, systematic, routine and regularly scheduled inspection. Full written documentation of these inspections should be kept. Inspect your apparel prior to its first use and following every use.

BEFORE FIRST USE INSPECTION

Prior to using the apparel for the first time, ensure that the apparel does not have any construction flaws or was damaged when being put into service.

ROUTINE INSPECTIONS

Following every use, inspect your protective apparel for:

- * Soiling and/or contamination
- * Physical damage such as, but not limited to, rips, holes, tears, frays, or cuts
- * Thermal damage such as, but not limited to, charring, burn holes, melting, and discoloration of any layer
- * Compromise in seams and/or stitches – ensuring there is no broken or missing stitches (thread)
- * Label legibility – labels should not be removed, and information/markings should be legible
- * Questionable appearance or characteristics

Upon inspection, if any of the above conditions exist, without delay alert the supervisor of your department or organization and request a determination on the continued serviceability of your protective apparel.

WARRANTY INFORMATION

Your protective apparel is warranted by the manufacturer to be free from defects in material and workmanship only.

This warranty does NOT cover normal wear or unusual exposures.

This apparel has been manufactured to enhance personal safety in an electric arc/industrial environment. However, it is sold without warranty and makes no claims as to the ability to protect the wearer from injury or death.

Paulson Manufacturing Corporation warrants the ArcShield™ against defects in material or workmanship for one year from the time of delivery. Refer to the Paulson Manufacturing website (www.paulsonmfg.com) for complete details.

The manufacturer makes absolutely no claims as to the ability of this protective apparel to safeguard the wearer from injury or death.

DONNING YOUR PROTECTIVE ARC SUIT WITH BEEKEEPER HOOD

- * Put protective pants on prior to jacket and ARC beekeeper hood
- * Open side zippers on pant legs.
- * After donning pants, close side zippers and secure Velcro® covers.

- * Before putting on jacket, zipper ARC beekeeper hood to back of collar on jacket.
- * After putting on jacket, secure front zipper and Velcro® covers.
- * The ARC beekeeper hood is designed to fit over the standard hard hat. Place the shield bracket with the blue band to the back of the hard hat. Continue placing the ARC beekeeper hood from back to front. Adjust for comfortable fit and secure front Velcro® attachment on jacket.

DONNING YOUR PROTECTIVE HOOD

- * Place hood over head with face opening positioned comfortably over face.

DOFFING YOUR PROTECTIVE APPAREL

Dooffing procedures vary depending on whether or not your protective apparel has been contaminated during use.

CONTAMINATED

Protective apparel contaminated with blood, bodily fluids, toxins, radioactivity, chemicals and hazardous materials:

- * Avoid unprotected bodily contact with any contaminated area of your protective apparel. Avoid spreading the contaminants from your apparel to your personal belongings, your living quarters and/or interior spaces in buildings and vehicles.
- * Place contaminated protective apparel in leak-proof, air tight bag that can be securely sealed.
- * Properly dispose of or decontaminate in accordance with applicable federal, state and local laws.

NO CONTAMINATION

- * If no contamination has occurred, remove your protective apparel in reverse of that described in the donning instructions.
- * Inspect apparel for any damage or change in condition.
- * If damage or change in condition is noted, notify employer immediately. Such damage or change in condition must be corrected before you may use your protective apparel.
- * If no damage or change is noted, clean and store your protective apparel as recommended in this guide under MACHINE WASH CLEANING INSTRUCTIONS (noting CLEANING, PREVENTATIVE MEASURES, PRECAUTIONS).