



PRODUCT DATA SHEET
Flash-Pro™ Personal Protection Equipment Kit
Model # FP-AG21 / 21 Cal/cm2 Kit

DESCRIPTION:

Elvex's Flash-Pro™ kit contains an Arc Flash Jacket, Bib Overalls, Hood with ARC Shield, Hard Hat, Class 0 Rated Gloves with Leather Protectors, and Gear Bag.

APPLICATION:

Flash-Pro™ Electric ARC Flash protection kit is designed by Elvex to protect workers from thermal energy releases up to 21 cal/cm², for NFPA70E hazard risk applications.



FEATURES:

- Flash-Pro™ ARC Hood system (in lieu of balaclava), 21 cal/cm², of Westex Ultrasoft 13 oz, system includes Elvex proprietary design molded ARC shield of Polycarbonate material with special absorbers in a .075" thick shield for maximum impact and thermal protection, the shield's Anti-Fog coating prevents fogging and insures visibility
- The ARC shield is rated for Visible Light Transmission of 43 to 55%, High mass Impact protection, and UV protection of 99.999% / 200-380 nm, per ICS Laboratories tests to ANSI Z87.1-2010
- Hood system components include: Elvex Tectra™ Hard Hat and shield mounting accessories.
- Flash-Pro™ jacket, 21 cal, with zipper and Velcro front closure, in sizes S-XL, jacket of Westex Ultrasoft 13 oz
- Flash-Pro™ bib overall, 21 cal, in sizes S-XL, made of Westex Ultrasoft 13 oz
- Flash-Pro™ Glove Gear Kit (includes rubber insulating glove, leather protector glove, and bag), Class 0 rated 1,000 volts. Optional Glove available for Class 1 applications, rated 7500 volts. Glove Sizes are: 8, 8.5, 9, 9.5, 10, 10.5, 11, 12. The Rubber glove length is 12", and the Leather Protector length is 12".
- Elvex ARC gear bag Lightweight fabric
- Colors: Ultrasoft Fabric - navy blue / Rubber gloves - black / Leather Protectors - white and orange

Standards:

- ATPV arc rating for Hood System/ARC Shield to ASTM F2178-08 Test Standard for Face Protective Products, certified by Kinectrics High Current laboratory Toronto, Canada
- Westex Ultrasoft Fabrics ATPV arc rating certified to ASTM F1959/F1959M-06 Standard Test Method for Determining The Arc Rating Of Materials for Clothing at Kinectrics Laboratory
- Light Transmission, UV and High Mass Impact ratings by ICS Laboratory to ANSI Z87.1-2010 std
- Refer to ASTM D120-02, Standard Specification for Rubber Insulating Gloves and ASTM F496-02 Standard Specification for In-Service Care of Insulating Gloves
- Refer to ASTM F696-02, Standard Specification for leather Protectors and Insulating Gloves



Important Safety Information:

- An Electric Arc Hazard Assessment is required to be performed by employers in accordance with NFPA 70E
- ASTM F1959 provides the detailed guidelines of tests to be performed to determine thermal protective values for each electric arc application and task.
- ASTM specifications require a minimum distance of 1" per 10,000 volts of A-C proof test between the edge of your rubber glove cuff and the edge of your protector cuff.

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