

# Product Data Sheet

## AFA-SK1-PC-8



High Performance Arc Flash Protective Face Shield Kit for electricians based on the PAULSON Nanotechnology. Includes cap bracket with US clips. With Premium Coating. Tested to an ATPV of 8 cal/cm<sup>2</sup> as per ASTM F2178 (Open Arc Test). Meets NFPA 70E (HRC 2). Patented product.

### Specification

STANDARDS	Designed to meet ANSI Z87+S; ATPV: 8 cal/cm <sup>2</sup> according to ASTM F2178; HRC 2 according to NFPA 70E
MATERIAL	The face shield is made from a patented blend of dyes and Nanoparticles embedded into a high grade Polycarbonate matrix manufactured by injection molding. With Premium Coating (permanent anti-fog and abrasion resistant coating).
WEIGHT	0.298 kgs or 10 1/2 ounces
COLOR	Green
SHIELD SIZE	7 1/4" x 20" x .060" or 18,4 x 50,8 x 0,15 cm
COMPETITIVE ADVANTAGE	The patented and patents pending formulas work by including different types of Nanoparticles, synergistically working with the special dyes, dispersed into the window to provide an invisible reflective barrier and other Nanoparticles to absorb the intense Arc Flash energy. These new formulas are the result of years of intensive research and testing. The final advantage to the user is that these new designs are highly absorptive providing high levels of Arc Flash Protection with unprecedented Visible Light Transmittance (VLT).
WARNINGS	Read the instructions before use and consider the WARNINGS given herein.
KIT	Premium coated window with cap bracket for slotted caps (US slot adapter attachment).

### Order Data

PRODUCT NUMBER	2130127
PRODUCT CODE	AFA-SK1-PC-8

### Application

GENERAL	The ArcShield is designed to protect eyes and face, if used as intended, against the mechanical and thermal hazards of an arc flash during live working or when staying in the vicinity of live parts. It is not intended for arc welding, especially not to protect against long term high heat, chemicals or any other radiation than emitted by an arc flash.
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