

Product Data Sheet

ARC-PCE 12 S2K1-PCT



High Performance Arc Flash Protective Face Shield Kit with large chin protector for electricians based on the PAULSON Nanotechnology. Includes helmet bracket with EURO clips. Tested to an ATPV of 12 cal/cm2 as per ASTM F2178 (Open Arc Test). Meets NFPA 70E (HRC 2). Certified to EN 166. Exceeds Arc Protection Class 2 as per GS-ET-29 (Open Box Test). Patented product.

Specification

STANDARDS	EN 166 and EN 170; designed to meet ANSI Z87+S; passed Arc Exposure Tests according to GS-ET-29, Class 2 (423 kJ/m2); ATPV: 12 cal/cm2 according to ASTM F2178; HRC 2 according to NFPA 70E
EN MARKING	2C-1.4 PMC 1 B 8-2-1 3 CE 1883
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
TINTING	Green
SHIELD SIZE	7 1/4" x 20" x .060" or 18,4 x 50,8 x 0,15 cm
VISIBLE LIGHT TRANSMITTANCE (VLT)	VLT Class 1 as per GS-ET-29
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 large permanently attached chin protector and cap bracket for slotted caps (EURO slot adapter attachment).

Order Data

PRODUCT NUMBER	2130901
PRODUCT CODE	ARC-PCE 12 S2K1-PCT

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Managing Directors: Roy Paulson, Bjoern Krempel • VAT Number: DE251105368

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Bank Account (USD): Account No: 120 136 2500 • IBAN: DE85 5109 0000 1201 3625 00 • BIC (SWIFT) WIBADE5W

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Application

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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