

Product Data Sheet

IM22-AFA-PC-8



ArcShield replacement window for Arc Flash protection. Meets NFPA 70E (HRC 2). Tested as per ASTM F2178, ATPV: 8 cal/cm². Patented product.

Specification

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).
STANDARDS	Designed to meet ANSI Z87+S; ATPV: 8 cal/cm ² according to ASTM F2178; HRC 2 according to NFPA 70E
COLOR	Green
SHIELD SIZE	7 1/4" x 20" x .060"
WEIGHT	271 g or 9.56 oz
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). The green color of this Arc Shield maximizes visibility.

OrderData

PRODUCT NUMBER	2140012
PRODUCT CODE	IM22-AFA-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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