

Product Data Sheet



- **Industrial Products**
 - Headgear and face shields
 - Hard cap and hat brackets
 - Sun Shields-UV protection
 - Knee Shields
 - Chemical goggles
- **Tactical Products**
 - Helmet riot shields
 - Body shields
 - Goggles
- **Fire Fighter Protection**
 - Structural goggles
 - Wildland goggles
- **Motor Sports**
 - Helmet shields
 - Bubble Goggle

Arc Shield Model IM23-ARCAF6FXL-10



DESCRIPTION: ArcShield is an injection molded window measuring 7"x 20"x.060".Anti-fog both sides.

MATERIAL:
Plastic/Chemical alloy

COLOR: Extra Lt. Enhancing Green

SPECIFICATION : NFPA 70E-2004
A.N.S.I. Z87.1- "Special Application"

HAZARD ASSESSMENT: Tested with Paulson dielectric hat and cap brackets and Class B helmets to 8 cal/cm². Tests are conducted independently, by a Canadian utility with access to a controlled test procedure. The Arc flash hazard is not specifically addressed by any current standard. ASTM F-18 has voted to consider eye and face protection in addition to arc and flame resistant clothing.

APPLICATIONS: ArcShield is used in association with dielectric head protection and accessories to provide protection from the hazards of arc flash. Arc flash is a common hazard in electric utility operations.

PRODUCT WEIGHT:
7 oz

HELMETS AND ACCESSORY COMPATIBILITY: Tests have been conducted with PMC Model HB2-HD dielectric hat brackets and CB2-HD cap brackets, associated with a Class B hard hat. Dielectric hard cap or hats and accessories must be used in arc flash exposures. Other tests have been conducted with arc hoods and rain hoods designed for arc flash protection

COMPETITIVE ADVANTAGE: ArcShield carries the highest cal/cm² protection in association with PMC dielectric hat and cap accessories. Cal/cm² is the formula used for heat exposure. The PMC rating of 8 exceeds other available products by nearly triple and is less than one half the cost. Arc hoods using ArcShield have yielded as high as 45-cal/cm² protection.

COMMENTS:

The ArcShield is shown here mounted on a Paulson Cap Bracket with a Paulson chin protector attached.

ArcShield will carry a warning against use for arc welding exposures. Additional warnings will be given for color definition. The amber color of ArcShield will effect some color perception

