

Paulson Manufacturing Corporation

ArcGoggle™

Model BALA-ARC-KIT-HE High Energy Kit



This Kit contains: One High Energy Balaclava (ARC-BALA-HE) and one High Energy ArcGoggle (510-ARC-S 45). Both tested under ASTM F2178 together for an Arc Thermal Performance Value (ATPV) of 45.8 Cal/cm²

Description

The High Energy ArcGoggle is designed to be worn with the approved arc flash Balaclava that is included in the kit. Both meet the electrical arc flash hazard assessment requirements listed in NFPA 70-E-2004.

The High Energy Balaclava is a dual eye port design with a honey-comb breathing chamber. The Balaclava is a soft triple layer stretch Carbon-X fabric and is to be worn tucked into your PPE Arc Flash approved shirt or jacket. Tested to the requirements of ASTM F2178.

The ArcGoggle

Lens: Optically correct dual layer lens; nanotechnology design provides the highest level of Arc protection and durability for the VLT (Visible Light Transmittance). Outer polycarbonate lens is hard coated and the inner propionate lens is anti-fog treated. Tested to the requirements of ASTM F2178.

Strap: Black silicone strap is comfortable and easily adjustable with gloves.

Frame: Frame manufactured from silicone with black bezel; fits over most prescription safety and sun protective spectacles.

Specification: ArcGoggle and Balaclava designed to meet the performance specifications of NFPA 70E-2004 and ANSI Z87.1 Tested under ASTM F2178.

BALA-ARC-KIT-HE has an Arc Rating (ATPV) of 45.8 Cal/cm²

Helmet and Accessory Compatibility: Cap style and full brim safety helmets.

ArcGoggle Material: Silicone frame and strap. Polycarbonate outer lens and a propionate inner lens. Polymer alloy components.

Balaclava Material: Triple layer 100% Carbon-X.

ArcGoggle Color: Black frame with black bezel.

Balaclava Color: Black. Washing instructions inside label.

Product Weight: 380 grams or 13.40 oz

Competitive Advantage:

The ArcGoggle in combination with an approved Balaclava and helmet is the only known system that provides an alternative to the use of Bee Keeper style hoods for Electrical Arc Safety up to 45 Cal/Cm². Provides primary eye protection as per ANSI Z87.1 and replaces the safety glass requirement.

WARNING

This product does not meet the face shield requirements of NFPA-70-E-2004

Patent 6,375,865 and Patent Pending