

Paulson Manufacturing Corporation

ArcGoggle™

Model BALA-ARC-KIT-ME Medium Energy Kit



This Kit contains: One Medium Energy Balaclava (ARC-BALA-ME) and one Medium Energy ArcGoggle (510-ARC-SN 38). Both tested under ASTM F2178 together for an Arc Thermal Performance Value (ATPV) of 27 Cal/cm²

Description

The Medium 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 Balaclava is an open face design giving one large port for the eyes making this comfortable to the wearer. The Balaclava is a soft double layer stretch Kevlar blend fabric and is to be worn tucked into your PPE Arc Flash approved shirt or jacket.

The ArcGoggle

Lens: Optically correct dual layer lens. 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 and fits over most prescription safety and sun protective spectacles. Outer blue bezel designed with protective nose shield.

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-ME has an Arc Rating (ATPV) of 27 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: Double layer 55% Carbon and 45% Kevlar.

ArcGoggle Color: Black frame with blue bezel.

Balaclava Color: Green blend. Washing instructions inside label.

Product Weight: 358 grams or 12.63 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 27 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