

510-ARC-S 45 High Energy Arc Goggle

A primary protective Arc Goggle designed to specifically address the requirements of Arc Flash Protection. Arc Thermal Performance Value (ATPV) 45 Cal/cm². Must be worn with additional PPE.



Description

The Arc Goggle is designed to be worn with an approved arc flash Balaclava that meets or exceeds the hazard assessment. Electrical arc flash as per the hazard assessment requirements listed in NFPA 70-E-2004.

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

Silicone strap is comfortable and easily adjustable with gloves.

Frame

Frame manufactured from silicone and fits over most prescription safety and sun protective spectacles.

Order data

Product number:	2130073
Short name:	510-ARC-S 45 High Energy Arc Goggle

Specification

Specification:	Designed to meet the performance specifications of NFPA 70E-2004 @ 45 Cal/cm ² and ANSI Z87.1. Tested under ASTM F2178.
Helmet and Accessory Compatibility:	Cap style and full brim safety helmets.
Material:	Silicone frame and strap. Polycarbonate outer lens and a propionate inner lens. Polymer alloy components.
Color:	Black frame with black bezel.
Weight:	204 grams or 7.20 oz

Competitive Advantage

The Arc Goggle 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.



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