

CLY 545 5501RB & CLY 545 5511RB Arc Protection Hood with Ear Protection Data Sheet



The Clydesdale Arc Flash Protection Hood with Ear Protection is designed to protect the wearer's head and neck from the thermal effects of an electric arc flash, should one occur whilst working under live conditions, such as fault-finding.

The one-size-fits-all hood has a comfortable, lightweight design based on a baseball cap with a large, clear anti-fog screen making all-day wear possible.

The hood features extended coverage of the ear area which could be potentially vulnerable as the wearers first instinct in an electric arc incident could be to turn away exposing the side of the head. The apron portion provides two safety features – the first to deflect any heat and molten debris which may have otherwise been deflected up into the wearers face were there no apron. The second safety aspect is that the wearer's natural reaction to an arcflash may be to inhale in shock or fright. The apron will significantly reduce any heat and toxic materials that the wearer would otherwise inhale.



The clear protective screen is fully removable should it require replacement or the fabric require laundering. To prevent scratching of the screen, the apron can fold over the screen and be fastened in place with Velcro to the peak, doubling as a protective cover when the hood is stored.

Although the hood does not provide mechanical bump protection, it is CE marked to EN 166, the standard for personal eye protection and is rated as Class 2 under ENV 50354, the European draft standard for arc flash PPE.



Part Number	Fabric Component
CLY 545 5501 RB	Nomex®
CLY 545 5511 RB	INDURA® UltraSoft®

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