

CLYDESDALE

Powering the Future

DATASHEET: CLY 5611 RB

Hard hat Visor with Apron

The Clydesdale Hard Hat Visor with Apron has been developed to fit to standard EN 397 compliant hard hats to provide the face protection to the wearer from the thermal effects of an electric arc flash, should one occur when working under live conditions such as fault finding.

The Visor is easy to retro-fit to all hard hats with a locating bracket at the front and sturdy rubber strap to fit around the back to hold it in place.

Once fitted, the visor can then be raised or lowered.

The visor has been designed in such a way that in the raised position, the wearer's height clearance is only increased by an inch or so. This means a lower centre of gravity making the hard hat stable on the head, as well as avoiding knocking the hard hat off on overhead obstructions such as doorways.

The apron provides multiple functions. Primarily, it is proven to deflect the energy from an arc explosion away from the wearers face. This is a key protection feature as it has been shown that when other visors without an apron are exposed to an arc, a large portion of the heat and molten material hitting the wearer's chest will be deflected upwards – directly into the wearer's face! Another safety aspect is that the wearer's natural reaction at an arc flash may be to inhale deeply in shock/fright. The apron will significantly reduce any heat and toxic materials that the wearer would otherwise directly inhale.

The apron also has a secondary function of protecting the screen when not in use. The apron is supplied with an adhesive Velcro tab which is stuck to the back of the hard hat. When not in use, the visor lifts up with the apron over the top and the Velcro tab holds it all in place. If necessary, the clear anti-fog screen and apron are both removable for washing or replacement.



The visor is CE marked according to EN 166, the eyewear safety standard, and is rated as Class 2 under ENV 50354, the European draft standard for arc flash PPE.