

Technical Data Sheet

ArcPro System

ArcPro Anti Electric Arc Face Protection System

System protects against Arc Flash risks posed by electrical faults and is fully tested to protect up to 40cal/cm². Headband mounted via the ArcPro Browguard or helmet mounted with the Hi-Tem 300 Carrier on either the Centurion unvented Concept, Vision or Vulcan helmet.



Specification

Face Screen Lengths:	225mm actual length, (210mm visible length when fitted) – S590AEA 180mm actual length, (160mm visible length when fitted) – S910AEA
Product Compatibility:	Headband mounted via ArcPro Browguard Helmet mounted via Hi-Tem 300 Carrier and unvented Concept (ABS) Helmet or Vision (ABS) Helmet or Vulcan (GRP) Helmet Chin Guard Protection in conjunction with 180mm ArcPro Screen Hearing Protection - Centurion Baltic (S41C) or Aegean (S42C) Ear Defenders
Product Code:	S590AEA: Polycarbonate Clear Anti Electric Arc Face Screen S910AEA: Polycarbonate Clear Anti Electric Arc Face Screen S89CAEA: Polycarbonate Anti Electric Arc Browguard S91C: Polycarbonate Chinguard S57CVAEA: Hi-Tem 300 Carrier (Complete with S570 and S575 clips for Connect, Vision helmets and Vabon sweatband)
Packaging:	S590AEA: 10 per pack, pack size 40.3 x 23.1 x 1.2cm, pack weight 1.65kg S910AEA: 10 per pack, pack size 40.3 x 17.8 x 1.1cm, pack weight 1.36kg S89CAEA: 10 per box, box size 53.5 x 37.3 x 26.7cm, box weight 2.54kg S91C: 10 per box, box size 41.5 x 27 x 18cm, box weight 1.36kg S57CVAEA: 10 per box, box size 41.5 x 27 x 18cm, box weight 1.87kg

Materials

Face screen carrier:	Polyetherimide
Face Screens:	Polycarbonate Clear 1.5mm
Browguard/Chinguard:	Polycarbonate

Standard

All comply to EN 166 with the options for Face screens:-

1 B 8 9 (EN 170 2-1,2)

- 1- Optical Class, B- Medium Energy Impact
- 8- Protection against Short Circuit Electric Arc
- 9- Non adherence of molten metal and resistance to penetration of hot solids
- EN 170 2-1, 2- Ultra Violet Radiation at wave lengths shorter than 313nm and when glare is not an important factor.

Storage/Lifetime

- Storage:
- Can be stored and transported in their original cartons at ambient temperature (0°C to + 30°C)
 - May be stored in the dark for up to **5 years**
 - Do not store in direct/high heat or sunlight as this may distort the shell

- Lifetime:
- The Centurion Face Screen has an in-use life to up to **5 years**
 - Excessive wear and tear can considerably reduce the lifespan of the product

Cleaning

- Clean using warm soapy water and soft cloth
- **Do not** use solvents or abrasives