High Temperature Protection

Technical Data Sheet

High Temperature Face Protection

CONNECT®

Select a Face Screen from our high temperature range and connect to the S57 high temperature Face Screen Carrier and the Vulcan Safety helmet.

Specification

Colours:	S57 Carrier - Brown, Screens - Clear, Green & Gold
Face Screen Lengths:	225mm actual length (210mm visible length when fitted)
Face Screen Types:	Triacetate Clear, Triacetate Clear/Green, Triacetate Green, Gold Polycarbonate
Accessories:	Compatible with CONNECT® range of face and hearing accessories
Packaging:	S57: 10 per box, box size 41.5 x 27 x 18cm, box weight 1.7kg
	S760: sold as a single (packaging dependant on quantity required)
	All other screens: 10 per pack, pack sizes 40.3 x 23.1 x 1.2cm
Face Screen Code & weight:	S598 Triacetate Clear, pack weight 1.42kg
	S603 Triacetate Green/Clear (shade 3), pack weight 1.42kg
	S605 Triacetate Green/Clear (shade 5), pack weight 1.46kg
	S613 Triacetate Green (shade 3), pack weight 1.38kg
	S615 Triacetate Green (shade 5), pack weight 1.48kg
	S760 Gold Polycarbonate*, screen weight 0.12kg
Carrier Clips:	S570 (CONNECT® clips for fitting to Vulcan helmet)

Temperature resistance	S57	S598/S603/S605/S613/S615	S760
no softening before:	300°C	93°C	140*
no melting before:	380°C	250°C	150

* Gold tint deflects radiant heat and therefore withstands higher temperatures

Materials

Face screen carrier:	Polyetherimide
Face screens:	Triacetate or Polycarbonate Gold

Standard

All comply to EN 166 with the following options below for the Face screens

S598	1 F T 9 3
S603/S605	1 F T 9 3 (EN 169 3/5)
S613/S615	1 F T 9 3 (EN 169 3/5)
S760	1 F T 9 3 (EN 171 4-5)

1 - Optical Class, F- Low Energy Impact
9 - Non adherence of molten metal and resistance to penetration of hot solids
3 - Protection against liquid droplets/splashes
T - Resistance to high speed particles at extremes of temperature
EN 169 3 - Filters for personal eye-protection equipment used in welding and similar operations.
EN 169 5 - Welding and braze welding of heavy metals. Welding with emittive fluxes (notably light alloys) Oxygen Cutting.
EN 171 4-5 - Protection against infra red radiation filters. Typical application in terms of mean temperature sources up to 1390°C.

Cleaning

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

Storage/Lifetime

Storage:

- Can be stored and transported in their original cartons at ambient temperature (0ºC to + 30ºC)
- 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 product

Lifetime:

- Has an in-use life to up to **5 years**
- Excessive wear and tear can considerably reduce the lifespan of the product

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