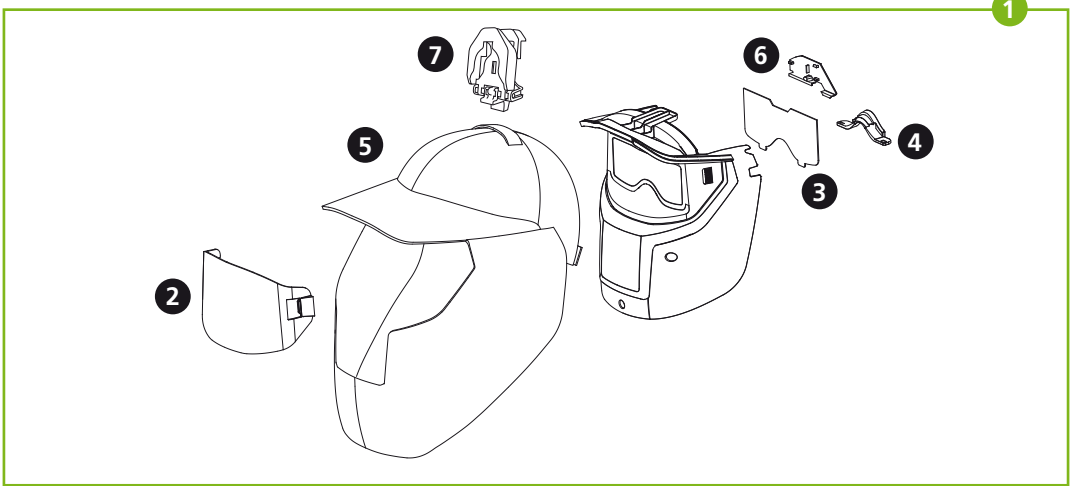


weldcap[®]

winning safety

EN



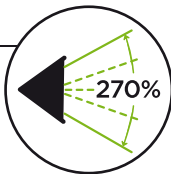


- 1** MSC00470 weldcap® mask complete
 - 2** LVE000226 Front cover lens set of 5 pcs
 - 3** LVE000227 Inside cover lens set of 5 pcs
 - 4** SPL000470 Nose rest set of 2 pcs
 - 5** SPL000471 Textile cap
 - 6** SPL000472 Battery cover
 - 7** SPL000473 Hook for weldcap®
- SPL000474** Starter kit weldcap®
 2 Front cover lens
 1 Inside cover lens
 1 Nose rest
 1 Battery set



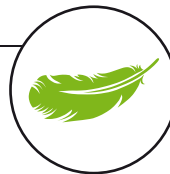
Extensive field of vision

The heart of this innovative product is the optical unit featuring a well-defined nose cut out. Thereby the visual unit is placed closer to the eyes which enlarges the welder's line of sight by 2.7 times! This increases the lateral and the horizontal fields of vision and helps the welders performance and safety.



Minimal weight

The weldcap® weighs only 400 grams, so it is absolutely lightweight. Since the ADF is closer to the eyes, the weight of the product moves closer to its center of gravity, therefore increasing its stability and balance. The design eliminates pressure points and reduces strain on the welder's neck.



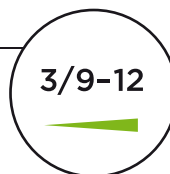
Revolutionary wear comfort

The weldcap® is an auto-darkening welder's cap that brings together the comfort of a casual cap and the advantages of a full welding helmet. The material combination of plastic and textile parts are unique. It is soft where it must be comfortable and rigid where it must be tough.



Utmost protection

The textile part is robust, easily detached and made of washable flame retardant fabric. The weldcap® is completely hygienic and classified for EN 379 and EN 175 F.



Swift handling

The weldcap® stands for a swift handling. Thanks to its special shape, it is very easy to take on and off. It can easily be parked with the parking buddy. This also increases the productivity of the welder.



Multi-purpose use

Darkening levels from 9 to 12 cover the majority of welding applications and with a protection level 3 in its general mode, the welder has a bright and well-lit view of the workplace. This feature predestinates the weldcap® for grinding jobs as well.



Type description

Light weight compound welding mask; infinitely variable shade selection DIN 9-12, grinding mode, low battery warning LED

Power supply

2 pcs LI-batteries 3V exchangeable (CR2032) (no need to switch on-off)

Viewing area

Viewing angle downwards: + 37°
Viewing angle sideways: + 25°

Battery life time

1000 h operating time / 10,000 h standby mode

Sensors

Wide angle detection sensor

Light transmittance

Ultraviolet / infrared protection (maximum at any shade setting)
Visible range activated shade level DIN 9-12
Visible range not activated shade level DIN 3

Switching time

Light to dark at room temperature 0.16 ms
Light to dark at 55°C / 131°F 0.110 ms
Dark to light 0.3 s

Classification

EN 379 optical class 1/1/2/2
EN 175 Impact resistance, class F (weldcap®)
EN 166 Impact resistance, class B (only front cover lens)
AS/NZS 1337.1 Impact resistance, class F (weldcap®)
Impact resistance, class B (only front cover lens)
ANSI Z87.1 Impact resistance, class Z87+

Classification textile

EN ISO 11611 Class 1
EN ISO 16612 Class A/B/C1/E3/F1

Shape stability

Welding mask up to 180°C / 356°F
Front cover lens up to 135°C / 275°F

Grinding mode

Shade level DIN 3

Operation temperature

- 10°C to + 60°C / 14°F to 158°F

Storage temperature

- 20°C to + 80°C / - 4°F to 176°F

Weight helmet

Complete approx. 400 g

Application range

All electric arc welding processes
Electrode welding (Stick Welding, SMAW) / MIG / MAG (GMAW) / GMAW High melting rate process / Flux Cored Wire Welding / TIG welding (GTAW) / Plasma Arc Welding / Micro Plasma Arc Welding / Plasmacut ting & Oxy-gas Welding / Grinding
Not suitable for laser welding as all masks ADF

Standards

CE (EN 379, EN 166, EN 175)
ANSI Z87.1, AS/NZS 1337/1338

Warranty

2 years (except textile cap and batteries)



reddot award 2014
winner



For more
information