



## Technical data

### Part No

### Type description

Light weight compound welding mask with large viewing area, true colour filter and bright see-through state; shade selection DIN 9 – 12; infinite variable by an adjustment knob; grinding mode operation and low battery warning LED



### Power supply

2pcs LI-batteries 3V exchangeable (CR2032)

### Viewing area

viewing angle downwards: - 45°  
viewing angle upwards: + 25°  
viewing angle sideways: ± 25°

### Operating time batteries

approx. 2000 hours (operating)

### 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 3

### Switching time

|               |                   |                     |
|---------------|-------------------|---------------------|
| light to dark | 160 µs (0,160 ms) | at room temperature |
|               | 110 µs (0,110 ms) | at 55°C / 131°F     |
| dark to light | 0.35 s            |                     |

### Classification

|                    |     |
|--------------------|-----|
| Optical class      | = 1 |
| Scattered light    | = 1 |
| Homogeneity        | = 1 |
| Angular dependence | = 2 |

### Shape stability

welding mask up to 220°C / 428°F  
front cover lens up to 137°C / 279°F

### Protection for ADF

reflection free front cover lens and inside cover lens

### Mask material

PA6.6 and flame inherent double layer textile

### Mask colour

black / green

### Operating 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 cpl.

360g

### Application ranges

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 / Plasmacutting / Grinding  
**prohibited for gas- and laser welding!**

### Scope of delivery

Welding helmet, instruction, battery, manual and two front cover lenses

### Standards

on approval (suggested: CE ECS, ANSI, AS/NZS, GOST-R, complies with CSA Z94.3)

### Warranty

from date of purchase: 2 years for manufacturing and material defects (battery excluded)

Subject to change without prior notice

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