



sphere · Welding helmets with respiratory protection

e684 PAPR

auto-darkening PAPR welding helmet with air supply

The e684 with air supply: optical class 1/1/1/1, ShadeTronic® 5–13 and respiratory protection with e3000X or suppliedair.

- Air duct and face seal — for e3000X or suppliedair
- Optical class 1/1/1/1 to EN 379
- ShadeTronic®: automatic 5–13, manual 5–9 and 9–13
- 3 sensors, detection-angle slider, FadeTronic and grind mode
- 700 g, silver or black shell

Technical data

Classification EN379	1-1-1-1: Optical class = 1, Scattered light = 1, Homogeneity = 1, Angular dependence = 1
Colour of knobs	grey
Colour of welding helmet	silver / black
Power supply	Solar cells, 2 x replaceable 3 V button cell batteries (CR2032)
Protection level (not activated)	4.0
Protection levels (automatic)	5–13
Protection levels (manual)	9–13, 5–9
Sensitivity adjustment	continuously, with “Super High” sensitivity range
Sensoric	3 sensors
Weight	700 g / 24.7 oz

What's in the box

- Welding helmet
- Operating instructions
- Storage bag
- Micro USB charging cable
- Attachment disc
- Warranty card

Technologies

FadeTronic

Multi-Sensor-Detection

ShadeTronic®

Variants and article numbers

Art. no.	Name	EAN
4441.600	e684 PAPR — PAPR welding helmet, silver	7640127614983
4441.601	e684 PAPR — PAPR welding helmet, black	7640127616048

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Description, images, documents and online shop:
optrel.pl/en/products/e684-papr/

Technical data according to optrel AG. Images for illustration. As of: 20 October 2026. optrel® — trademark of optrel AG.