



Technical Data

Type description	Welding mask with extra bright view in the light state (shade level SL 2.5), true colour filter, automatic darkening filter, infinite shade level selection from SL 8 – SL 12, grinding mode operation, infinite adjustable delay from 0.05 s to 1.0 s, LED warning for low battery and grind mode	Protection for ADF	Reflection free front cover lens and inside cover lens
Light transmittance	Ultraviolet-/infrared protection (maximum at any shade setting) Infinite exterior shade level setting Visible range activated: shade level 8 - 12 Visible range not activated: shade level 2.5	Mask material	PA6.6
Power supply	2 pcs batteries 3V exchangeable (CR2032)	Mask colour	Black
Operating time batteries	Approx. 3000 hours (operating)	Operating temperature	-10°C to +70°C / 14°F to 158°F
Sensors	3 sensors, variable detection angle with movable sensor slider	Storage temperature	-20°C to +80°C / -4°F to 176°F
Switching time	Light to dark: 0.100 ms at room temperature 0.070 ms at 55°C / 131°F Dark to light: from 0.05 s to 1.0 s adjustable	Weight	Welding helmet: 482 g, 17.002 oz
Classification EN379	Optical class: 1 Diffusion of light class: 1 Variations in luminous transmittance class: 1 Angle dependence of luminous transmittance class: 2	Application ranges	Any electric arc welding process Electrode Welding (Stick Welding, SMAW) / MIG / MAG (GMAW) / GMAW High melting rate process / Flux Cored Wire Welding / TIG welding (GTAW) / Plasma Arc Welding / Plasmacutting <i>Not suitable for gas and laser welding!</i> Grind mode at light state SL 2.5
Shape stability	Welding mask: up to 220°C / 428°F Front cover lens: up to 137°C / 279°F	Scope of delivery	Welding helmet, instruction manual, storage bag, batteries, warranty card and one front cover lense
		Standards	CE, ANSI, complies with CSA
		Warranty	from date of purchase: 2 years for manufacturing and material defects, 6 months for battery
		Warranty extension	1 year additional (battery excluded) for online product registration within the first 6 months (from date of purchase) on optrel.com/register