



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	Shape stability	Welding mask: up to 220°C / 428°F Front cover lens: up to 137°C / 279°F
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	Protection for ADF	Reflection free front cover lens and inside cover lens
Power supply	2 pcs batteries 3V exchangeable (CR2032)	Mask material	PA6.6
Operating time batteries	Approx. 3000 hours (operating)	Mask colour	Black
Sensors	3 sensors, variable detection angle with movable sensor slider	Operating temperature	-10°C to +70°C / 14°F to 158°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	Storage temperature	-20°C to +80°C / -4°F to 176°F
Classification EN379	Optical class: 1 Diffusion of light class: 1 Variations in luminous transmittance class: 1 Angle dependence of luminous transmittance class: 2	Weight	Welding helmet: 482 g, 17.002 oz
		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 & Oxy-gas Welding <i>Prohibited for laser welding!</i> Grind mode at light state SL 2.5
		Scope of delivery	Welding helmet, instruction manual, storage bag, batteries, warranty card and one front cover lens
		Standards	CE, ANSI, complies with CSA
		Warranty	2 years (except batteries) 1 year warranty extension for online product registration within the first 6 month. http://register.optrel.com