

Technical data sheet

Part No	1006.600 / 4441.800 (PAPR)		
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, infinite adjustable delay from 0.05 s to 1.0 s LED warning for low battery and grind mode		
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		
Power supply	2pcs batteries 3V exchangeable (CR2032)		
Operating time batteries	approx. 3000 hours (operating)		
Sensors	3 sensors variable detection angle with movable sensor slider		
Switching time	light to dark	100 µs (0,100 ms) 70 µs (0,07 ms)	at room temperature at 55°C / 131°F
	dark to light	from 0.05 s to 1.0 s adjustable	
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, suitable for overhead welding		
Mask material	PA6.6		
Mask colour	black		
Operating temperature	-10°C to + 70°C / 14°F to 158°F		
Storage temperature	-20°C to + 80°C / -4°F to 176°F		
Weight	489g/17.2 oz / PAPR: 689g/24.3 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 prohibited for laser welding!		
Scope of delivery	Welding helmet, instruction manual, storage bag, batteries, warranty card and one front cover lense		
Standards	CE, ANSI, EAC, complies with CSA Additional with PAPR version EN 12941 (TH3) and for Supplied air version EN14594 (3B) Meets the pr ISO 16321 standards "WIG +" (" low amp Tig "process)		
Warranty	from date of purchase: 2 years for manufacturing and material defects (battery excluded)		
Warranty extension	1 year additional (battery excluded) for online product registration within the first 6 months (from date of purchase) on optrel.com/register .		

