



reddot award 2014
winner



TECHNICAL DATA

Description	Lightweight, comfortable welding mask with ADF (infinite shade selection 9-12) and grind mode (Shade Level 3). Compatible with standard hard hats.	
Shade levels	Grind mode / inactive: shade level 3 Active: shade levels 9-12	
Power supply	2 pcs batteries 3V exchangeable (CR2032)	
Operating time batteries	1'000h operating time (Standby 10'000h)	
Sensors	Wide detection sensor	
Switching time	Light to dark: 0.16 ms at room temperature 0.11 ms at 55°C / 131°F Dark to light: 0.3 s	
Viewing area	Improved wide viewing area due to nose cut-out.	
Classification EN379	Optical class:	1
	Diffusion of light class:	1
	Variations in luminous transmittance class:	2
	Angle dependence of luminous transmittance class:	2
Classification (textile)		
EN ISO 11611	Class 1	
EN ISO 11612	Class A/B/C1/E3/F1	
Classification	EN175 / AS / NZS 1337.1	weldcap face shield, Class F
	EN 166 / AS / NZS 1337.1	Front cover lens, Class B
	ANSI Z87.1	Impact resistance, Class Z87+
Shape stability	Welding mask: up to 180 °C / 356 °F Front cover lens: up to 135 °C / 275 °F	
Eye protection	Ultraviolet / Infrared Protection: maximum protection at any shade level	
Operating temperature	-10 °C to +60 °C / 14 °F to 140 °F	
Storage temperature	-20°C bis + 80°C / -4°F bis 176°F	
Weight	appr. 400g	
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 / Micro Plasma Arc Welding / Plasmacutting / Grinding. <i>Prohibited for laser welding!</i>	
Standards	CE (EN 379, EN 166, EN 175) ANSI Z87.1, AS/NZS 1337/1338	
Warranty	2 years (except textile and batteries)	