



Technical data

Part No	1000.053		
Part No (US)	K550		
Type description	Welding helmet with automatic shade cartridge with shade selection from 9 – 13 infinite adjustable by an adjustment knob; with off-delay switch dark to light "fast" or "slow"		
Cartridge dimensions	90 x 110 x 7 mm / 3,54 x 4,33 x 0,28" 98 x 38 mm / 3,86 x 1,50" (Viewing area)		
Power supply	solar cells, no battery changes		
Sensors	two above the eyes variable detection angle with movable sensor bar		
Light transmittance	ultraviolet/infrared protection (maximum at any shade setting) visible range activated shade level DIN9 - 13 visible range not activated shade level 4		
Switching time	light to dark	0,0004 s (0,4 ms) 0,0001 s (0,1 ms)	at room temperature at 55°C / 131°F
	dark to light	position "fast" position "slow"	0,1 - 0,35 s > 0,8 s
Classification	Optical class	= 1	
	Scattered light	= 1	
	Homogeneity	= 1	
	Angular dependence	= 3	
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		
Mask material	PA66		
Mask colour	black uncoated		
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	480 g / 15,432 oz		
Application ranges	all electric arc welding processes 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 prohibited for laser welding!		
Scope of delivery	Welding helmet, instruction manual and two front cover lenses		
Standards	CE, DIN, ANSI, AS/NZS, GOST-R, complies with CSA Z94.3		
Warranty	2 years from date of sales for manufacturing and material defects		



Subject to change without prior notice
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Optrel AG, Switzerland