



Technical data

Part No	1004.037		
Type description	Welding helmet with automatic shade cartridge, fix shade DIN 3/10		
Cartridge dimensions	50,8 x 108 x 5,3 mm / 2 x 4 ^{1/4} x 0,21" 92 x 35 mm / 3,62 x 1,38" (Viewing area)		
Power supply	solar cells, no battery changes		
Sensors	one above the eyes		
Light transmittance	ultraviolet/infrared protection	maximum at any shade setting	
	visible range activated	shade level DIN 10	
	visible range not activated	shade level 3	
Switching time	light to dark	0,0008 s (0,8 ms)	at room temperature
		0,0003 s (0,3 ms)	at 55°C / 131°F
	dark to light	0,2 - 0,3 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 untreated		
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	450 g / 15.873 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 <i>prohibited for laser welding!</i>		
Scope of delivery	10 Welding helmets in Bulkpack with instruction manuals		
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		

