









SOLARCAGE POLAR

High Performance

LENS	Material	Polycarbonate	
	Thickness	2 mm	
	Colour	Polarized (brown)	
	Curvature	8 	
	Standards	EN 166 - General standard EN 172 - Solar protection filters for industrial use	
	Marking	5-3,1  1 FT CE	
	Treatments		Anti-scratch treatment
		UV400 protection	
		Polarizing filter	
FRAME	Material	Front	Polycarbonate
		Temples	Polycarbonate + TPR
		Nase pad	TPR
	Marking	 EN 166 FT CE	
	Features		Adjustable nose pad
		Soft nose pad	
FURTHER TECHNICAL FEATURES	Weight	26 g	
	Applications	Outdoor works with a high risk of glare, construction site, road work, driving vehicles, oil-plants, work on highly reflective surfaces (water, ice, snow, sand and street surface).	

POLARIZED LENS
EXCELLENT VISUAL PERFORMANCE



PACKAGING	Code		Quantity	
	E027-B140	Box	10 single-packed glasses	
	E027-K140	Carton	24 boxes (240 single-packed glasses)	

SAFETY TECHNICAL FEATURES

	DESCRIPTION	STANDARDS	MINIMUM REQUIREMENT / RANGE		RESULT REACHED	MARKING
FILTER DESIGNATION	Scale number	EN166:2001 (par. 5)	---		---	5 - 3,1
BASIC REQUIREMENTS	Visible Light Transmission τ_v	EN172:1994 + A1:2000 + A2:2001 (par. 4)	17,8 % ÷ 8,0 %		9 %	---
	Optical class	EN166:2001 (par. 7.1.2.1.2)	1	On-going work	1	1
			2	Intermittent work		
3			Occasional work (not intended for prolonged use)			
PARTICULAR REQUIREMENTS	Protection against high speed particles	EN166:2001 (par. 7.2.2)	F	Low energy impact (45 m/s)	F	F
			B	Medium energy impact (120 m/s)		
			A	High energy impact (190 m/s)		
OPTIONAL REQUIREMENTS	Protection against high speed particles at extreme temperatures	EN166:2001 (par. 7.3.4)	T	Protection against high speed particles at extreme temperatures (-5°C e +55°C)	COMPLIANT	T