

TECHNICAL SPECIFICATION



EVOGuard®C5 MAX Electrical helmet system

EVOGuard®C5 MAX Electrical helmet system / AKE24C-600-100



DESCRIPTION

The EVOGuard® C5 MAX Helmet System combines an EVO®5 Olympus® global industrial safety helmet with the EVOGuard® C5 MAX visor for arc flash protection.

The helmet offers electrical insulation up to 1000Va.c. and features an intuitive wheel ratchet harness with 4-point chinstrap for a secure fit. The clear replaceable visor provides Class 1 arc flash eye and face protection and A-rated impact resistance with an anti-scratch, anti-mist coating.

The EVOGuard® C5 Max should be used as part of an arc flash protective ensemble that also includes suitable arc flash protective clothing and gloves.

OPTIONS

**EVOGuard®C5 MAX Electrical helmet system
(AKE24C-600-100)**

SAFETY STANDARDS

EN 397 • EN 50365 • EN 166 • EN 170 • GS-ET-29



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SPECIFICATIONS

	Peak Mid		Impact Resistance 50 Joules
	Lateral Deformation Yes		Resistance to Molten Metals and Hot Solids (optional) Yes
	EN 50365 ELECTRICAL INSULATION 1000V		Maximum Temperature +50°C
	Minimum Temperature -40°C		ABS Shell Yes
	Recyclable Shell		Textile Harness
	Depth Adjustment 3D Harness		Wheel Ratchet Yes
	Universal Accessories Slot Yes		Ventilation No
	Reflective Option Fitted		Integrated Eyewear Optional
	ID card holder Optional		BSI Kitemark Yes
	Optional 4 point chinstrap (EN397 Compliant) Fitted		JSPCheck Yes
	RADIATION PROTECTION BREAKDOWN filtering effect Scale Number 2C		LIGHT TRANSMISSION BREAKDOWN Lens Shade number 1.2
	Manufacturer's Trademark JSP Dagger		Optical Class (1 – Class 1 – High quality for regular use. 2 – Class 2 – Medium quality for occasional use. 3 – Class 3 – Low quality for exceptional use) 1
	High Energy Impact resists a 6 mm, 0.86g ball @ 190 m/s Maximum protection for face shields A		The letter T, immediately after the mechanical strength symbol, authorises use for high speed particles at extreme temperatures. (-5°C and +55°C) Optional T
	Protection from Liquid Splash 3		Protection Against Short Circuit Electric Arc 8
	Arc Flash Protection Class 1: Up To 4kA, or 155kJ/m ² or 3.7cal/cm ²		Visible Light Transmittance (VLT) 0: ≥ 75%
	Resistance to Molten Metals and Hot Solids (optional) 9		Resistance to Surface Damage by Fine Particles (optional) K
	Resistance to fogging (optional) N		Visor Length 21.5cm
	Material Polycarbonate visor		Product Weight 600g
	Recyclable Yes		Lens Thickness - centre 2.00mm
	Lens Thickness - edge 1.70mm		



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FEATURES



Electric Arc Protection

EVOGuard® C5 MAX meets the requirements of GS-ET-29, providing eye and face protection against a risk of a fault arc: GS-ET-29 Class 1, 4kA (155KJ/m² or 3.7 cal/cm²).



UV Protection

Visor filters harmful UV radiation to protect the eyes whilst also offering high light transmission and enhanced colour recognition.

LOGO

☒ Front

DOWNLOADS

 [Image Pack \(ZIP\)](#)



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