



# EVO<sup>®</sup>VISTAshield<sup>™</sup>

EVO<sup>®</sup>VISTAshield<sup>™</sup> is a next generation feature-rich safety helmet based on the proven Evolution<sup>®</sup> head protection technology. Incorporating a fully retractable optical class 1 integrated faceshield offering **A-RATED IMPACT PROTECTION**. The eyewear is easy to deploy, adjust and maintain ensuring protection is on hand whenever it is required.



# VISIONARY PROTECTION

The EVO®VISTA™ has been developed from the ground up to seamlessly integrate with a wide range of above the neck PPE. The helmet combines a super strong ABS shell designed for superior all day protection with the comfort benefits of the Evolution® 3D-Adjustment™ harness system.



**✓ FULLY ADJUSTABLE**  
The EVO®VISTAshield™ is effortless to retract and deploy. Pivots smoothly allowing the wearer to adjust the faceshield position maximising coverage and protection.



**✓ COMPATIBILITY**  
EVO®VISTAshield™ has been specifically designed to maximise compatibility with JSP respirators such as the Force™8 PressToCheck™ and the Sonis® helmet mounted ear defender range.



**✓ COVERAGE**  
EVO®VISTAshield™ has been designed to maximise facial coverage and is compact so does not compromise wearer movement.



**✓ VISION**  
The optical class 1 visor offers a panoramic view with minimal distortion. Conforms to EN166.1.AT offering impact protection at speeds of up to 425mph (685kph) tested using a 6mm steel ball bearing.



**OPTICAL CLASS 1**  
High optical quality. No optical distortion (suitable for permanent wear).



**K - ANTI-SCRATCH**  
Resistance to surface damage from fine particles.



**N - ANTI-MIST**  
Resistance to fogging.



**A - IMPACT**  
High energy impact:  
6mm, 0.86g ball travelling at 425mph (685kph).



**UV 2G-1.2**  
2: UV filter (EN170) provides protection from harmful UV.  
C: Unimpaired colour perception.  
1.2: High light transmission.





## SAFETY CELL PROTECTION

As part of JSP's ongoing product development philosophy the EVO®VISTA™ has not just been designed to meet a standard but to exceed it on many levels. JSP prioritise the needs and safety of the wearer, and the safety cell is born from that commitment.

The safety cell concept prevents ricocheting debris traveling up the eyewear and impacting the scalp. In addition the face shield cannot make contact with the scalp, preventing injury should it be forced back on to the safety cell.



## PRESCRIPTION PROTECTION

Fully compatible with prescription eyewear, the EVO®VISTAshield™ allows the individual wearer's prescription glasses to be comfortably worn underneath the integrated face shield, reducing cost and ensuring protection and vision are not compromised.



### ✓ VENTILATION

The shell is dual vented to increase comfort and allow a cooling air flow, reducing helmet temperature by an average 2-3 degrees. Ventilation is optional.



### ✓ CR2 REFLECTIVITY

CR2 is a high intensity reflective material offering, on average, 60% more reflectivity than standard reflective clothing. CR2 is optional.



### ✓ ID CARD HOLDER

Clear plastic ID card holder fits standard business card size identification. Simple push and slide mechanism. A lamp bracket is positioned at the top of the unit. ID card holder is optional.



### ✓ COMFORT

Compact and lightweight at only 515g. A fully adjustable wheel ratchet and unique 3D adjustment secures the helmet. A 6-point terylene harness & Egyptian cotton Chamlon™ sweatband offers unrivalled comfort.



#### MM - MOLTEN METAL

During this test molten metal is poured onto the helmet shell. The metal is not allowed to penetrate the helmet shell, any helmet shell deformation must remain under <10mm and the flames must not continue to burn after 5 seconds.



#### LD - LATERAL DEFORMATION

Lateral deformation (LD) is an additional EN397 test, the helmet is placed between two steel plates and exposed increasing lateral compressive forces of up to 430N. The requirement is that the maximum lateral deformation is <40mm and the remaining deformation <15mm.



#### -40°C TESTED

The helmet is pretreated in a cold chamber at -40°C for up to 24 hours. The helmet must then withstand the EN397 tests for impact/ shock absorption and penetration resistance.



#### EN50365 ELECTRICAL INSULATION

For use on low voltage installations. This optional test ensures reliable protection against electric shock up to AC 1000V or DC 1500V.



515g



## EVO®VISTA™ HELMET SPECIFICATION

STANDARD, TESTING & PERFORMANCE								SHELL				HARNESS			OPTIONS			
EN397	EN50365	50 Joules Impact resistance	440V Electrical insulation*	LD - lateral deformation	MM - molten metal	+50°C	-40°C	ABS	Micro-peak	Universal accessories slots	Recyclable	Textile	Depth adjustment	Wheel ratchet	Vented/Unvented	CR2 Reflective option	Logo printing	ID card holder & lamp bracket
✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

\*Unvented Version

## EVO®VISTAshield™ EYEWEAR SPECIFICATION

COATINGS	K	Resistance to surface damage by fine particles	
	N	Anti-mist	
IMPACT	T	For protection at extremes of temperature	
	A	High energy; 6 mm, 0.86 g ball travelling at 425mph (685kph)	
UV+CLARITY	1	Optical quality (1=high, 3=low)	
	2C-1.2	Ultraviolet filter scale number (C = good colour recognition)	
STANDARD	EN170	EN Standard referring to the protection levels and transmittance requirements for ultraviolet filters	✓
	EN166	EN Standard referring to strength	✓



## BESPOKE BRANDING

The EVO®VISTA™ range can be coloured to meet a corporate identity. They can also be printed with a company logo for improved brand recognition and to discourage theft. MOQs apply.



JSP SHIELD BADGE OF ORIGIN  
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