

# WHY? EVO VISTA®



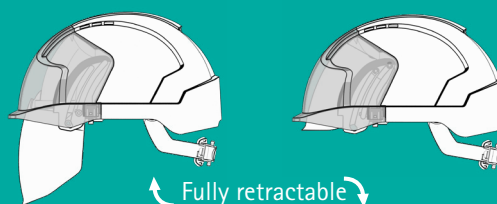
KM 579403  
BS EN 397

# WHAT IS EVO® VISTA®?



## EVO® VISTASHIELD®

Incorporates a fully retractable optical class 1 integrated faceshield offering A-rated impact protection even at extreme temperatures. EN 166.1.AT



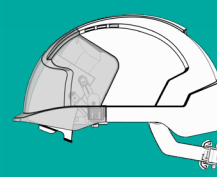
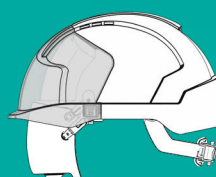
STANDARDS	EN 397	Industrial safety helmet standard	✓
	EN 50365	Electrically insulating helmets for use on low voltage installations up to a voltage of 1000V	
TESTING & PERFORMANCE	Crown impact	Crown impact resistance 50 Joules	
	Crown penetration	Crown penetration resistance 29 Joules	
	LD	Lateral deformation - some protection from lateral compressive loads	
	MM	Molten metal - some protection against molten metal splash	
	440 V a.c non-vented only	Protecting against short term, accidental contact with live electrical conductors up to a voltage of 440 V a.c.	
	+50°C -40°C	Protection when worn in an environment at or between these temperatures	
	Shell	ABS - Acrylonitrile butadiene styrene - fully recyclable	

STANDARD	EN 166	Personal eye protection standard	✓
	EN 170	Ultraviolet (UV) filters transmittance and protection levels standard	✓
UV+CLARITY	2C-1.2	Ultraviolet filter scale number (C = good colour recognition)	
	1	Optical class (1=high, 3=low)	
IMPACT	A	High energy; 6 mm, 0.86 g ball travelling at 425mph (685kph)	
	T	For protection at extremes of temperature	
COATINGS	K	Anti-scratch - resistance to surface damage by fine particles	
	N	Anti-mist - resistance to fogging of oculars	

EVO® VISTA® is a next generation feature-rich safety helmet based on proven Evolution® head protection technology. The EVO® VISTAshield® and EVO® VISTALens® helmets incorporate fully retractable optical class 1 eye protection that is easy to deploy, adjust and maintain.

# EVO® VISTALENS®

Incorporates a fully retractable optical class 1 integrated overspec, offering B-rated impact protection even at extreme temperatures. EN 166.1.BT



Fully retractable

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STANDARD	EN 166	Personal eye protection standard	✓
	EN 170	Ultraviolet (UV) filters transmittance and protection levels standard	✓
UV+CLARITY	2C-1.2	Ultraviolet filter scale number (C = good colour recognition)	
	1	Optical class (1=high, 3=low)	
IMPACT	B	Medium energy impact; 6mm, 0.86g ball travelling at 270mph (430kph)	
	T	For protection at extremes of temperature	
COATINGS	K	Anti-scratch - resistance to surface damage by fine particles	
	N	Anti-mist - resistance to fogging of oculars	



# EYE PROTECTION

EVO® VISTAshield® and EVO® VISTAlens® eye protection is made with optical class 1 material for a panoramic view with minimal distortion. The integrated eyewear offers impact resistance and UV filtering, with anti-mist and anti-scratch coatings.



IMPACT



VISTALENS



EXTREME  
TEMPERATURE IMPACT



UV 2C-1.2



N - ANTI-  
MIST



K - ANTI-  
SCRATCH



OPTICAL  
CLASS 1



**SAFETY CELL**

## HEAD PROTECTION

EVO® VISTA® conforms to EN 397. The safety cell concept prevents ricocheting debris travelling up the eyewear and impacting the scalp. In addition, the eyewear cannot make contact with the scalp, preventing injury should the eyewear be forced back on to the safety cell.



LATERAL  
DEFORMATION



MOLTEN  
METAL



-40°C TESTED



1000V ELECTRICAL  
INSULATION



## SECURE COMFORT

Now available with EVO® VISTA®, the Revolution® Flex wheel ratchet harness eliminates pressure points for extreme comfort and features a Chamlon™ cotton sweatband. Optional ventilation reduces helmet temperatures by 2-3 degrees.



490g



The one-piece moulded strap design features an extra deep nape strap to cradle the head, offering a secure fit at a lower adjustment setting.

A large comfort pad angles to follow the contour of the user's neck.

Available with standard and extended size sweatbands.

Castellated sections around the forehead area allow the strap to stretch and flex as the harness is tightened.

Flexible comfort pad conforms to the back of the user's head without uncomfortable pressure points.

**NEW**

REVOLUTION  
FLEX



## ADJUSTABLE COVERAGE

The EVO® VISTAshield® is designed to maximise facial coverage while remaining compact to allow freedom of movement. The faceshield is fully adjustable, optimising protective coverage and compatibility with prescription spectacles.



## ADJUSTABLE SEAL

The EVO® VISTAlens® overspec is fully adjustable to optimise fit and compatibility with prescription spectacles. The thermoplastic rubber seal moulds to the wearer's face, enhancing comfort and projectile protection.

# OPTIONAL ACCESSORIES



## ID CARD HOLDER

Specially engineered attachment points on the helmet enable secure fitting of an ID card holder. The clear polycarbonate holder uses a simple push and slide mechanism to fit a standard size business card.



# COMPATIBILITY

The EVO® VISTAshield® and EVO® VISTAlens® helmets have been specifically designed to maximise compatibility with other JSP PPE, including the Force®8 half mask with PressToCheck™ filters and the Sonis® helmet mounted ear defender range.





# BESPOKE BRANDING

The EVO® VISTA® range can be customised to meet a corporate identity. Helmets can also be printed with a company logo to improve brand recognition and discourage theft. MOQs apply.

# WHY?

## EVO® VISTA®



VISTASHIELD



### EVO® VISTAshield®

Incorporates a fully retractable, optical class 1 integrated faceshield offering A-RATED extreme impact protection even at extreme temperatures, K rated anti-scratch and N rated anti-mist coatings.

EN 166.1.AT



VISTALENS

### EVO® VISTALens®

Incorporates a fully retractable optical class 1 integrated overspec, offering B-RATED high impact protection even at extreme temperatures, K rated anti-scratch and N rated anti-mist coatings.

EN 166.1.BT



## ENHANCED PROTECTION

All EVO® VISTA® models provide a minimum of EN 166 B-rated high speed eye/face impact protection as standard.



## INCREASED COMPLIANCE

EVO® VISTA® eye protection is built in to the helmet and always available when required.



## PRESCRIPTION EYEWEAR COMPATIBILITY

EVO® VISTA® allows personnel to wear their own prescription eyewear comfortably beneath the lens or shield.



## HEARING PROTECTION COMPATIBILITY

EVO® VISTA® eye protection is mounted to the helmet for improved compatibility with ear defenders.



## RESPIRATOR COMPATIBILITY

EVO® VISTA® is fully compatible with all JSP reusable and disposable half masks for the perfect fit.



## REDUCED FIT TESTING

Selecting EVO® VISTA® can halve the number of fit tests required for wearers of tight-fitting RPE and eye protection.



## SUSTAINABILITY

Use of safety spectacles produces a high volume of waste which can be reduced by using EVO® VISTA®.



## COST SAVINGS

Selecting EVO® VISTA® can reduce costs by 50% over 2 years when compared to using safety spectacles.

# ENHANCED PROTECTION

- Safety spectacles can offer up to EN 166 F-rated low impact resistance, which is adequate for most jobs using hand tools.
- Power tool operations require EN 166 B-rated high impact resistance and often requires switching to a safety goggle.
- EVO® VISTAlens® provides impact resistance suitable for hand and power tool work with a B-rated lens, offering protection without having to change PPE.
- EVO® VISTAshield® provides A-rated impact protection with a lightweight retractable faceshield.
- For increased coverage, EVO® VISTA® is compatible with EVOGuard® MAX visors, offering protection against additional hazards such as liquid splash.



#### **EVO® VISTAshield®**

Incorporates a fully retractable, optical class 1 integrated faceshield offering A-rated extreme impact protection even at extreme temperatures, K rated anti-scratch and N rated anti-mist coatings.

EN 166.1.AT



#### **EVO® VISTAlens®**

Incorporates a fully retractable optical class 1 integrated overspec, offering B-rated high impact protection even at extreme temperatures, K rated anti-scratch and N rated anti-mist coatings.

EN 166.1.BT



#### **EVO® VISTAlens® EVOGUARD® MAX FOR INCREASED COVERAGE**





# INCREASED COMPLIANCE

- For PPE to provide protection it must be worn when required.
- Safety eyewear may be lost or forgotten, putting staff at risk if the task is carried out without proper PPE.
- To make sure safety eyewear is worn it needs to be readily available.
- EVO® VISTA® eye protection is built in to the helmet and is always available when required.

# **PRESCRIPTION EYEWEAR COMPATIBILITY**

- Staff who wear prescription glasses need bespoke RX prescription corrective safety lenses for each type of eye protection they use at work.
- Arranging and receiving bespoke lenses takes time and can be costly at £90 – £180 per set.
- The bespoke lenses can be lost or damaged and cannot be reused after a staff member leaves.
- EVO® VISTA® allows staff to wear their own prescription eyewear comfortably and safely beneath the lens or shield.





Fitted with JSP Sonis® Comms

**FIND OUT MORE HERE**

<https://jspsafety.info/soniscomms>



# HEARING PROTECTION **COMPATIBILITY**

- Hearing protection must be fitted correctly with compatible products to provide the intended level of protection.
- Staff can be at risk of hearing damage if ear defender performance is compromised by other PPE.
- Spectacle side arms can break the ear defender seal, reducing the level of protection offered by the ear defender.
- EVO® VISTA® eye protection is mounted to the helmet, offering integrated safety eyewear that does not interrupt the ear defender seal.

# RESPIRATOR COMPATIBILITY

- Tight-fitting respirators must be correctly fitted and worn with compatible products to provide the intended level of protection.
- Care must be taken to ensure eye protection does not interrupt the respirator face seal.
- The mask should not prevent correct positioning of the eye protection, a good respirator fit is essential and prevents misting of the eyewear.
- EVO® VISTA® is fully compatible with all JSP reusable and disposable half masks for the perfect fit.
- EVO® VISTA® enables zero interference that might compromise respirator face fit.





# REDUCED FIT TESTING

- Staff who wear tight-fitting reusable and disposable half masks in combination with both safety spectacles and goggles require two fit tests either by Quantitative method (e.g. TSI Portacount) or Qualitative method (e.g. taste detection):
  - Once wearing the respirator with safety spectacles
  - Again wearing the same respirator with goggles
- EVO® VISTA® enables the use of one form of eye protection for tasks requiring different levels of impact resistance instead of switching between spectacles and goggles.
- This means respirator fit testing only needs to be conducted once, halving the number of tests required on selection and for regular repeat testing.



Quantitative method (e.g. TSI Portacount)



Qualitative method (e.g. taste detection):

# INCREASED SUSTAINABILITY

- Use of safety spectacles produces a high volume of waste which can be reduced by using EVO® VISTA®.
- A worker in industry uses an average of 5-20 pairs of safety spectacles per year.\*
- EVO® VISTA® eyewear is integrated, retractable, K rated anti-scratch and N rated anti-mist, protecting against loss and damage.
- Over 2 years, a facility with 100 workers using 8 safety spectacles, could be disposing of approximately:
  - 1600 used products,
  - 1600 bags,
  - 1600 instruction leaflets.
- With an average life of 2 years, the waste created from using EVO® VISTA® is:
  - 100 used products,
  - 100 bags,
  - 100 instruction leaflets.

*\* Confidential data collected from end user trials dating during the period 2022 – 23.*



**INCREASE  
LIFESPAN**

**REDUCE  
WASTE**



# COST SAVINGS

- Studies carried out with end users across different industries have shown that it is possible to radically reduce the cost of head and eye protection with JSP EVO® VISTA® integrated eyewear.
- Safety helmets have an average life of two years.
- Retractable eye protection built into the EVO® VISTA® has the same average lifespan due to K rated anti-scratch and N rated anti-mist coatings.
- Built-in eye protection can outlast safety spectacles due to a number of benefits:
  - Retractable eyewear is protected against damage when not in use.
  - Safe storage within the helmet helps to prolong life.
  - Eye protection cannot be lost or forgotten.
- Integrated eyewear lasts longer than using safety spectacles, reducing the lifetime cost of PPE as well as reducing packaging waste.

*Data collected from internal commercial information for the period 2022 – 23.*



JSP DigiHUB



JSP Website



JSP YouTube



JSP-GO™

# EVO<sup>®</sup>VISTA<sup>®</sup>

## VISIONARY PROTECTION

## INTEGRATED PERFORMANCE

**INCREASE  
LIFESPAN**

**REDUCE  
WASTE**



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