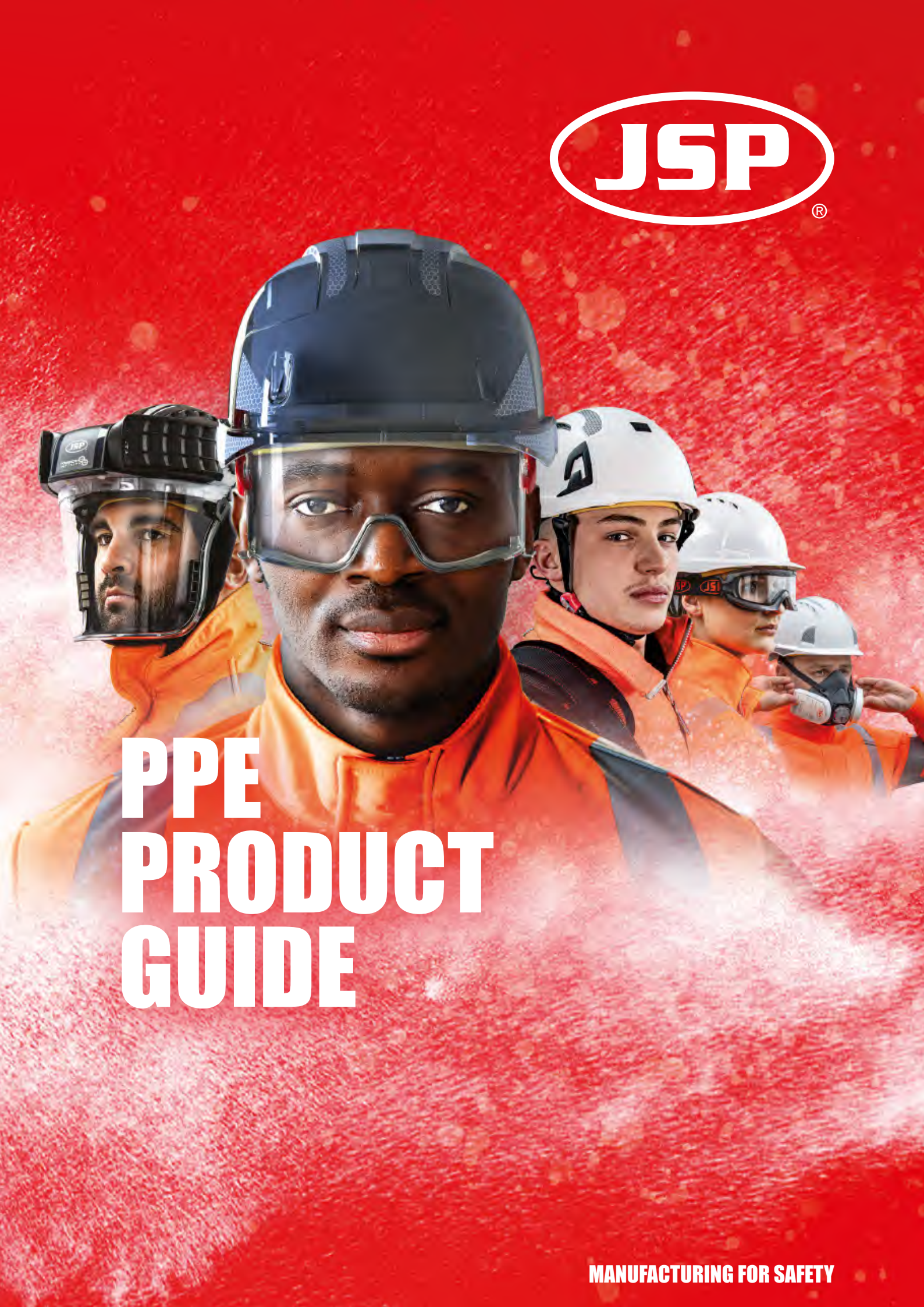
JSP
PPE
PRODUCT
GUIDE
MANUFACTURING FOR SAFETY

TO IMPROVE THE SAFETY, HEALTH & PRODUCTIVITY OF PEOPLE

Dear Partners,

We are very pleased to present JSP's 2025 PPE (Personal Protective Equipment) Product Guide. With new products and more information than before, it provides a comprehensive overview of JSP's ranges.

Operating lean, automated manufacturing at our UK and Germany sites, JSP has never provided faster service to our customers in the UK and throughout Europe. And now with increased capacity we provide customers with the products they want right up to the last minute.

Well worth a deep dive - on each page you will see a QR code - this will take you to the relevant page on www.jspsafety.com where there is a plethora of data, information, video and other content on each product.

More information is also available by signing up on our JSP DigiHub interactive platform at www.jspdigihub.com.

We have been 'Manufacturing For Safety' since 1964 - on page 07 you will see information on JSP's ESG goals and principles. On page 09 JSP's five sustainability pillars are laid out.

JSP is committed to innovation with a high proportion of our revenue spent on research and development by our in-house teams. JSP products help keep end users safe in ever more dynamic and hazardous environments. Our pipeline of proprietary innovation and new products is formidable.

JSP sells exclusively via its distribution network. We support our valued distributor partners to provide end users with the best PPE products, solutions and services on the market. We are able to produce bespoke items to meet end user requirements, including adding logos and adapting products for specific needs. Working together with our distribution partners we know we all collectively achieve more.

I would like to thank all JSP colleagues, partners and friends for their support in presenting such a superb range of products, helping us to achieve our mission - "To improve the safety, health & productivity of people in the workplace, worldwide".

Yours faithfully,

Mark R Johnstone ACA
Chief Executive
JSP Group of Companies

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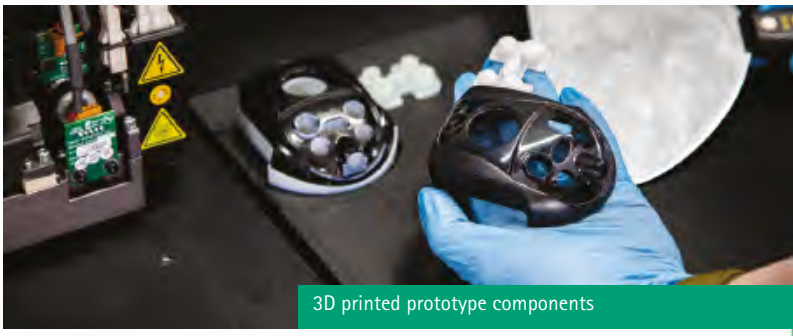
RESEARCH DEVELOP MANUFACTURE

JSP's in-house Research and Development and state-of-the-art production facilities support the design and manufacture of innovative PPE for today's workplace. Advanced prototyping and design technologies accelerate the development of comfortable, compatible and uncompromising protective solutions.

JSP Safety GmbH, manufacturing, warehousing and quality assurance

Respiratory manufacturing facility, Oxford UK

Anechoic chamber testing with Sonis®



3D printed prototype components

Automated helmet manufacture, Oxford UK

EVOLite® helmet production, Düsseldorf

Our lean manufacturing ethos makes JSP highly responsive to customer needs, enabling short runs of bespoke and branded items. Feedback from users and on-site trials directs JSP product innovation, delivering groundbreaking PPE that workers want to wear.

QUALITY ASSURANCE

JSP PPE conforms to and complies with PPE Regulation 2016/425 as well as the relevant British, European and International standards. Consistent testing and inspection ensures that every JSP product meets strict standards of quality. Our PPE is assessed and certified by world-renowned independent test houses. Products are inspected throughout the production process, and batch-release tested to verify high quality and performance levels.

We operate an ISO 9001 quality management system and run BSI-approved test laboratories at all manufacturing sites. The BSI Kitemark™ licenses covering JSP head, respiratory, hearing, and eye & face ranges are testament to our commitment to quality and continuous product testing for every manufacturing batch.

TIL testing at JSP's UK respiratory test facility

Eye protection impact testing in the QA laboratory

Filter cartridge inspection and testing

"The Kitemark™ is the ultimate accreditation of quality – it is evidence that ALL production is ongoing batch tested to the relevant Standard which is then audited and verified by the British Standard Institution.

- A type examination (CE/UKCA) certificate is the minimum requirement for PPE, with monitoring in place for certain product types, but employing voluntary Kitemark™ schemes ensures all products are subject to the same stringent controls."

COMPATIBILITY IS KEY

In accordance with PPE Regulation 2016/425, different items of PPE intended to be worn together must be proven to be compatible.

PPE needs to work in harmony to provide the right level of protection. For example, mounted ear defenders must be tested in combination with specified safety helmets and faceshields – with the combination certified as compatible. Ancillary equipment, such as helmet torches and winter liners, must also be compatible to ensure that the protective function of the PPE is not compromised.

At JSP, we research, design and manufacture 'above the neck' PPE that works together, providing interoperable safety solutions that allow wearers to concentrate on the job!

Testing and certifying PPE combinations enables JSP to provide protection against multiple hazards, assuring comfort, performance and ease of use.

jsp
P3RD

JSP is fully committed to the following ESG goals and principles to support a more sustainable and inclusive world.

Our strong ESG ethos drives us to enhance efficiency, proactively manage risks, and uphold the highest standards of responsible business practices and compliance. By embedding these principles into our operations, we aim to not only meet but exceed expectations, fostering positive impact and resilience in an increasingly sustainable and socially responsible manner.

ESG

ENVIRONMENTAL

- Achieved Zero Waste to Landfill in 2024, across all UK and European manufacturing facilities.
- Greenhouse Gas (GHG) emissions tracking with annual reduction targets certified by Planet Mark.
- Net Zero by 2035.
- Committed to UNGC principles and United Nations Sustainable Development Goals.
- 100% Green electricity consumed by our UK and European operations, including significant investment in Photovoltaic (PV) for our UK safety helmet manufacturing site.
- Energy Saving Opportunity Scheme surveys to support long-term carbon reduction plan.
- Lower carbon mode of transport and onsite electrical charging points.

SOCIAL

- Human rights, equality, diversity and inclusion, employee development and well-being, fair wages, benefits, and safe working conditions.
- Community engagement and volunteering.
- Health & Safety app for manufacturing operatives, 5S Kaizen training.
- Programs and initiatives for promoting social responsibility and ethical practices.
- Philanthropic activities - 10+ years support of the Lighthouse Charity - the Construction Charity – Octobre Rose and CRASH Charity.
- JSP hosts open days for local schools, colleges, and a Build UK Open Door event, and actively supports apprenticeships.

GOVERNANCE

- Transparency and accountability, commitment to ethical trading, corporate policies, cyber security, risk management, internal controls and audits, compliance and regulatory adherence, sustainability and corporate social responsibility.
- ISO9001, ISO45001 and ISO14001.
- SEDEX member, SMETA audits (Sedex Members Ethical Trade Audit).
- EcoVadis Silver - 91st Percentile. Rated in top 3% of manufacturing companies assessed.
- Gold member of the Supply Chain Sustainability School.
- Industry organisations: BSIF, RSSS, Build UK, Synamap, Asepal, Assosistema, ISEA, Febelsafe, and IVPS.

SUSTAINABILITY PILLARS

OUR FIVE KEY PILLARS ARE

PRODUCT DESIGN

- Commitment to design innovative products and solutions to enable users to operate more sustainably.
- In-house Research & Development teams focus on 'Design for Sustainability' with robustness, flexibility & adaptability.
- Reusable products with replacement parts for durability and longevity: extending lifespan to reduce waste and lower cost of ownership.
- Consumer-centric driven designs for worker comfort and compliance with extensive beta trials optimising sustainability, wearability, compatibility, functionality and inclusivity for all genders and nationalities.

MATERIAL

- Local, ethically, and sustainably sourced high-performance materials.
- Responsible sourcing throughout supply chain considering the environmental impact.
- Innovative sustainable materials and technologies to lower carbon footprint of product.
- Use of durable, long-lasting materials designed for product longevity and easy end-of-life recyclability.

Sustainability at JSP encompasses a holistic approach, considering the environmental, social, and economic impacts throughout the product's lifecycle. Each pillar represents a key stage of the product lifecycle, with information under each pillar to showcase our sustainable practices.

By analysing each key process, JSP can target lowering the carbon footprint of a product whilst still providing you with high-quality PPE supporting your commitment to environmental sustainability.

MANUFACTURING

- Energy efficiency using facilities energy management system and energy audits.
- Upgrade to energy efficient equipment using the latest technologies.
- Vertical Integration of manufacturing to reduce component miles, sustainable production practices reducing waste and energy consumption.
- Investing in and harnessing renewable energy.
- Employee training in best practice energy management.

PACKAGING

- Internal packaging audit using reduce, reuse, recycle principles without compromising product quality.
- Focus on sustainable options with increased end of life recyclability and reuse.
- Compliance of packaging materials with relevant environmental and social regulations.
- Industry packaging certifications including FSC and GRS.

PRODUCT LIFE

- Durable high-quality products with replacement parts to prolong product life.
- Encourage responsible product use through education and training on JSP GO™.
- Product design for ease of product disassembly for easy maintenance and end of life recycling.
- Lifecycle analysis (LCA) of products – cradle to grave analysis to evaluate impact of materials, manufacturing processes and disposal of product at end of life.

GUIDES ONLINE

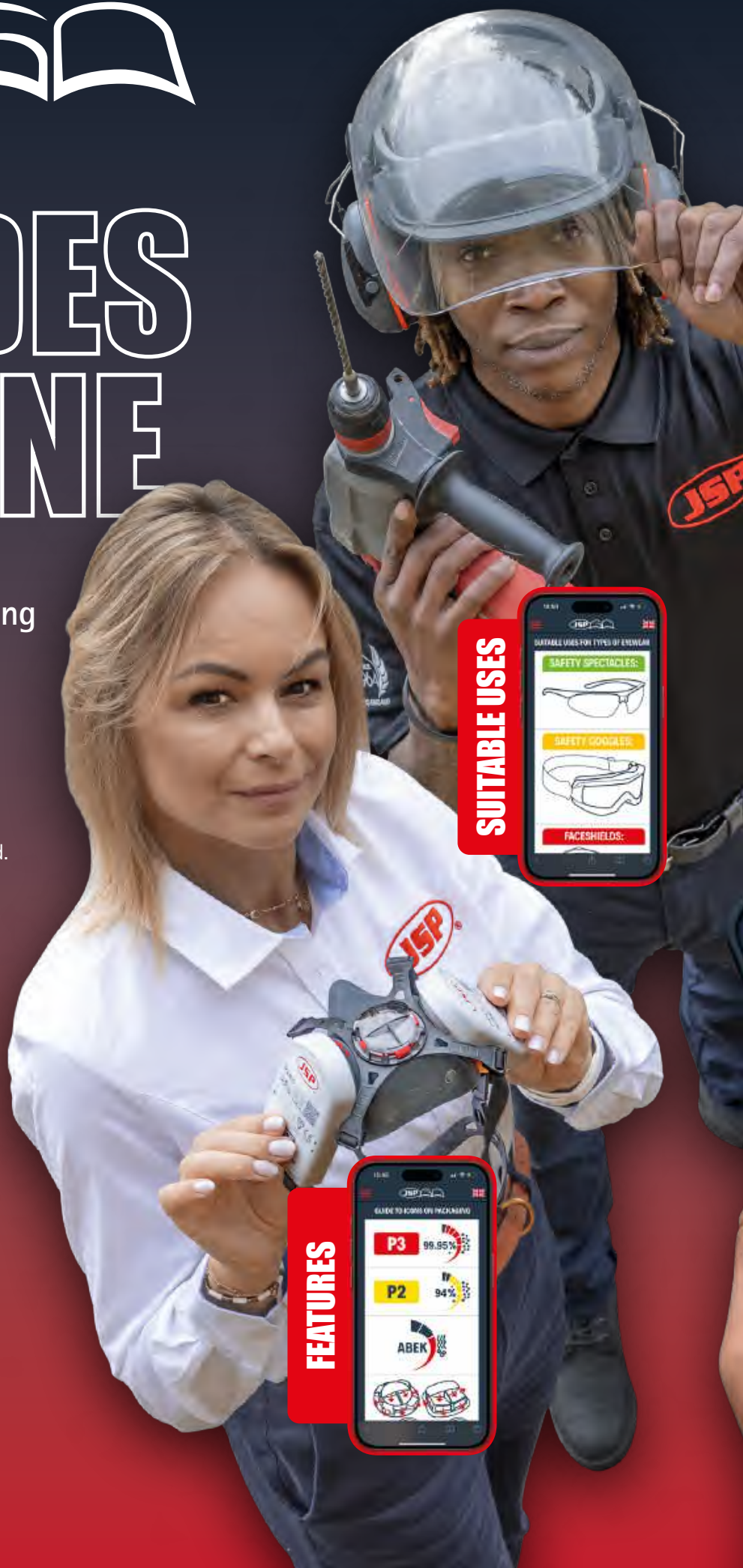
JSP-GO™ is like having our team of experts in your pocket!

We are committed to making information about your PPE easy to access and simple to understand.

JSPGO.com provides 24/7 access to safety critical information, supporting you with guidance on proper selection, use, care and maintenance.

Graphical explanations show suitable applications and important factors to consider when selecting PPE. Features and performance levels are made easy to understand with icons on the product packaging linking to detailed descriptions on the JSP-GO™ website.

Digital user guides and tutorial videos demonstrate how to fit and maintain products correctly.



FITTING
MAINTENANCE
JSP
PACK ICONS AND PRODUCT USES
INSTRUCTIONS AND VIDEOS
jspgo.com
jspgo.com

HEAD PROTECTION

An estimated 69 million cases of Traumatic Brain Injury (TBI) are reported worldwide every year.* To combat risks in the workplace it is important to select high quality PPE. As leaders in head protection, JSP are committed to protecting workforces around the world.

Our safety helmets are designed, manufactured, and tested at our manufacturing headquarters in Oxfordshire, UK, with additional manufacturing and testing facilities in Düsseldorf, Germany, and further regions across the globe. The BSI Kitemark™ scheme for head protection provides assurance of the rigorous production and testing controls in place for each batch of helmets and bump caps. JSPCheck™ offers access to detailed information for traceability, enabling users to pinpoint the exact time and location of production to verify authenticity and performance. With compatible accessories and complete above-the-neck solutions, JSP head protection offers high performing products backed-up by full technical support.

*Dewan et al., Estimating the global incidence of traumatic brain injury. J. Neurosurg. 2018

EVO3 NON-VENTED
www.jetsafe.com
JET
0086
DK
EN 397
CE

UNDERSTANDING JSP SAFETY HELMET MARKINGS

JSP safety helmets are manufactured under both the ISO9001 Quality Management System (QMS) and the British Standard Institution's (BSI) Kitemark™ scheme. They not only comply with but often exceed all relevant international performance standards. See below for a guide to the markings found on your JSP safety helmet.

JSP /	Manufacturers Trademark.	evolite / EVOLite®	Product logo name / identifier.
Design Registered	The design registered mark prevents others from using the design without permission and also indicates that the helmet is genuine.	bsi	Indicates that the product manufacture meets international performance and quality management standards as assessed by the British Safety Institute.
1 2 3 4 5 6 7 8 9 10 11 12	Manufacturing date wheel: year of manufacture indicated in centre, month shown by arrow.		Some components can be recycled. A number inside the triangle refers to the type of material.
CE	Conformity to Regulation (EU) 2016/425.	UK CA	Conformity to Regulation (EU) 2016/425 as amended to apply in GB.

53-64 cm	The size range of the helmet, head circumference.

EN 397: - - - -	The European Standard Number for Industrial Safety Helmets and its year of publication.	A#: - - - -	Amendment to EN 397 and its year of publication.
EN 50365: - - - -	The European Standard Number for electrically insulating helmets for use on low voltage installations and its year of publication.		This helmet is electrically insulated for use working live or close to live parts on installations not exceeding 1000 V a.c. or 1500 V d.c.
440 V a.c.	The helmet will protect the user against short term, accidental contact with live electrical conductors up to a voltage of 440 V a.c.	-20°C / -30°C / -40°C	The helmet will provide some protection when worn in an environment at or above these temperatures.
MM	The helmet will provide some protection against molten metal splash.	LD	The helmet will provide some protection from lateral compressive loads.

ANSI/ISEA Z89.1-2014	The American Standard (ANSI) for Industrial Head Protection and its year of publication.		Harness can be inserted for reverse donning.
TYPE I	The helmet is intended to reduce the force of impact resulting from a blow only to the top of the head.	CLASS C	The helmet is not intended to provide protection against contact with electrical hazards.
LT	The helmet will provide some protection when worn in an environment at or above -30°C.	HT	The helmet will provide some protection when worn in an environment at or below +60°C.

JSPCHECK™

TRUSTED I TESTED I TRACEABLE

KNOW YOUR PPE'S DNA

JSPCheck™ is the first online verification system enabling you to check the DNA of your PPE – giving assured protection and traceability.

The unique JSPCheck™ system allows end users to validate JSP EVO® helmets and Sonis® ear defenders. The individual manufacturing barcode reveals everything about the DNA of that product – the date and time of manufacture to the very second, the materials used, machine settings, and quality testing information. The process is quick and easy:

- **VISIT WWW.JSPCHECK.COM**
- **FOLLOW TWO SIMPLE STEPS**
- **CLICK 'VERIFY'**

Full product traceability information will be delivered to your inbox in under a minute. JSPCheck™ can be accessed using any PC, laptop, tablet or smart phone, from anywhere in the world.

LABEL ON THE OUTSIDE OF THE HELMET:

LABEL ON THE INSIDE OF THE HELMET:

"The JSPCheck™ system makes each JSP hard hat traceable and gives assurance to the end user regarding the quality of the product. Consequently, the company has been able to position itself as a supplier of reliable head protection."

Shray Sharma – Research Associate
Frost & Sullivan

"This is a very reliable way to establish the authenticity of the product, being able to identify attempted replicas of much less performance."

James Bednarz – Health & Safety Officer
Thomas Vale Construction

"Excellent traceability so that in the event of an incident you can get back to the headgear's birthplace."

Peter Hopkins – Principal Consultant
Richard Lawrence Associates

www.jspcheck.com

EN 812 INDUSTRIAL BUMP CAPS

The EN 812 standard requires bump caps to be impact tested four times with a 5kg flat striker falling from a height of 250mm with 12.5J of energy. Four penetration tests are carried out using a 0.5kg conical striker dropped from 500mm. Optional requirements include resistance to flame and electrical properties.

A bump cap is intended to provide protection against bumps and scrapes to the head, it should not be used where falling or thrown objects are likely and should not be used where an industrial safety helmet is required.

QUICK REFERENCE & SELECTION GUIDE

		STANDARDS	BUMP CAP TESTING & PERFORMANCE					SHELL		
			Front /rear impact resistance	Off crown impact resistance	Crown penetration	Operational temperature range	Anti-bacterial Polygiene® StayFresh™ technology	EPP liner	Internal liner material	Recyclable
EN 812	HARDCAP AEROLITE® Page 21	EN 812	12.5 Joules		2.5 Joules	+50°C -40°C	✓	✓	HDPE	✓
EN 812	HARDCAP AEROLITE® 60° Page 21	EN 812	12.5 Joules		2.5 Joules	+50°C -40°C	✓	✓	HDPE	✓
EN 812	HARDCAP™A1+ Page 22	EN 812	12.5 Joules	12.5 Joules	2.5 Joules	+50°C -10°C			HDPE	✓
EN 812	HARDCAP™A1+ WINTER Page 22	EN 812	12.5 Joules	12.5 Joules	2.5 Joules	+50°C -10°C			HDPE	✓
EN 812	HARDCAP™A1+ FLAME RETARDANT Page 22	EN 812	12.5 Joules	12.5 Joules	2.5 Joules	+50°C -10°C			HDPE	✓

	PEAK SIZE			COVER			OPTIONS & GENERAL FEATURES								
	2.5cm Micro peak	5cm Short peak	7cm Long peak	Material	Adjustable elasticated strap and buckle	Reflective area	Air flow technology	ID card holder	Comfort pad	Flame retardant	Chinstrap / harness	Embroidery Logo	Heat Transfer Logos	Machine washable temperature	Weight
	✓	✓		100% woven Polyester	✓	✓	✓	✓	Brushed Nylon		✓ 2-pt	✓	✓	Max 30°C	135g
	✓	✓		100% woven Polyester	✓	✓	✓		Brushed Nylon		✓ 2-pt	✓		Max 60°C	135g
	✓	✓	✓	Cotton / Polyester	✓	✓	✓	✓				✓	✓	Max 40°C	198g
		✓		100% Polyester	✓	✓	✓					✓	✓	Max 30°C	185g
		✓		Cotton / Polyester	✓	✓	✓			✓		✓	✓	Max 40°C	155g

HARDCAP AEROLITE®
THE LIGHTEST FULL SHELL BUMP CAP

Designed by JSP's in-house R&D team, the HardCap Aerolite® weighs less than 135g without compromising on performance. The cap cover features large open weave panels, and reflective details to increase visibility in low light conditions. The comfort pad and sweatband are made with Polygiene® StayFresh™ anti-bacterial technology for improved hygiene and extended product lifespan.

HDPE <135g

HARDCAP AEROLITE®
5CM SHORT PEAK
EN 812

Polygiene®

AAF000-002-100	HardCap Aerolite® - short peak - navy	AAF000-001-100	HardCap Aerolite® - short peak - black

HARDCAP AEROLITE®
2.5cm MICRO PEAK
EN 812

Polygiene®

AAG000-002-100	HardCap Aerolite® - micro peak - navy	AAG000-001-500	HardCap Aerolite® - micro peak - hi vis yellow
AAG000-001-100	HardCap Aerolite® - micro peak - black	AAG000-001-600	HardCap Aerolite® - micro peak - hi vis orange
AAG000-000-100	HardCap Aerolite® - micro peak - white		

HARDCAP AEROLITE®
WITH ID CARD HOLDER

HardCap Aerolite® is available with an integrated badge holder to display identification where security is required. Ideal for businesses, corporations, hospitals, prisons, conventions, trade fairs, and backstage passes used in the entertainment industry.

HDPE <135g

HARDCAP AEROLITE®
2.5cm MICRO PEAK
EN 812

Polygiene®

AAG003-402-100	Hardcap Aerolite® - micro peak - navy

HARDCAP AEROLITE® 60°
INDUSTRIAL WASH BUMP CAP

The HardCap AeroLite® 60° weighs less than 135g and is suitable for industrial washing. The protective liner is easy to remove, allowing the outer cap and comfort pad to be machine washed at 60°C for good hygiene and extended product life.

HDPE <135g

HARDCAP AEROLITE®
2.5CM SHORT PEAK
EN 812

WASHABLE AT 60°C

Polygiene®

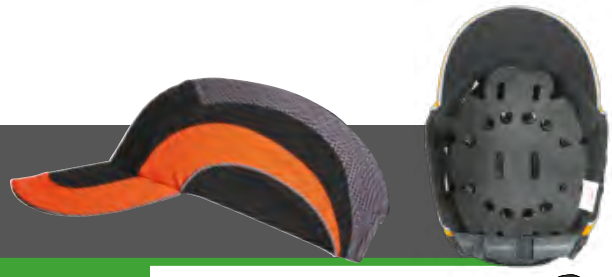
AAG002-102-100	HardCap Aerolite® 60° micro peak - navy	AAG002-100-600	HardCap Aerolite® 60° micro peak - red
AAG002-100-100	HardCap Aerolite® 60° micro peak - white		

HARDCAP™ A1+ INDUSTRIAL BUMP CAP

HardCap™ A1+ is a sleek, low-profile industrial bump cap with a terry towelling sweatband and built-in ventilation. The cap features a removable cover suitable for machine washing and subtle reflective piping offering increased visibility.

HDPE <198g

HARDCAP™ A1+
7CM LONG PEAK
EN 812

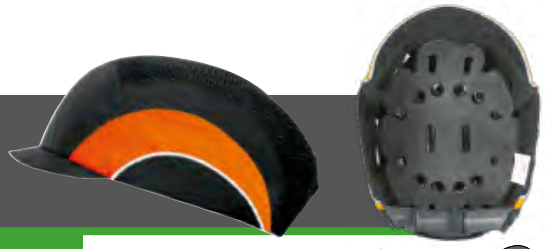


ABR000-000-500	HardCap™ A1+ - long peak - navy		ABR000-00N-500	HardCap™ A1+ - long peak - black / orange

HARDCAP™ A1+
5CM SHORT PEAK
EN 812

ABS000-002-100	HardCap™ A1+ - short peak - navy		ABS000-00L-500	HardCap™ A1+ - short peak - grey / Red
ABS000-001-100	HardCap™ A1+ - short peak - black		ABS000-001-500	HardCap™ A1+ - short peak - hi-vis yellow
ABS000-005-000	HardCap™ A1+ - short peak - black / grey		ABS000-001-600	HardCap™ A1+ - short peak - hi-vis orange
ABS000-00N-500	HardCap™ A1+ - short peak - black / orange			

HARDCAP™ A1+
2.5CM MICRO PEAK
EN 812



ABT000-002-100	HardCap™ A1+ - micro peak - navy		ABT000-00L-500	HardCap™ A1+ - micro peak - grey / red
ABT000-001-100	HardCap™ A1+ - micro peak - black			

HARDCAP™ A1+ WINTER

Made from 100% polyester for extra warmth and comfort, with fold-up ear and neck covers.

HDPE <185g

HARDCAP™ A1+
5CM SHORT PEAK
EN 812

ABW000-001-100	HardCap™ A1+ Winter - black

HARDCAP™ A1+ FLAME RETARDANT

Meets optional flame retardant 'F' requirements of EN 812, with additional testing to ISO 11612 and ISO 14116.

HDPE <165g

HARDCAP™ A1+
5CM SHORT PEAK
EN 812, ISO 11612, ISO 14116

ABP000-002-100	HardCap™ A1+ Flame Retardant - navy

EN 397 INDUSTRIAL SAFETY HELMETS

British and European standards have been setting the performance requirements for industrial safety helmets for over 50 years. EN 397 requires impact testing only to the top of the helmet. A 49J impact to the crown measures shock absorption, tested with a 5kg hemispherical striker dropped from 1m. Penetration testing is conducted with a 3kg conical striker from 1m.There are no side, front, or rear impact requirements only a lateral rigidity test, which is a slow progressive force loading followed by measurement of any deformation. Optional requirements include molten metal and lateral deformation protection, plus 440V electrical insulation.

QUICK REFERENCE & SELECTION GUIDE

		STANDARDS	HELMET TESTING & PERFORMANCE						
			Crown impact resistance	Side impact resistance	Crown penetration	LD - lateral deformation	Electrical protection	MM - molten metal	Operational temperature range
EN 397	EVO® ALTA™ BASEWORKER™ Page 25	EN 397 EN 50365	49 Joules	25.5 Joules	29 Joules	LD	Non-vented 1000V 440V Vented 1000V	MM	+50°C -40°C
EN 397	EVO® VISTAshield® Page 25	EN 397 EN 50365 AS/NZS 1801 EN 166 EN 170	49 Joules		29 Joules	LD	Non-vented 1000V 440V Vented 1000V	MM	+50°C -40°C
EN 397	EVO® VISTAlens® Page 26	EN 397 EN 50365 AS/NZS 1801 EN 166 EN 170	49 Joules		29 Joules	LD	Non-vented 1000V 440V Vented 1000V	MM	+50°C -40°C
EN 397	EVO®6100 Page 28	EN 397 EN 50365 ANSI/ISEA Z89.1 AS/NZS 1801	49 Joules		29 Joules	LD	Non-vented only 1000V 440V	MM	+50°C -40°C
EN 397	EVOLite® Page 27	EN 397 EN 50365	49 Joules		29 Joules	LD	Non-vented only 1000V 440V	MM	+50°C -40°C
EN 397	EVO®3 Page 29	EN 397 EN 50365	49 Joules		29 Joules		Non-vented only 1000V 440V	MM	+50°C -40°C
EN 397	EVO®2 Page 30	EN 397 EN 50365	49 Joules		29 Joules		Non-vented only 1000V 440V	MM	+50°C -30°C
EN 397	MK™7.0 Page 30	EN 397 EN 50365	49 Joules		29 Joules		Non-vented only 1000V 440V	MM	+50°C -40°C

EN 50365 – ELECTRICAL INSULATION

EN 50365 is an additional specification applicable to helmets used for working on live installations. The standard sets out requirements for design and electrical testing. Helmets are classified by performance. Class 0 helmets are suitable for use on installations up to 1000Va.c.

BASEWORKER™ AND LINESMAN CHINSTRAPS:

Chinstraps are optional for EN 397 helmets and must release under a force of 150-250N if caught up creating danger for the user. Chinstrap helmets meeting EN 397 include Baseworker™ and Linesman.

EYEWEAR TESTING & PERFORMANCE						SHELL			HARNESS			OPTIONS & GENERAL FEATURES						
Ultraviolet filter scale number	Impact rating	Operational temperature range	Optical class	Anti-mist Anti-scratch	Visible light transmittance	Helmet material	Internal liner	Recyclable	Textile	Depth adjustment	Wheel ratchet	Ventilated	CR2 reflective	Integrated eyewear	ID card holder	Chinstrap	Lamp bracket & cable loop	Weight
						ABS	EPP		✓	3D	R	Optional	Optional		✓	✓ 4-pt		500g
2C-1.2	A	+55°C -5°C	1	K N	V.L.T 90%	ABS			✓	3D	R	Optional	Optional	As standard	✓	✓ 4-pt or 2-pt	✓	521g
2C-1.2	B	+55°C -5°C	1	K N	V.L.T 90%	ABS			✓	3D	R	Optional	Optional	As standard	✓	✓ 4-pt or 2-pt	✓	490g
						HDPE			✓	3D	R	Optional	Optional	Optional	✓	✓ 4-pt or 2-pt	✓	428g
						ABS			✓	3D	R	Optional	Optional	Optional	✓	✓ 4-pt or 2-pt	✓	328g
						HDPE			✓	3D	R	Optional	Optional	Optional	✓	✓ 4-pt or 2-pt	✓	372g
						HDPE				3D		Optional	Optional	Optional	✓	✓ 4-pt or 2-pt	✓	402g
						HDPE			✓	3D	R	Optional	Optional	Optional	✓	✓ 4-pt or 2-pt	✓	393g

EVO® ALTA™ BASEWORKER™
HIGH PERFORMANCE HEAD PROTECTION

The new EVO® ALTA™ offers all-round impact protection. The mountaineering-style helmet features a specialised shell structure and internal liner to increase durability and shock absorption performance. Precise adjustment settings enable a secure fit, ensuring the helmet remains stable.

EVO® ALTA™ is also available with DualSwitch™ chinstrap (EN 397 & EN 12492) and Skyworker™ chinstrap (EN 12492)

ABS | LD | MM | 1000V | 440V Non-vented only | 500g

EVO® ALTA™ BASEWORKER™
FITTED WITH EN 397 BASEWORKER™ CHINSTRAP
EN 397, EN 50365

ARB170-00_-_00	EVO®ALTA™ Baseworker™ - vented

Replace dashes with colour code: 01 05 11 Extra Visibility: C7 16

ARA170-00_-_00	EVO®ALTA™ Baseworker™ - non-vented

Replace dashes with colour code: 01 05 11 Extra Visibility: C7 16

EVO® ALTA™ BASEWORKER™
FITTED WITH EN 397 BASEWORKER™ CHINSTRAP & ID CARD HOLDER
EN 397, EN 50365

ARB173-40_-_00	EVO®ALTA™ Baseworker™ - vented, ID card holder, lamp bracket

Replace dashes with colour code: 01 05 11 Extra Visibility: C7 16

EVO® VISTAshield®
VISIONARY PROTECTION

EVO® VISTAshield® is a next generation safety helmet incorporating a fully retractable optical class 1 integrated faceshield offering A-rated impact protection. The visor is easy to deploy, adjust and maintain, ensuring protection is on hand whenever it is required.

Also available in DualSwitch™ (EN 397 & EN 12492) and Skyworker™ (EN 12492) versions.

ABS | LD | MM | 1000V | 440V Non-vented only | 521g

EVO® VISTAshield®
EN 397, EN 50365, EN 166, EN 170

AMD170-005-F00	EVO® VISTAshield® white/smoke, vented
AMD170-003-K00	EVO® VISTAshield® yellow/smoke, vented
AMD170-006-P00	EVO® VISTAshield® green/smoke, vented
AMD170-007-F00	EVO® VISTAshield® blue/smoke, vented
AMD170-008-K00	EVO® VISTAshield® red/smoke, vented
AMD170-00M-900	EVO® VISTAshield® orange/smoke, vented
AMD170-006-J00	EVO® VISTAshield® black/smoke, vented

AMC170-005-F00	EVO® VISTAshield® white/smoke, non-vented
AMC170-003-K00	EVO® VISTAshield® yellow/smoke, non-vented
AMC170-006-P00	EVO® VISTAshield® green/smoke, non-vented
AMC170-007-F00	EVO® VISTAshield® blue/smoke, non-vented
AMC170-008-K00	EVO® VISTAshield® red/smoke, non-vented
AMC170-00M-900	EVO® VISTAshield® orange/smoke, non-vented

Also available in DualSwitch™ (EN 397 & EN 12492)

EVO® VISTAshield® LINESMAN
FITTED WITH EN 397 LINESMAN CHINSTRAP, ID CARD HOLDER & LAMP BRACKET
EN 397, EN 50365, EN 166, EN 170

AMD249-M05-F00	EVO® VISTAshield® Linesman white/smoke, vented, Linesman 4-point chinstrap, ID card holder, lamp bracket, CR2
AMD247-T05-F00	EVO® VISTAshield® Linesman white/smoke, vented, Linesman 4-point chinstrap, ID card holder, lamp bracket

EVO® VISTAlens®
VISIONARY PROTECTION

EVO® VISTAlens® is a next generation safety helmet incorporating a fully retractable optical class 1 integrated overspec offering impact and UV protection. The eyewear is easy to deploy, adjust and maintain, ensuring protection is on hand whenever it is required.

Also available in DualSwitch™ (EN 397 & EN 12492) and Skyworker™ (EN 12492) versions.

ABS | LD | MM | 1000V | 440V Non-vented only | 521g

EVO® VISTAlens®
EN 397, EN 50365, EN 166, EN 170

AMB170-005-F00	EVO® VISTAlens® white/smoke, vented
AMB170-007-800	EVO® VISTAlens® yellow/smoke, vented
AMB170-006-P00	EVO® VISTAlens® green/smoke, vented
AMB170-007-F00	EVO® VISTAlens® blue/smoke, vented
AMB170-008-K00	EVO® VISTAlens® red/smoke, vented
AMB170-00M-900	EVO® VISTAlens® orange/smoke, vented
AMB170-006-J00	EVO® VISTAlens® black/smoke, vented

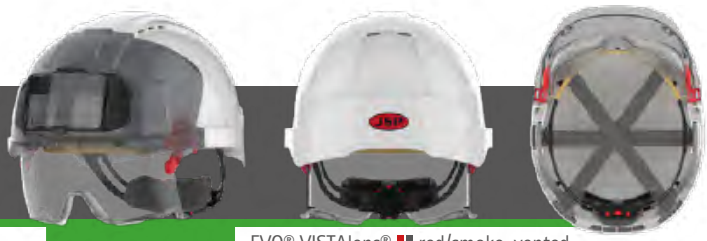
AMA170-005-F00	EVO® VISTAlens® white/smoke, non-vented
AMA170-007-800	EVO® VISTAlens® yellow/smoke, non-vented
AMA170-006-P00	EVO® VISTAlens® green/smoke, non-vented
AMA170-007-F00	EVO® VISTAlens® blue/smoke, non-vented
AMA170-008-K00	EVO® VISTAlens® red/smoke, non-vented

EVO® VISTAlens® LINESMAN
FITTED WITH EN 397 LINESMAN CHINSTRAP,
EN 397, EN 50365, EN 166, EN 170

AMB240-005-F00	EVO® VISTAlens® Linesman white/smoke, vented, 4-point chinstrap
AMB240-007-800	EVO® VISTAlens® yellow/smoke, vented, 4-point chinstrap

AMB240-007-F00	EVO® VISTAlens® blue/smoke, vented, 4-point chinstrap
AMB240-008-K00	EVO® VISTAlens® red/smoke, vented, 4-point chinstrap

EVO® VISTAlens®
WITH ID CARD HOLDER AND LAMP BRACKET
EN 397, EN 166, EN 170



AMB177-T05-F00	EVO® VISTAlens® white/smoke, vented, ID card holder, lamp bracket
AMB177-T07-800	EVO® VISTAlens® yellow/smoke, vented, ID card holder, lamp bracket
AMB177-T07-F00	EVO® VISTAlens® blue/smoke, vented, ID card holder, lamp bracket

AMB177-T08-K00	EVO® VISTAlens® red/smoke, vented, ID card holder, lamp bracket
AMB177-T0M-900	EVO® VISTAlens® orange/smoke, vented, ID card holder, lamp bracket

EVOLite®
JSP'S LIGHTEST SAFETY HELMET

The EVOlite® is designed to be as lightweight as possible whilst providing the high level of protection expected from JSP safety helmets. EVOLite® features a textile cradle with 3D-Adjustment to enable a precise, secure fit. Available with OneTouch™ slip ratchet or the new Revolution® Flex wheel ratchet harness.

ABS | LD | MM | 1000V Non-vented only | 440V | 328g

EVOLite® - REVOLUTION® FLEX WHEEL RATCHET
MID PEAK
EN 397, EN 50365 (non-vented)

AJB170-00_-_00	EVOLite® - mid peak, wheel ratchet, vented	AJA170-00_-_00	EVOLite® - mid peak, wheel ratchet, non-vented
Replace dashes with colour code: 01 02 03 04 05 06 08 11 Extra Visibility: C7		Replace dashes with colour code: 01 02 05	

EVOLite® - REVOLUTION® FLEX WHEEL RATCHET
MID PEAK, CR2
EN 397, EN 50365 (non-vented)

AJB170-40_-_00	EVOLite® - mid peak, wheel ratchet, vented, CR2	AJA170-40_-_00	EVOLite® - mid peak, wheel ratchet, non-vented, CR2
Replace dashes with colour code: 01 02 03 04 05 06 08 11 Extra Visibility: C7		Replace dashes with colour code: 01 02 05	

EVOLite® - REVOLUTION® FLEX WHEEL RATCHET
MICRO PEAK
EN 397, EN 50365 (non-vented)

AJD170-00_-_00	EVOLite® - micro peak, wheel ratchet, vented	AJC170-00_-_00	EVOLite® - micro peak, wheel ratchet, non-vented
Replace dashes with colour code: 01 02 05		Replace dashes with colour code: 01 02 05	

EVOLite®
WITH PRE-FITTED EN 397 LINESMAN CHINSTRAP

The EVOLite® helmet is available with a Linesman chinstrap to provide greater security.

Also available in Skyworker™ version (EN 12492).

EVOLite® - REVOLUTION® FLEX WHEEL RATCHET - LINESMAN
MID PEAK, FITTED WITH EN 397 LINESMAN CHINSTRAP
EN 397, EN 50365 (non-vented)

AJB240-00_-_00	EVOLite® Linesman - mid peak, wheel ratchet, vented	AJA240-00_-_00	EVOLite® Linesman - mid peak, wheel ratchet, non-vented
Replace dashes with colour code: 01 02 03 04 05 06 08 11 Extra Visibility: C7		Replace dashes with colour code: 01 02 05	

EVOLite® - REVOLUTION® FLEX WHEEL RATCHET - LINESMAN

MICRO PEAK, FITTED WITH EN 397 LINESMAN CHINSTRAP

EN 397, EN 50365 (non-vented)

AJD240-00_-_00	EVOLite® Linesman - micro peak, wheel ratchet, vented	AJC240-00_-_00	EVOLite® Linesman - micro peak, wheel ratchet, non-vented

Replace dashes with colour code: 01 02 05

EVOLite®
WITH ONETOUCH™ SLIP RATCHET

EVOLite® - ONETOUCH™ SLIP RATCHET

MID PEAK

EN 397

AJB160-00_-_00	EVOLite® - mid peak, slip ratchet, vented

Replace dashes with colour code: 01 02 03 04 05 06 08 11

EVOLite® - ONETOUCH™ SLIP RATCHET

MID PEAK, CR2

EN 397

AJB160-40_-_00	EVOLite® - mid peak, slip ratchet, vented, CR2

Replace dashes with colour code: 01 02 03 04 05 06 08 11

EVOLite® - ONETOUCH™ SLIP RATCHET

MICRO PEAK

EN 397

AJD160-000-100	EVOLite® - micro peak, slip ratchet, white, vented

EVO®6100
FULL BRIM PROTECTION

EVO® 6100 features a full brim shell fitted with the Evolution®3D-Adjustment harness system and Revolution® wheel ratchet, enabling easy adjustment using one hand in a single swift movement.

HDPE MM 1000V 440V 428g

EVO®6100 - REVOLUTION® FLEX WHEEL RATCHET

FULL BRIM

EN 397, EN 50365, ANSI / ISEA Z89.1

AJP170-000-100	EVO®6100 Full Brim - white

EVO®3
COMFORT & PERFORMANCE

EVO®3 combines a tough HDPE shell and textile harness to provide comfortable all-day protection. The Evolution® 3D-Adjustment system enables a precise fit, available with OneTouch™ slip ratchet or intuitive Revolution® wheel ratchet for easy one-handed operation.

HDPE | MM | 1000V Non-vented only | 440V | 372g

EVO®3 - REVOLUTION® WHEEL RATCHET
MID PEAK
EN 397, EN 50365 (non-vented)

AJF170-00_-_00	EVO®3 - mid peak, wheel ratchet, vented
AJE170-00_-_00	EVO®3 - mid peak, wheel ratchet, non-vented

Replace dashes with colour code: 01 02 03 04 05 06 08 11

EVO®3 - REVOLUTION® WHEEL RATCHET
MICRO PEAK
EN 397

AJH170-00_-_00	EVO®3 - micro peak, wheel ratchet, vented

Replace dashes with colour code: 01 02 05

EVO®3 MINERS - REVOLUTION® WHEEL RATCHET
MID PEAK
EN 397

AJE179-400-100	EVO®3 Miners with Trifix lamp bracket + cable loop, mid peak, wheel ratchet, non-vented, CR2
AJE179-30_-_00	EVO®3 Miners with Trifix lamp bracket + cable loop, mid peak, wheel ratchet, non-vented

Replace dashes with colour code: 01 02 03 06 08

EVO®3
WITH ONETOUCH™ SLIP RATCHET

EVO®3 - ONETOUCH™ SLIP RATCHET
MID PEAK
EN 397, EN 50365 (non-vented)

AJF160-00_-_00	EVO®3 - mid peak, slip ratchet, vented
AJE160-00_-_00	EVO®3 - mid peak, slip ratchet

Replace dashes with colour code: 01 02 03 04 05 06 08 11

EVO®3 MINERS - ONETOUCH™ SLIP RATCHET
MID PEAK
EN 397

AJE169-30_-_00	EVO®3 Miners - mid peak, slip ratchet, non-vented

Replace dashes with colour code: 01 02 03 04 05 06 08 11

EVO®2
ECONOMY & PERFORMANCE

EVO®2 features a traditional 6-point LDPE cradle harness and tough HDPE shell. The helmet offers a precise fit with an Evolution® 3D-Adjustment system and easy-to-use OneTouch™ slip ratchet.

HDPE | MM | 1000V Non-vented only | 440V | 372g

EVO®2 - ONETOUCH™ SLIP RATCHET
MID PEAK
EN 397, EN 50365 (non-vented)

AJF030-00_-_00	EVO®2 - mid peak, slip ratchet, vented

Replace dashes with colour code: 01 02 05 08 11

AJE030-00_-_00	EVO®2 - mid peak, slip ratchet, non-vented

Replace dashes with colour code: 01 02 05

EVO®2 BADGE - ONETOUCH™ SLIP RATCHET
MID PEAK
EN 397

APB030-000-100	EVO®2 Badge - mid peak, slip ratchet, white, vented

MK®7.0
CLASSIC SHELL DESIGN

Mk®7.0 is designed with a classic shell incorporating a rain channel, retaining the style of traditional industrial safety helmets while offering the latest performance features. The textile harness provides a comfortable secure fit with 3D-Adjustment depth settings and intuitive Revolution® wheel ratchet.

HDPE | MM | 1000V | 440V | 393g

MK®7.0 - REVOLUTION® WHEEL RATCHET
LONG PEAK
EN 397, EN 50365

AHM170-000-100	Mk®7.0 - long peak, non-vented

EN 12492 MOUNTAINEERING & WORKING AT HEIGHT SAFETY HELMETS

A helmet complying to the mountaineering standard is impact tested with two 5kg strikers. A hemispherical striker is dropped from 2m onto the crown of the helmet and a flat striker from 0.5m on to the front, rear and side by tilting the headform 60° to the vertical. In all cases, the transmitted force must not exceed 10kN. Two penetration tests are performed using a 3kg pointed striker dropped from a height of 1m within a 50mm radius of the helmet's crown.

QUICK REFERENCE & SELECTION GUIDE

			STANDARDS	HELMET TESTING & PERFORMANCE						
				Crown impact resistance	Side impact resistance	Crown penetration	LD - lateral deformation	Electrical protection	MM - molten metal	Operational temperature range
EN 12492	EVO® ALTA™ SKYWORKER™ Page 31		EN 12492 *EN 397 **EN 50365	98.4 Joules	25.5 Joules	29 Joules	LD*	1000V*	MM*	+50°C -40°C
EN 12492	EVOLite® SKYWORKER™ Page 32		EN 12492 *EN 397 **EN 50365	98.4 Joules	25.5 Joules	29 Joules	LD*	1000V*	MM*	+50°C -40°C

EVO® ALTA™ SKYWORKER™ HIGH PERFORMANCE HEAD PROTECTION

The new EVO® ALTA™ offers all-round impact protection. The mountaineering-style helmet features a specialised shell structure and internal EPP liner to increase durability and shock absorption performance. Precise adjustment settings enable a secure fit, ensuring the helmet remains stable.

EVO® ALTA™ is also available in Baseworker™ (EN 397) and DualSwitch™ (EN 397 & EN 12492) versions.

ABS LD* MM* 1000V** 500g

EVO® ALTA™ SKYWORKER™

FITTED WITH EN 12492 SKYWORKER™ CHINSTRAP

EN 12492, EN 397*, EN 50365**

REVOLUTION FLEX

ARC170-00_-_00	EVO®ALTA™ Skyworker™, Vented

Replace dashes with colour code: 01 04 05 11 Extra Visibility: C7 16

Chinstraps are mandatory for EN 12492 helmets. Testing is carried out to ensure the strap does not break or stretch when a force of 500N is applied. This is designed to keep the helmet secure in case of repeated impacts from swinging or multiple falling objects.

Though the standard refers to 'mountaineering' helmets, EN 12492 helmets are also used for other work at height due to the type of protection offered.

SHELL			HARNESS			OPTIONS & GENERAL FEATURES						
Helmet material	Internal liner	Recyclable	Textile	Depth adjustment	Wheel ratchet	Ventilated	CR2 reflective	Integrated eyewear	ID card holder	Chinstrap	Lamp bracket & cable loop	Weight
ABS	EPP	✓	✓	3D	R	As standard	Optional	-	Optional	4-pt as standard	-	500g
ABS	EPS	✓	✓	3D	R	As standard	Optional	-	Optional	4-pt as standard	-	382g

*Meets shock absorption, penetration, lateral deformation, and molten metal requirements. **Meets electrical requirements.

EVOLite® SKYWORKER™
THE SKY'S THE LIMIT

The EVOLite® Skyworker™ suspension system and shell structure are designed for industrial, mountaineering, rescue and leisure activities, with a lightweight EPS liner, 4-point chinstrap and 3D-Adjustment system.

ABS LD* MM* 1000V** 328g

EVOLite® SKYWORKER™
FITTED WITH EN 12492 SKYWORKER™ CHINSTRAP
EN 12492, EN 397*, EN 50365**

AJS260-00_-_00	EVOLite® Skyworker™, Vented

Replace dashes with colour code: 01 02 05 08 11

EN 397 / EN 12492 DUAL STANDARD SAFETY HELMETS

QUICK REFERENCE & SELECTION GUIDE

EN 12492 SWITCH DOWN

EN 397 SWITCH UP

	STANDARDS	HELMET TESTING & PERFORMANCE						
		Crown impact resistance	Side impact resistance	Crown penetration	LD - lateral deformation	Electrical protection	MM - molten metal	Operational temperature range
EVO® ALTA™ DUALSWITCH™ Page 35	EN 12492 EN 397 EN 50365	98.4 Joules	25.5 Joules	29 Joules	LD	1000V	MM	+50°C -40°C
EVO® VISTAshield® DUALSWITCH™ Page 35	EN 12492 EN 397 EN 50365 AS/NZS 1801 EN 166 EN 170	98.4 Joules	25.5 Joules	29 Joules	LD	1000V	MM	+50°C -40°C
EVO® VISTAlens® DUALSWITCH™ Page 36	EN 12492 EN 397 EN 50365 AS/NZS 1801 EN 166 EN 170	98.4 Joules	25.5 Joules	29 Joules	LD	1000V	MM	+50°C -40°C
EVO®5 DUALSWITCH™ Page 36	EN 12492 EN 397 EN 50365 ANSI/ISEA Z89.1 AS/NZS 1801	98.4 Joules	25.5 Joules	29 Joules	LD	1000V	MM	+50°C -40°C

DUALSWITCH™ EXPLAINED

JSP's DualSwitch™ technology is fully certified to both EN 12492 and EN 397 offering the ability to change between the two standards easily at the flick of a switch. Initially developed for the EVO®5 and later rolled out to EVO® VISTA® & EVO® ALTA™ helmet ranges, the innovative system enables selection of release force without swapping the chinstrap.

EYEWEAR TESTING & PERFORMANCE						SHELL			HARNESS			OPTIONS & GENERAL FEATURES						
Ultraviolet filter scale number	Impact rating	Operational temperature range	Optical class	Anti-mist Anti-scratch	Visible light transmittance	Helmet material	Internal liner	Recyclable	Textile	Depth adjustment	Wheel ratchet	Ventilated	CR2 reflective	Integrated eyewear	ID card holder	Chinstrap	Lamp bracket & cable loop	Weight
						ABS	EPP		✓	3D	R	As standard	Optional		Optional	As standard		500g
2C-1.2	A	+55°C -5°C	1	K N	V.L.T 90%	ABS	EPP		✓	3D	R	As standard	Optional	As standard	Optional	As standard	✓	610g
2C-1.2	B	+55°C -5°C	1	K N	V.L.T 90%	ABS	EPP		✓	3D	R	As standard	Optional	As standard	Optional	As standard	✓	584g
						ABS	EPP		✓	3D	R	As standard	Optional		Optional	As standard		450g

EVO® ALTA™ DUALSWITCH™
TWO STANDARDS ONE SWITCH

The new EVO® ALTA™ offers all-round impact protection. The mountaineering-style helmet features a specialised shell structure and internal liner to increase durability and shock absorption performance. Precise adjustment settings enable a secure fit, ensuring the helmet remains stable.

EVO® ALTA™ is also available in Baseworker™ (EN 397) and Skyworker™ (EN 12492) versions.

ABS LD MM 1000V* 521g

*When switched to EN 397 mode

EVO® ALTA™ DUALSWITCH™
FITTED WITH EN 12492 & EN 397 DUALSWITCH™ CHINSTRAP
EN 12492, EN 397, EN 50365*

ARD170-40_-_00	EVO®ALTA™ Dualswitch™ - vented

Replace dashes with colour code: 01 05 11 Extra Visibility: C7 16

EVO® VISTAshield® DUALSWITCH™
TWO STANDARDS ONE SWITCH

EVO® VISTAshield® DUALSWITCH™ combines the new EVO® VISTA® retractable eyewear helmet technology with the innovative DUALSWITCH™ chinstrap harness system, making it simple to change between working at ground level and working at height safety standards. The faceshield offers A-rated impact protection - tested with 6mm steel ball bearing at speeds of up to 425mph (685kph).

EVO® VISTAshield® is also available in EN 397 and Skyworker™ (EN 12492) versions.

ABS LD MM 1000V* 610g

*When switched to EN 397 mode

EVO® VISTAshield® DUALSWITCH™
FITTED WITH EN 12492 & EN 397 DUALSWITCH™ CHINSTRAP
EN 12492, EN 397, EN 50365*, EN 166, EN 170

AMH270-405-F00	EVO® VISTAshield® white/smoke, vented
AMH270-407-800	EVO® VISTAshield® yellow/smoke, vented
AMH270-406-P00	EVO® VISTAshield® green/smoke, vented
AMH270-408-K00	EVO® VISTAshield® red/smoke, vented
AMH270-40M-900	EVO® VISTAshield® orange/smoke, vented
AMH270-406-J00	EVO® VISTAshield® black/smoke, vented
AMH270-409-H00	EVO® VISTAshield® extra vis yellow/smoke, vented

EVO® VISTAlens® DUALSWITCH™
TWO STANDARDS ONE SWITCH

EVO® VISTAlens® DUALSWITCH™ combines the new EVO® VISTA® retractable eyewear helmet technology with the innovative DUALSWITCH™ chinstrap harness system, making it simple to change between working at ground level and working at height safety standards. The safety lens offers B-rated impact protection - tested with 6mm steel ball bearing at speeds of up to 270mph (435kph).

EVO® VISTAlens® is also available in EN 397 and Skyworker™ (EN 12492) versions.

ABS LD MM 1000V* 584g

*When switched to EN 397 mode

EVO® VISTAlens® DUALSWITCH™
FITTED WITH EN 12492 & EN 397 DUALSWITCH™ CHINSTRAP
EN 12492, EN 397, EN 50365*, EN 166, EN 170

AMF270-405-F00	EVO® VISTAlens® white/smoke, vented
AMF270-406-P00	EVO® VISTAlens® green/smoke, vented
AMF270-407-F00	EVO® VISTAlens® blue/smoke, vented
AMF270-408-K00	EVO® VISTAlens® red/smoke, vented
AMF270-40M-900	EVO® VISTAlens® orange/smoke, vented
AMF270-406-J00	EVO® VISTAlens® black/smoke, vented
AMF270-409-H00	EVO® VISTAlens® extra vis yellow/smoke, vented
AMF270-401-J00	EVO® VISTAlens® extra vis orange/smoke, vented

EVO®5 DUALSWITCH™
TWO STANDARDS ONE SWITCH

The EVO®5 DualSwitch™ is fully certified to both EN 397 and EN 12492, with the ability to change between the two standards easily at the flick of a switch. The helmet combines the strong ABS shell of the EVO®5 Olympus® helmet with the innovative DualSwitch™ system to deliver a helmet that can be used at ground level (EN 397) or at height (EN 12492).

ABS LD MM 1000V* 450g

*When switched to EN 397 mode

EVO®5 DUALSWITCH™
FITTED WITH EN 12492 & EN 397 DUALSWITCH™ CHINSTRAP
EN 12492, EN 397, EN 50365*

AKS270-000-100	EVO®5 DualSwitch™ - white, vented

EN 14052 HIGH PERFORMANCE SAFETY HELMETS

The EN 14052 high performance helmet standard specifies testing for side impact and penetration protection. The shell is subjected to a total of 150J of impact energy, 100J to the top of the helmet and 50J to the side (up to 60° from the crown). Penetration testing is conducted with a 1kg blade striker dropped from 2.5m on top of the helmet, and from 2m on to the side.

Additional optional requirements include molten metal resistance and 440V electrical insulation.

Chinstraps are optional for EN 14052 helmets and must release under a force of 150-250N for safety in case the strap becomes caught on something.

EVO®8
JSP'S STRONGEST INDUSTRIAL SAFETY HELMET

The Mk®8 Evolution® was the first industrial hard hat to achieve the EN 14052 high performance helmet standard – the greatest advance in industrial head protection for over 45 years. Designed for today's highest risk environments, where hazards include intense side-on impacts, the EVO®8 provides protection for heavy construction, demolition, mining, tunnelling, oil & gas, refinery & petrochemical, offshore marine, high-pressure jetting, and certain emergency services.

HDPE | MM | 440V | 588g

Non-vented only

EVO®8 INDUSTRIAL
EN 14052

AHU150-000-100	EVO®8 Industrial, vented
AHS150-000-100	EVO®8 Industrial, non-vented

EVO®8 LINESMAN
FITTED WITH EN 397 LINESMAN CHINSTRAP
EN 14052

AHU240-000-100	EVO®8 Linesman, vented
AHS240-000-100	EVO®8 Linesman, non-vented

EN 397 INDUSTRIAL SAFETY HELMET SYSTEMS

EVOGUARD®M FORESTRY HELMET SYSTEMS

The EVOGuard®M Forestry helmet system and replacement forestry visors offer a host of features designed in-house by the JSP R&D team. Developed over three years, EVOGuard® maximises compatibility for optimum comfort and protection levels with simple, effortless maintenance.

ABS LD MM

EVOGUARD®M2 FORESTRY HELMET SYSTEM

EN 397, EN 166, EN 1731, EN 352-3

AKE24A-400-800	EVOGuard®M2 Forestry Helmet System

EVOGuard®M2

EVOGUARD®M3 FORESTRY HELMET SYSTEM

EN 397, EN 166, EN 1731, EN 352-3

AKE24A-500-800	EVOGuard®M3 Forestry Helmet System
AKE24E-200-800	EVOGuard®M3 Forestry Helmet System with throat cover and neck cape

EVOGuard®M3

EVOGuard®C5 MAX ELECTRICAL HELMET SYSTEM

The EVOGuard® C5 MAX Helmet System combines the EVO®5 Olympus® global industrial safety helmet with the EVOGuard® C5 MAX visor, offering Class 1 arc protection. The panoramic visor provides A-rated impact resistance, UV filtering and K&N anti-scratch, anti-mist properties.

EVOGuard®C5 MAX ELECTRICAL HELMET SYSTEM

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

AKE24C-600-100	EVOGuard®C5 MAX Electrical Helmet System

EN 50365 ELECTRICAL PROTECTION TO 1000V

⚠ Should be worn as part of a complete arc flash ensemble.

JSP LOGO EXPRESS®

CLEAR AND SIMPLE BRANDING

1 SELECT PRODUCT

Choose your helmet / cap model, colour and where you want your logo to be printed. Select front, back, sides or any combination.

2 SUPPLY ARTWORK

Email logo design artwork to logos@jspsafety.com, preferably Adobe Illustrator .ai or .eps files as well as a JPEG file. Other file types are accepted, however these may incur additional set-up charges.

3 APPROVE PROOFS

JSP will provide colour proofs via email. Confirm your order by contacting logos@jspsafety.com, alternatively state any amendments that you require. Minimum order quantities apply*.

For delivery lead-times, Minimum Order Quantities and other supply related terms and conditions, please visit www.jspsafety.com or contact JSP Customer Service.

HELMETS

	evolta	evoVista	evoLite	evo 100	evo 8	evo 5 DUALSWITCH / evo 3 / evo 2
FRONT	80mm x 35mm	100mm x 35mm	80mm x 35mm	80mm x 35mm	75mm x 50mm	80mm x 35mm
BACK	50mm x 30mm	Upper: 35mm x 20mm Lower: 60mm x 35mm	Upper: 35mm x 20mm Lower: 60mm x 35mm			35mm x 20mm
SIDES	60mm x 30mm	40mm x 25mm	60mm x 20mm	60mm x 30mm	80mm x 30mm	60mm x 30mm

Minimum order quantities apply

BUMP CAPS

	EMBROIDERY	
	HardCap aerolite	HardCap A1+
FRONT	40mm x 90mm	40mm x 90mm
BACK	40mm x 82mm	40mm x 40mm

	HEAT TRANSFER	
	HardCap aerolite	HardCap A1+
FRONT	40mm x 90mm	40mm x 90mm
BACK	40mm x 80mm	40mm x 40mm
SIDES	25mm x 25mm	25mm x 25mm

Minimum Order Quantity (MOQ) 60 for heat transfer and embroidery.
Please note: Rear heat transfer / embroidery area varies for HardCap™ A1+ and HardCap Aerolite®.

SONIS® MOUNTED EAR DEFENDERS

Sonis® Mounted ear defenders are fully adjustable and offer certified compatibility with JSP EVO® helmets and EVOGuard® browguards. Designed to fit with a range of visor systems for combined protection, Sonis® provide comfortable, high-performance attenuation.

Certified compatible with:

SONIS® 1 MOUNTED EAR DEFENDERS

EN 352-3, SNR=26

SNR 26

Frequency (Hz)	H = 32	M = 23	L = 15
			SNR=26

AEB010-0CY-800	Sonis®1 Mounted Ear Defenders
AEB800-000-300	Sonis®1 hygiene kit

Certified compatible with:

SONIS® COMPACT MOUNTED EAR DEFENDERS

EN 352-3, SNR=31

SNR 31

Frequency (Hz)	H = 35	M = 28	L = 20
			SNR=31

AEB030-0CY-000	Sonis®C Mounted Ear Defenders
AEB820-000-800	Sonis®C hygiene kit

Certified compatible with:

SONIS® COMPACT FULL BRIM MOUNTED EAR DEFENDERS

EN 352-3, SNR=31

SNR 31

Frequency (Hz)	H = 35	M = 28	L = 20
			SNR=31

AEB030-0DY-000	Sonis®C Full Brim Mounted Ear Defenders
AEB820-000-800	Sonis®C hygiene kit

Certified compatible with:

SONIS® 3 MOUNTED EAR DEFENDERS

EN 352-3, SNR=36

SNR 36

Frequency (Hz)	H = 37	M = 35	L = 26
			SNR=36

AEB040-0C1-A00	Sonis®3 Mounted Ear Defenders
AEB830-000-600	Sonis®3 hygiene kit

		MOUNTED
EN STANDARD		EN 352-3
WEIGHT	Sonis®1	280g +/-5g
	Sonis®C	260g +/-5g
	Sonis®3	380g +/-5g
MATERIALS	Cups/Plate	ABS
	Attachment arm	Steel, acetal & nylon
	Pivot Arm	Acetal, Steel
	Sealing ring	PET-G plate, TPU skin, Foamed Polymer
	Inner foam	Polyurethane foam

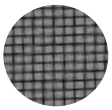
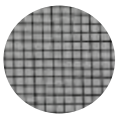
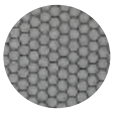
Sonis® mounted ear defenders are tested in combination with JSP helmets and the EVOGuard® browguard, ensuring the correct level of hearing protection with each model, for certified compatibility.

EVOGuard® M FORESTRY VISOR RANGE

Three high performance forestry visors are available, enabling users to select the perfect visor for their task and price point. Visors are fully compatible with EVOGuard® browguard systems and EVO® helmets.

Available for:

VISOR SPECIFICATIONS

		EN 1731	S - Increased Robustness	F - Low Energy Impact (45m/s)	Frame Material	Visible Light Transmittance	Visor Material	Weight (g)
EVOGUARD M1 ADA290-080-000	Visor Length 180mm 7.4"	✓	S		ABS Overmoulded frame	VLT 65%	 Woven Nylon Mesh	65g
EVOGUARD M2 ADA300-080-000	Visor Length 180mm 7.4"	✓	S		ABS Overmoulded frame	VLT 70%	 Woven Stainless Steel Mesh	75g
EVOGUARD M3 ADA310-080-000 ADA310-080-00C EVO® VISTA® Compatible	Visor Length 180mm 7.4"	✓		F	ABS Overmoulded frame	VLT 80%	 Etched Stainless Steel Mesh	86g

EVOGuard® C INDUSTRIAL VISOR RANGE

Five high performance industrial visors are available, enabling users to select the perfect visor for their task and price point. Visors are fully compatible with EVOGuard® browguard systems and EVO® helmets.

Available for:

VISOR SPECIFICATIONS

		EN 170	EN 166								*GS-ET-29			Increased Chemical Resistance	Visor Material	Weight (g)
		2C - 1.2 - UV Filter with Enhanced Colour Recognition	A - High Energy Impact (190m/s)	B - Medium Energy Impact (120m/s)	T - High Speed Particles at Extreme Temperatures	1 - Optical Class	3 - Liquid droplets & splash	9 - Molten Metals	K - Anti Scratch	N - Anti Mist	8 - Short Circuit Electric Arc	1 - Fault Arc Class	0 - Visible Light Transmittance			
EVOGUARD C1 ADA240-060-000	Visor Length 185mm 7.5"	UV	A HM	B BM	T	1	3								Polycarbonate Clear Visor	185g
EVOGUARD C2 ADA250-060-000		UV	A HM	B BM	T	1	3	9	K	N					Polycarbonate Clear Visor	185g
EVOGUARD C3 Max ADA260-070-000 ADA260-070-00C EVO® VISTA® Compatible	Visor Length 215mm 8.5"	UV		B BM & HM	T	1	3							✓	Co-Polyester Clear Visor	232g
EVOGUARD C4 Max ADA270-070-000 ADA270-070-00C EVO® VISTA® Compatible		UV	A HM	B BM	T	1	3	9	K	N					Polycarbonate Clear Visor	216g
EVOGUARD C5 Max ADA280-070-000 ADA280-070-00C EVO® VISTA® Compatible		UV	A HM	B BM	T	1	3	9	K	N	8	1	0		Polycarbonate Clear Visor	216g

HM = Helmet mounted. BM = Browguard mounted *Only applicable when combined with EVO safety helmet, arc flash protection not available with browguard system.

AFP-25 FACESHIELD - ARC FLASH PROTECTION

Designed to provide the ultimate in industrial-grade arc flash eye and face protection, the AFP-25 faceshield meets GS-ET-29 Class 2 with an ATPV rating of 25cal/cm² under ASTM F2178.

Available for:

AFP-25 HELMET MOUNTED FACESHIELD

EN 166, EN 170, GS-ET-29

AFF122-440-408	AFP-25 Helmet Mounted Faceshield

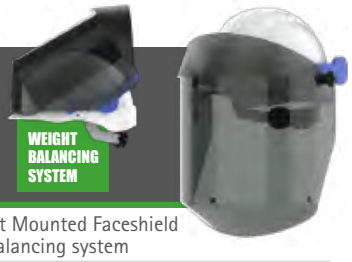
Available for:

AFP-25 HELMET MOUNTED FACESHIELD

With weight balancing system

EN 166, EN 170, GS-ET-29

WEIGHT BALANCING SYSTEM



AFF132-440-408	AFP-25 Helmet Mounted Faceshield with weight balancing system

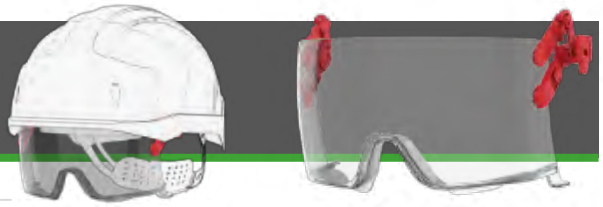
⚠ Should be worn as part of a complete arc flash ensemble.

EVO® VISTAlens® REPLACEMENT CLEAR LENS

Replacement clear anti-scratch, anti-mist (KN) lens for EVO® VISTAlens® helmet.

EVO® VISTAlens® REPLACEMENT CLEAR LENS - B-RATED

EN 166, EN 170



AMV250-000-000	EVO® VISTAlens® replacement clear eyeshield – B-Rated

EVO® VISTAlens® REPLACEMENT INDOOR/OUTDOOR LENS

Replacement Indoor / Outdoor anti-scratch, anti-mist (KN) lens for EVO® VISTAlens® helmet.

EVO® VISTAlens® REPLACEMENT CLEAR INDOOR/OUTDOOR LENS - B-RATED

EN 166, EN 172

AMV150-000-000	EVO® VISTAlens® replacement indoor/outdoor eyeshield – B-Rated

EVO® VISTAshield® REPLACEMENT CLEAR FACESHIELD

Replacement clear anti-scratch, anti-mist (KN) shield for EVO® VISTAshield® helmet.

EVO® VISTAshield® REPLACEMENT CLEAR FACESHIELD - A-RATED

EN 166, EN 170

AMV200-000-000	EVO® VISTAshield® replacement faceshield – A-Rated

EVOSPEC® RETRACTABLE EYESHIELD

Easy assembly polycarbonate retractable eyeshield for JSP helmets* & Browguards.

* Not available for EVOLite® Skyworker™, EVO®Vista® DUALSWITCH™, EVO®5 DUALSWITCH™ & EVO®Alta™

Available for:

EVOSPEC® RETRACTABLE EYESHIELD - F-RATED

EN 166, EN 170, EN 172

ANT010-200-000	EVOSpec® - clear 2C-1.2 1 FT N
ANT120-200-000	EVOSpec® - smoke 5-2.5 1 FT N

HELMET ID CARD HOLDERS

A range of identification card holders that can be retrofitted to compatible helmet types.

EVO® ALTA™ ID CARD HOLDER

AHV550-000-111	EVO® ALTA™ ID card holder

EVO® ALTA™ REPLACEMENT FRONT COVER

AHV550-00_-_00	EVO® ALTA™ front cover

Replace dashes with colour code: 01 03 04 05 06 11 Extra visibility 16 C7

EVO® VISTA® HELMET ID CARD HOLDER

AHV600-000-000	EVO® VISTA® helmet ID card holder - snap on

EVOLITE® HELMET ID CARD HOLDER

AHV800-000-000	EVOLite® helmet ID card holder - snap on

CHINSTRAPS

A range of chinstraps for JSP safety helmets, enabling users to adapt the helmet to suit different tasks. Chinstraps are simple to fit, supplied with detailed fitting information and access to instructional videos.

Wide elastic chinstrap that releases automatically at forces between 150 & 250 Newtons. The deluxe version features a chin-cup.

Available for:

ELASTIC CHINSTRAPS

EN 397, EN 14052

AHV000-500-000	Deluxe chinstrap with chin-cup
AHV001-100-000	Standard elastic chinstrap

4-point chinstrap for EVO® helmets. Releases automatically at forces between 150 & 250 Newtons.

Available for:

EVO® LINESMAN CHINSTRAP

EN 397, EN 50365

AHV200-000-000	EVO® Linesman Chinstrap

LED CAP LAMP

FOR HARDCAP™ A1+

AHV310-000-000	LED Cap Lamp for HardCap™ A1+

CHAMLON™ SWEATBANDS

Made from high quality cotton core with porous PU coating for maximum sweat absorption. Dermatologically tested, pH neutral.

Available for:

AJA840-000-200	Chamlon™ Sweatband for Revolution® Flex, Revolution® & OneTouch™ Harness

Available for:

AJA880-000-200	Revolution® Flex Chamlon™ Replacement Extended Sweatband

BRUSHED NYLON SWEATBAND

Available for:

AJA830-001-100	4mm Brushed Nylon Foam Sweatband Blk for Revolution® Flex & Revolution® Harness

BRUSHED NYLON SWEATBAND

Available for:

AJA840-001-100	4mm Brushed Nylon Foam Sweatband Blk for Revolution® Flex Harness

EVO® COOLING SWEATBAND

The EVO® Cooling Sweatband is powered by HyperKewl™ PLUS evaporative cooling material. This unique fabric absorbs and slowly releases water through evaporation, protecting the wearer against heat stress for up to 10 hours.

Available for:

UP TO 10 HRS

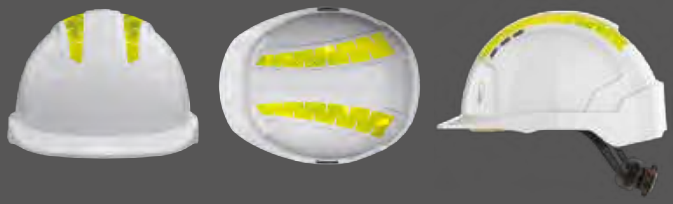
EVO® COOLING SWEATBAND

AJA890-0J0-500	EVO® Cooling Sweatbands

POWERED BY HYPERKEWL™ PLUS

VISIPOINT™ AIR REFLECTIVE

Visipoint™ Air uses Class RA2 high intensity reflective material offering on average, 80% more reflectivity than standard reflective clothing (dependent on observation and light angle). Enhanced material allows wider coverage on the top of the helmet to increase visibility from above.

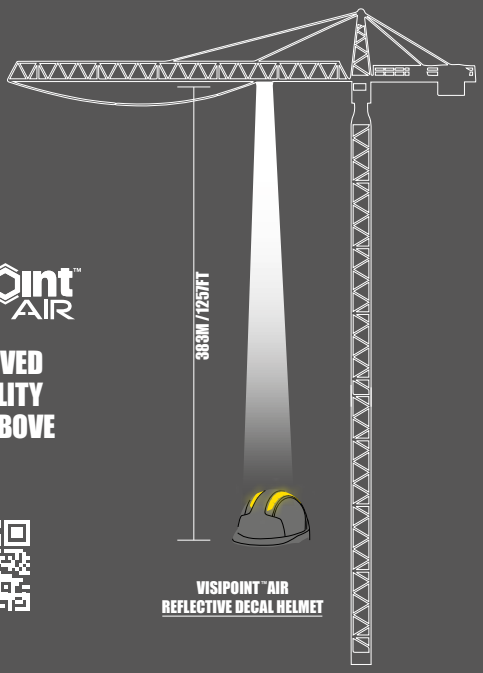


SELF APPLY VISIPOINT™ AIR FOR EVOLite®

AHV394-000-200	EVOLite® Hi-vis yellow Visipoint™ Air decal kit

VISIPOINT™ AIR

IMPROVED VISIBILITY FROM ABOVE



CR2 REFLECTIVE

CR2 uses high intensity reflective material offering, on average, 60% more reflectivity than standard reflective clothing (dependent on observation and light angle). CR2 is available in a wide range of colours allowing for company branding and enabling visual identification of first aiders and fire marshals.

BE SEEN AT A SAFE DISTANCE WITH CR2

EVOLite® VENTED HELMET FITTED WITH SILVER CR2

Helmet: EN 397

AJB170-400-100	EVOLite® CR2- Revolution™ wheel ratchet	
AJB160-400-100	EVOLite® CR2- OneTouch™ slip ratchet	

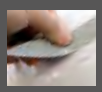
SELF APPLY

SELF APPLY CR2 FOR EVOLite®

AHV390-002-900	EVOLite® silver CR2 decal kit	
AHV390-000-500	EVOLite® blue CR2 decal kit	
AHV390-000-200	EVOLite® yellow CR2 decal kit	
AHV390-000-800	EVOLite® orange CR2 decal kit	
AHV390-000-600	EVOLite® red CR2 decal kit	

SELF APPLY FIRST AID CR2 FOR EVOLite®

AHV440-000-300	EVOLite® First Aid	



SELF APPLY CR2 FOR EVO®5

AHV444-002-900	EVO®5 silver CR2 decal kit	

SELF APPLY CR2 FOR EVO® VISTA®

AHV400-002-900	EVO®VISTA® silver CR2 decal kit	

SELF APPLY CR2 FOR EVO®3 / EVO®2

AHV391-002-900	EVO®3/EVO®2 silver CR2 decal kit	

FIRST AID CR2 FOR EVO®VISTA®

AHV400-000-300	EVO®VISTA® First Aid	

SELF APPLY FIRST AID CR2 FOR EVO®3 / EVO®2

AHV441-000-300	EVO®3/EVO®2 First Aid	

SUREFIT™ THERMAL SAFETY HELMET LINER

The SureFit™ Thermal Helmet Liner is tested to ensure compatibility with all JSP EVO® safety helmets. The liner provides all-day comfort and warmth, helping to prevent the use of incompatible and dangerous alternatives, such as hoodies worn underneath helmets.

Compatible with: **ALL JSP HELMETS**

SUREFIT™ THERMAL SAFETY HELMET LINER

AHV002-301-100	Medium / large, black	AHV002-301-600	Medium / large, hi vis orange
AHV004-401-100	Large / extra large, black	AHV004-401-600	Large / extra large, hi vis orange

HI VISIBILITY UPF50 NECK CAPE

The Hi Visibility Neck Cape provides protection against solar UV radiation to UV50 level, as well as being waterproof, fire retardant and anti-static, providing complete coverage of the neck.

* Not available for EVOLite® Skyworker™, EVO®Vista® DUALSWITCH™, EVO®5 DUALSWITCH™ & EVO®Alta™

Compatible with:

HI VISIBILITY NECK CAPE

EN 13758-1, ISO 14116, EN 1149-5

AHV150-001-600	Hi visibility neck cape

EVO® NECK CAPE ULTIMATE SUN PROTECTOR

The EVO® Neck Cape provides complete neck and ear UPF 50+ protection, offering full compatibility with EVO® safety helmets and Sonis® mounted ear defenders. The neck cape is made with lightweight materials and specially designed to maximise air ventilation.

<30.5g UPF 50+ 40°C

Compatible with:

Grey Grey/Black Camouflage

EVO® NECK CAPE

EN 13758-1, ISO 13688

AHV180-000-400	EVO® Neck Cape, grey	AHV180-007-200	EVO® Neck Cape, grey/black camouflage

The EVO® Neck Cape has been developed to provide maximum coverage. The level of sun protection varies depending on the JSP EVO® safety helmet model.

Grey

Grey/Black Camouflage

USE CLEAN REPEAT

Keeping PPE clean is crucial for hygiene and protection. Unclean equipment can cause irritation for the wearer and may not be able to perform at the intended level. Following the proper cleaning and maintenance procedures maximises usage life, allowing PPE to be reused for longer.

JSP offer a range of non-abrasive, alcohol-free cleaning products, designed to enable easy maintenance and protect your PPE.

LENS & PPE CLEANING STATION

Wall mounted Lens and PPE Cleaning Station including 4 boxes of 280 tissues and 1 bottle of cleaning spray. All items can be replaced and refitted in the cleaning station which helps to keep all necessary equipment contained and in one place.

ASU200-000-200	Complete with 4x boxes of 280 tissues, 1x500ml cleaning fluid, label & mirror

TISSUES

Each box contains 280 tissues that are low lint, soft, non-abrasive and absorbent for easy cleaning. Use with cleaning spray for best results.

ASU200-000-300	Box of 280 multi function cleaning tissues

WIPES

100 alcohol-free PPE cleaning wipe sachets suitable for a range of JSP PPE, including safety spectacles, goggles, faceshields, reusable half and full face masks, and ear defenders.

ASU200-000-100	Box of 100 pre-moistened lens and PPE wipes

CLEANING SPRAY

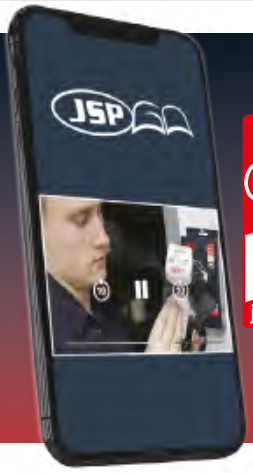
Anti-bacterial, anti-static spray cleaning fluid. Alcohol- and silicone-free.

ASU200-000-400	500ml bottle of lens and PPE cleaning fluid

JSP

GUIDES ONLINE

Digital user guides and tutorial videos demonstrate how to fit and maintain products correctly.



jspgo.com

RESPIRATORY PROTECTION

Every year thousands of workers are affected by breathing airborne dusts and gases that are hazardous to health. As experts in safety, we are committed to helping keep workplaces safe and healthy.

JSP design and manufacture high quality, innovative respiratory protective equipment (RPE) to help combat workplace exposure hazards, leading the industry with the first range of RPE assured by the BSI Kitemark™ scheme. Our respiratory products are developed using the recently upgraded respiratory test facility and batch-release tested in the dedicated quality assurance laboratory, ensuring top performance levels are achieved and maintained. JSP RPE is backed up by full technical support with an expert team of accredited fit testers available across the UK and Europe. Respiratory protection seminars and training courses on offer at our manufacturing headquarters in Oxfordshire provide detailed information on respiratory hazards, RPE, and the importance of face fit testing.

JSP
POWERCAP
INFINITY

POWERCAP® INFINITY®
TH3 POWERED AIR PURIFYING RESPIRATOR

The PowerCap® Infinity® PAPR – a fully integrated TH3 powered air respirator offering four of the highest levels of protection in one intuitive head mounted unit. Giving the wearer complete above the neck 4 in 1 protection. The perfect choice for many industries where dust poses a great danger to health. The unit provides the very latest in Powered Air Purifying Respiratory technology, combining decades of innovation from JSP in the fields of head, respiratory, eye and face and hearing protection.

ABS | LD | MM | 1000V | 440V | 1.04kg

POWERCAP® INFINITY®
EN 12941-TH3PSL, EN 397, EN 166

REVOLUTION FLEX

CEA646-000-100	Powercap® Infinity® complete unit - white
CEA646-000-500	Powercap® Infinity® complete unit - blue
CEA646-001-100	Powercap® Infinity® complete unit - black
CEA646-000-800	Powercap® Infinity® complete unit - orange

4 IN 1 FULLY INTEGRATED PROTECTION

1 HEAD PROTECTION
PowerCap® Infinity® is built around the super strong EVO®5 industrial safety helmet, offering EN 397 protection. The Revolution® Flex wheel ratchet harness provides a pressure-free fit for all day comfort.

EN 397, EN 50365

2 HIGH EFFICIENCY QUICK-CHANGE FILTERS
High capacity HEPA filters and aerodynamically optimised pre-filter covers deliver a minimum of 160 litres per minute of clean air, with real-time diagnostics automatically adapting airflow to match the wearer's breathing rate.

PowerCap® Infinity® provides users with clean air to a level of EN 12941:1998 + A2: 2008 TH3PSL – the highest possible rating, with an NPF of 500 (UK APF 40).

3 PANORAMIC IMPACT VISOR
The optical class 1 visor offers EN 166 B medium energy impact resistance at speeds up to 270mph. A replaceable peel-off visor protector helps to prevent scratches and damage, extending usage life.

EN 166.1.B

4 EAR DEFENDERS*
PowerCap® Infinity® has been developed to integrate seamlessly with the Sonis® mounted ear defender range, providing certified compatible hearing protection that peaks at an unbeaten 36dB SNR.

EN 352-3

*Sonis® mounted ear defenders 'available separately

NO NEED TO FACE FIT TEST
JSP have carried out a number of tests and found, like the HSE, that a tight-fitting mask works very well when the wearer is clean-shaven but performance levels drop quickly when the wearer has facial hair. PowerCap® Infinity® removes the need for fit testing, ensuring that a high volume of clean air is delivered to the breathing zone to provide a high level of protection.

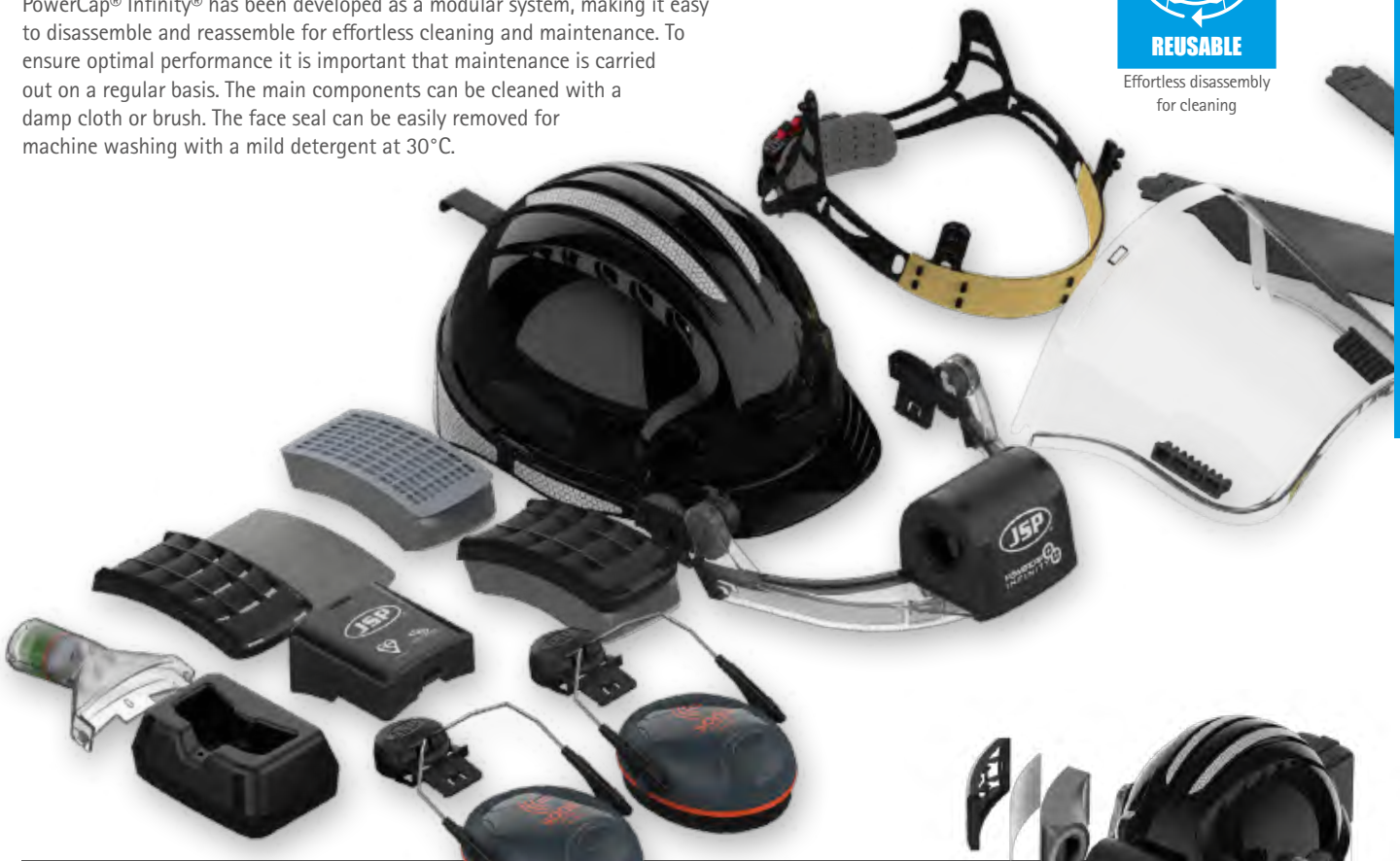
No need to FACE FIT test

POWERCAP® INFINITY® SPARES & MAINTENANCE

PowerCap® Infinity® has been developed as a modular system, making it easy to disassemble and reassemble for effortless cleaning and maintenance. To ensure optimal performance it is important that maintenance is carried out on a regular basis. The main components can be cleaned with a damp cloth or brush. The face seal can be easily removed for machine washing with a mild detergent at 30°C.

REUSABLE

Effortless disassembly for cleaning



POWERCAP® INFINITY® SPARE PARTS

CEU100-006-500	Pre-filters - pack of 5 pairs with 2 covers
CEU150-000-000	Pre-filters - pack of 50 pairs
CEU110-001-300	Replacement visor
CAU180-000-000	Peel off visor protectors - pack of 10
CEU180-000-000	Visor seal
CEU120-001-300	Twin turbo drive unit and visor carrier assembly
CEU130-001-100	Charge dock and power supply
CEU140-001-100	Airflow indicator test unit
CEU190-000-000	Helmet harness strap

CEU220-001-100	Replacement foam seal
CEU170-000-000	PowerBox2™ battery pack
CEU170-001-100	Carry case - PowerCap® Infinity®
CAU660-000-400	TH3P R SL filters - 1 pair
AKG179-P00-100	White EVO®5 helmet for PowerCap® Infinity®
AKG179-P00-500	Blue EVO®5 helmet for PowerCap® Infinity®
AKG179-P01-100	Black EVO®5 helmet for PowerCap® Infinity®
AKG179-P00-800	Orange EVO®5 helmet for PowerCap® Infinity®
AJA840-000-200	Chamlon™ Sweatband for Revolution® Flex Harness

MINIMAL MAINTENANCE

The smart technology embedded in PowerCap® Infinity® identifies when the filters are blocked and need changing. As a general guide, pre-filters should be changed daily and filters weekly. The visor and seal skirt require replacement when damaged or worn. Replacement parts are listed in the table above.

FITTING & CARE VIDEOS
http://bit.ly/Infinity-videos

POWERCAP® ACTIVE™
TH1 POWERED AIR PURIFYING RESPIRATOR

Powercap® Active™ is a lightweight powered air purifying respirator with an EN 812 bump cap. The IP version provides additional eye and face protection. Firm-fitting and ergonomically designed, the Powercap® Active™ is designed to protect the user from dust and other airborne particulate pollutants to EN 12941 TH1PSL.

HDPE 659g

No need to FACE FIT test

POWERCAP® ACTIVE™
Respirator: EN 12941 TH1PSL
Bump cap: EN 812

CAE601-941-100	PowerCap® Active™ 0.375mm thick polycarbonate visor

Carry case contains:
- Headtop
- Filter unit
- Flow test unit
- Battery, charger & plug

IMPACT PROTECTION

No need to FACE FIT test

POWERCAP® ACTIVE™ IP
Respirator: EN 12941 TH1PSL
Bump cap: EN 812 Visor: EN 166.1B

CAE602-941-100	PowerCap® Active™ IP 1mm thick polycarbonate impact visor

Carry case contains:
- Headtop
- Filter unit
- Flow test unit
- Battery, charger & plug

POWERCAP® ACTIVE™ SPARES

CAU030-000-000	Powercap® replacement visor
CAU170-000-000	Tear off polycarbonate visor strips - pack of 10
CAU601-001-100	Powercap® filters black - pack of 2
CAU610-000-010	Powercap® pre-filter pads - pack of 10
CAU070-001-100	Powercap® replacement face seal
CAU340-001-100	Powercap® Active™ battery complete

CAU330-001-100	Powercap® Active™ replacement cap black
CAU360-001-100	Powercap® Active™ replacement motor/fan unit
CAU990-001-300	Powercap® replacement storage bins
CAU080-000-000	Powercap® IP replacement impact visor
CAU150-000-000	Powercap® IP peel off visor covers - pack of 10
CAU071-001-100	Powercap® IP replacement face seal

JETSTREAM®
TH2 POWERED AIR PURIFYING RESPIRATOR

Jetstream® is a belt-mounted rechargeable powered air purifying respirator (PAPR) with large capacity filter. Air is supplied through a highly flexible reinforced hose to the loose-fitting nylon headtop.

No need to FACE FIT test

JETSTREAM® DUST / GAS & VAPOURS / GAS & VAPOURS & DUST
EN 12941-TH2

CBB610-211-100	Jetstream® TH2PSL filter	
CCA630-211-100	Jetstream® TH2A2 filter	
CCA620-211-100	Jetstream® TH2A2PSL filter	

Carry case contains:
- White nylon headtop
- Battery, charger & plug
- Filter unit
- Hose
- Flow test unit

JETSTREAM®
TH2 POWERED AIR PURIFYING RESPIRATOR KITS

Jetstream®

Jetstream® kits contain a belt-mounted rechargeable respirator with your choice of filter and headtop, offering the ideal protection for a range of applications.

JETSTREAM® WELDER KIT

Jetstream®: EN 12941-TH2 Cobra™ Welding head top: EN 175
Auto darkening lens: EN 379 Grinding visor: EN 166

No need to FACE FIT test

CBP010-001-100	Jetstream® TH2PSL Welder kit	
CDP010-901-100	Jetstream® TH2A2PSL Welder kit	

Carry case contains:
- Cobra™ welding/ grinding head top
- Battery, charger & plug
- Filter unit
- Hose
- Flow test unit

JETSTREAM® INDUSTRIAL KIT

Jetstream®: EN 12941-TH2 Grinding visor: EN 166

No need to FACE FIT test

CBP030-001-300	Jetstream® TH2PSL Industrial kit	
CDP030-201-300	Jetstream® TH2A2PSL Industrial kit	

Carry case contains:
- Grinding visor head top
- Battery, charger & plug
- Filter unit
- Hose
- Flow test unit

JETSTREAM® CONSTRUCTOR KIT

Jetstream® EN 12941-TH2 EVO®5 Helmet: EN 397 Visor: EN 166

REVOLUTION FLEX

No need to FACE FIT test

CBP020-000-000	Jetstream® TH2PSL Constructor kit	
CDP020-000-000	Jetstream® TH2A2PSL Constructor kit	

Carry case contains:
- EVO®5 safety helmet, sealed polycarbonate visor
- Battery, charger & plug
- Filter unit
- Hose
- Flow test unit

JETSTREAM® SPARES

CBU610-000-000	Jetstream® dust filter TH2PSL
CBU620-000-000	Jetstream® dust & gas filter TH2A2PSL
CBU630-000-000	Jetstream® gas filter TH2A2
CBJ140-001-300	Jetstream® Industrial visor
CBU1A50-001-100	Jetstream® helmet replacement skirt
CBU170-001-100	Jetstream® faceshield replacement skirt
CEU180-000-000	Jetstream® - visor seal
CEU110-001-300	Jetstream® - replacement visor
CBU210-001-100	Jetstream® 8hr power unit only
CBU211-001-100	Jetstream® gas 8hr power unit only

CBU220-001-100	Jetstream® Dust 8hr waist mounted multi region power unit (TH2PSL)
CBU231-201-100	Jetstream® 8hr waist mounted multi region power unit (A2)
CBU233-201-100	Jetstream® 8hr waist mounted multi region power unit (A2PSL)
CBH030-000-000	Jetstream® nylon hood
CBH050-000-000	Jetstream® clear hood
CBH010-000-000	Jetstream® white EVO®5 helmet
CBU240-000-500	Jetstream® filter cover translucent blue (not A2 or A2PSL filter compatible)
CBJ031-001-100	Airfed Cobra® Welding visor din 9-13
CBJ011-001-100	Airfed Cobra® Welding grinding visor din 9-13
CAU180-000-000	Jetstream® - peel off visor protectors (Pack of 10)

ENSURING A GOOD FIT WITH RESPIRATORY PROTECTIVE EQUIPMENT

Tight-fitting RPE relies on creating a seal between the mask body and the wearer's face to provide protection – a poorly fitted facepiece that leaks around the face seal cannot provide the correct level of protection to the wearer. Tight-fitting RPE products include disposable respirators, reusable half masks and full face masks, plus powered half and full face masks. Fit testing is required for all employees who wear these types of respirators.

3 SIMPLE STEPS FOR AN EFFECTIVE FACE FIT

1 FACE SIZE & SHAPE

2 ENSURE COMPATIBILITY

3 GET FIT TESTED

JSP
P3RD
SORBE
F-4003
PRESS CHECK

STEP 1 FACE SIZE AND SHAPE

Face size and shape are important considerations when selecting RPE. The mask must fit the wearer's facial features to create a seal and provide protection. Respirators are available in a range of sizes to fit different facial dimensions. To ensure a good fit, face shape and size must be considered and, if possible, measured prior to selection.

The five headforms are derived from measured facial dimensions of human test subjects, and are used for designing respiratory protective equipment as well as helping with selection. Respirators are designed to fit specific size designations and are tested on the relevant headform size.

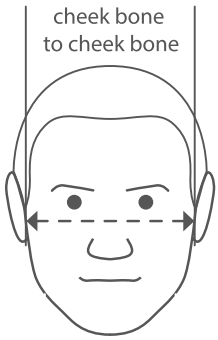
Respirator sizes are based on dimensions given in international standard ISO 16976-2, Anthropometrics. Five headform sizes are described in the standard: Small, Short-Wide, Medium, Long-Narrow, and Large.

SIZE SELECTION GUIDE

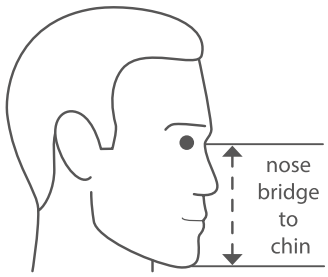
JSP Force® Size Guides are available free of charge to estimate facial dimensions and check whether a Small (S), Medium (M), or Large (L) mask would provide the best fit.

The Force®8 half mask and Force®10 Typhoon™ full face mask are available in Small (S), Medium (M), and Large (L) sizes to provide a great fit for a wide range of users. The Force®8 half mask is available in an additional size, Short-Wide (SW), which provides an alternative fit to Small (S) and Medium (M) masks. The Force®8 SW is designed to fit a different facial profile with a slightly wider nose bridge.

For your **FREE** face size guide contact your local sales office.



	120 - 133mm	133 - 145mm	145 - 160mm
129 - 139mm	L	L	L
119 - 129mm	M	M	L
109 - 119mm	M	M	M
99 - 109mm	S	SW	M



This chart is a guide to selecting a size of mask, it is not definitive, correct face fit test methods should be used to ensure the suitability of the selected size for the individual wearer.

STEP 2 COMPATIBILITY

In some cases, it is necessary to wear other PPE in combination with a tight-fitting respirator. Equipment selected must be compatible with the respirator to ensure that protection is maintained. The sealing area around the mask must not be interrupted, and other equipment must not push or move the mask out of place while the wearer is working.

During fit testing (see page 61) all other PPE must be worn to check that the wearer can achieve a good respirator fit while wearing the other items.

FACESHIELDS

Helmet and browguard mounted faceshields must be designed to be used in combination with the respirator, so that the mask body and filters fit behind the visor and allow freedom of movement.

SAFETY EYEWEAR & PRESCRIPTION SPECTACLES

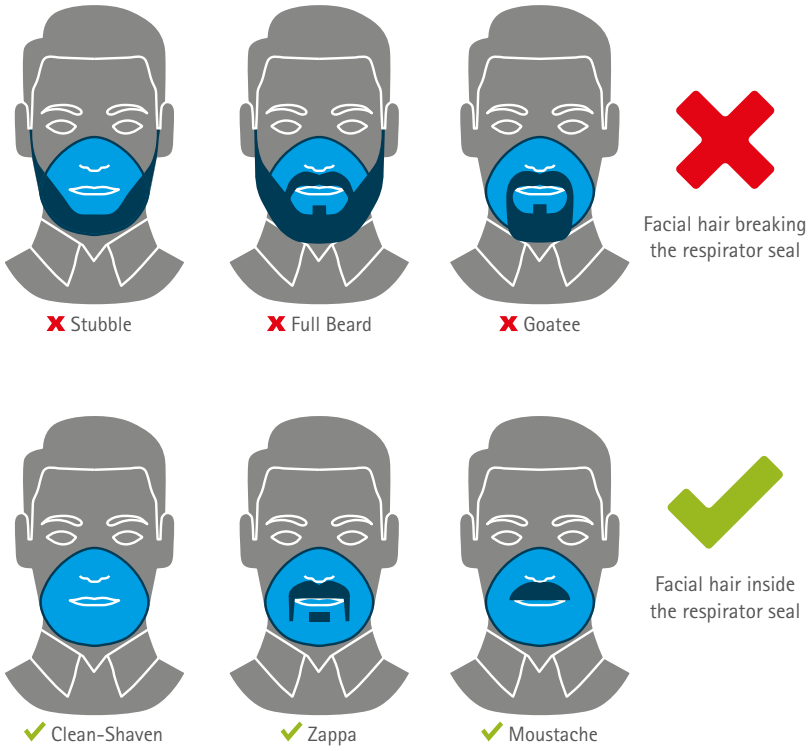
Eyewear fits close to the nose bridge and must not compromise the mask seal in this area. Compatible goggles and safety spectacles fit correctly with the mask to ensure proper protection. RX inserts are available for those required to wear a full face mask with prescription lenses.

JSP complete above-the-neck solutions are designed and tested to work together for optimum performance and the highest levels of protection.

WHICH FACTORS AFFECT FIT?

In order to provide a good fit, the face seal area of a respirator must not be interrupted so that it can seal effectively with the wearer's face. Some factors affecting the fit of tight-fitting respirators include:

- Facial hair – wearers of tight-fitting RPE must be clean-shaven in areas that are in contact with respirator seal.
- Eyewear & other PPE – prescription spectacles and other PPE can affect respirator fit, and any eyewear or protective items worn at work should also be worn during a fit test to ensure compatibility.
- Jewellery & make up - must be removed if in contact with respirator seal.



Suitability of some facial hair styles for disposable and reusable half mask wearers.

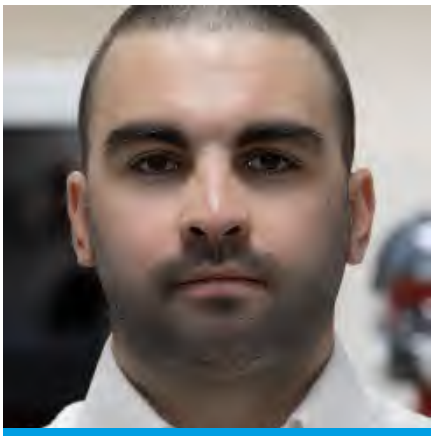
HOW DOES FACIAL HAIR AFFECT RESPIRATOR FIT?

Facial hair can interrupt the seal area of the respirator, meaning a fit cannot be achieved. Quantitative fit checks with the Force®8 half mask demonstrated that both a full beard and stubble did not allow the respirator to seal with the face, whereas the same test performed clean-shaven delivered an extremely high fit factor and showed the mask sealed effectively.

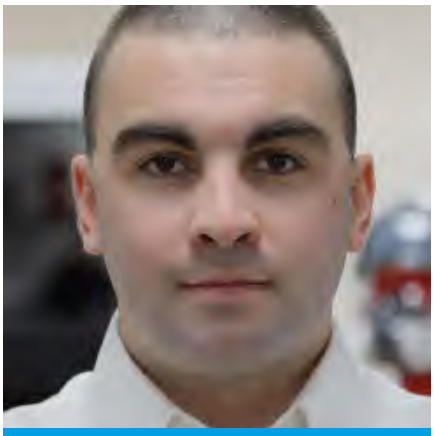
WATCH THE FULL TEST HERE

or view the video at:
http://jspsafety.info/FaceFitBeard

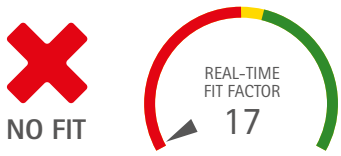
Full beard

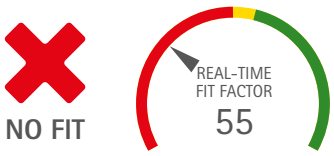


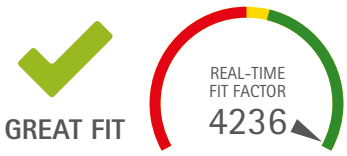
Stubble



Clean-shaven







Fit factor reported by TSI Portacount™ quantitative fit testing device.

STEP 3 FIT TESTING

Fit testing should be carried out on initial selection or, at least, before an individual uses a tight-fitting respirator in a hazardous environment. Tight-fitting RPE refers to disposable respirators, half masks and full face masks, including EN 12942 TM-rated powered masks. Fit testing should be repeated at regular intervals, determined through company policy and risk assessment, and when there is a change such as:

- The wearer gains or loses a significant amount of weight
- The wearer undergoes major dental work, facial surgery, or sustains a facial injury
- There is a change in respirator type or size

TWO TYPES OF FIT TESTING

Qualitative:

- Method whereby a respirator worn by a test subject is challenged using a substance to be detected by taste or smell
- Applicable to disposable dust masks and half masks

Quantitative:

- Methods using ambient particle counting (APC) or controlled negative pressure (CNP)
- APC method applicable to disposable, half, and full face masks
- CNP method applicable to half and full face masks

All methods require the test subject to carry out exercises to simulate movements made during work tasks.

FURTHER INFORMATION

For more information on fit testing see HSE fit testing information document INDG 479 and accompanying BSIF Fit2Fit Companion documents, available for free download on HSE and BSIF websites:

HSE

https://www.hse.gov.uk/pubns/indg479.pdf

fit2fit ACCREDITED RPE Fit Test Provider

SCAN FOR BSIF QUALITATIVE GUIDANCE DOCUMENT
https://www.fit2fit.org/wp-content/uploads/2019/04/Guidance-document-Qualitative.pdf

SCAN FOR BSIF APC GUIDANCE DOCUMENT
https://www.fit2fit.org/wp-content/uploads/2019/04/Guidance-document-Quantitative-APC.pdf

SCAN FOR BSIF CNP GUIDANCE DOCUMENT
https://www.fit2fit.org/wp-content/uploads/2019/04/Guidance-document-Controlled-Negative-Pressure.pdf

FACE FIT SUPPORT

JSP can help with respirator face fitting and fit testing in a number of ways. From testing to training, we provide a host of solutions to ensure JSP RPE wearers are able to achieve a good fit and get fit tested safely.

FIT TESTING

JSP offer 'Train the Tester' fit test training sessions across the UK and Europe. Our Fit2Fit accredited personnel are also available to conduct fit testing at customer sites. Contact your local JSP representative to discuss fit testing options..

There are also a number of independent fit testing companies who can conduct testing. Fit2Fit accredited testers are listed here: https://www.fit2fit.org/find-a-tester/

FIT TESTING KITS

Kits and equipment for fit testing are available. The JSP Fit Test Starter Kit is ideal for new fit testing businesses, or those beginning to use JSP RPE. The JSP Qualitative Test Kit provides everything needed to conduct a qualitative fit test.

Adaptors for quantitative fit testing JSP Force® masks are also available. Find out more about JSP fit testing kits and accessories on pages 65 - 66.

TRAINING

JSP also offer fit testing training courses. The JSP Test Kit Course is an introduction to the JSP Qualitative Test Kit and how to use it. The new Fit2Fit Accredited Course prepares candidates for full Fit2Fit accreditation in qualitative fit testing.

For more information on JSP fit testing training courses see page 63.

FACE FIT CHECK TECHNOLOGY

Each time tight-fitting RPE is worn the wearer must perform a 'fit check', before entering the hazard area, in addition to fit testing on selection. This ensures that the respirator has been adjusted correctly to create a tight seal.

PressToCheck™ filters provide an easy way to check the seal of Force®8 and Force®10 Typhoon™ respirators with daily face fit check technology. Find out more on page 69

FACE FIT TRAINING COURSES

In addition to providing on-site face fit testing, JSP also offer fit test training courses. Our established half-day training course offers a useful first step toward achieving competency in the use of our qualitative test kit. A new training course has also been developed to prepare candidates for full Fit2Fit accreditation in qualitative fit testing.

JSP Innovation Hub, Oxford, UK

JSP TEST KIT COURSE

This 2-3-hour course provides a basic foundation of knowledge necessary to understand and use the JSP Qualitative Test Kit. Attendees will learn key principles and techniques, enabling effective ongoing practice to become competent fit testers. Individuals attending this course should have basic level knowledge in using RPE.

Attendees are required to obtain a JSP qualitative test kit, JSP respirator, and a subject to practice on, prior to the course. With these requirements, this course is best suited to a pair of fit testers or two employees. This course is available to anybody with purchase of JSP qualitative test kit and JSP respirator.

Course topics:

- Importance of fit testing
- Overview of legislation, guidance, and best practice
- Selecting 'adequate' and 'suitable' respirators
- Overview of pre-use inspection and checks
- Fitting, and performing a fit check
- How to perform a qualitative taste test method fit test
- Handling results – pass or fail
- Diagnosing issues causing failure
- Reporting
- Documentation

Attendees will receive a JSP certificate confirming completion of the course.

JSP Test Kit course	
Duration:	Half day
Entry Requirements:	Minimum age 18. Must be fluent in English language
Equipment Requirements:	Attendees must obtain test kit, respirator, and test subject prior to training
Instructor Ratio:	1:6
Assessment:	Practical & multiple choice test
Certification:	JSP Certificate confirming completion
Validity Period:	N/A

FIT2FIT ACCREDITED TRAINING COURSE

JSP's BSIF Fit2Fit Accredited training course has been developed to take those unfamiliar with fit testing to full Fit2Fit Accredited Fit Tester status. BSIF's RPE Fit Tester accreditation scheme is not compulsory, and employers are free to take other action to comply with the requirements, but achieving this accreditation is an established route to understanding and demonstrating good practice.

The course includes two days of face-to-face instruction, with guided self-learning to be completed between, ultimately delivering competency in practical 'Qualitative Fit Testing (QLFT) Methods'. Training is delivered by Fit2Fit Accredited fit testers with a proven track record of training individuals that have successfully fulfilled Fit2Fit requirements for accredited status in both the Qualitative and Quantitative (Ambient Particle Counting) methods of fit testing.

Assessment involves written and practical exams, which can be arranged by JSP for those wishing to complete Fit2Fit accreditation as a group at our Oxfordshire headquarters, at additional cost to the candidate(s). Alternatively, candidates can liaise directly with BSIF to arrange accreditation.

This course will provide instruction and guidance on using respirators of all types that are widely available in UK workplaces from a range of different manufacturers, including modules on legal requirements, record keeping, the use, operation, and maintenance of respirators and fit test equipment.

Course competencies:

- Understand the terms 'Assigned Protection Factor' (APF), 'Nominal Protection Factor' (NPF), and 'fit factor'
- Selection of adequate and suitable RPE
- Inspect and identify poorly maintained RPE
- The ability to correctly fit a mask and understand the importance of a pre-use seal check / fit check
- Knowledge of legislation and guidance that deals with fit testing
- Awareness of external factors that could affect the fit test
- The purpose and applicability of fit testing
- The difference between qualitative and quantitative fit testing and when to use
- The purpose of fit test exercises
- Understand capabilities and limitations of fit test methods
- Preparation of facepieces for fit testing
- How to carry out diagnostic tests on the facepiece and fit test equipment
- How to correctly perform a fit test with the chosen method
- Awareness and knowledge of how to prevent and correct problems during fit testing
- Interpretation of results
- Record keeping requirements

Teaching methods include PowerPoint presentations, written assessments, instructor & student practical demonstrations, with a syllabus that raises real workplace scenarios.

BSIF Fit2Fit Accredited course	
Duration:	2 separate days over 3-week period.
Entry Requirements:	Minimum age 18. Must be fluent in English language.
Equipment Requirements:	Attendees must obtain test kit; a selection of test respirators will be provided.
Instructor Ratio:	1:10
Assessment:	Practical and written
Certification:	BSIF Fit2Fit Accreditation (With additional assessment)
Validity Period:	BSIF Fit2Fit Accreditation valid for 3 years

fit2fit ACCREDITED RPE Fit Test Provider

FACE FIT TESTING

fit2fit ACCREDITED RPE Fit Test Provider

Respirators often fail to do the job they are intended to do due to poor fitting and incompatibility issues. As well as ensuring staff are properly protected, face fit testing is also an effective method of training and demonstrating the correct way to fit a mask. The Qualitative Face Fit Testing Kit is suitable for disposable dust masks and half masks only. A quantitative fit testing adaptor is available for the Force®10 Typhoon™ full face mask, which is also suitable for use with the Force®8 half mask.

SCAN TO SEE THE VIDEO
or view the video at:
http://bit.ly/Fit2Face

QUALITATIVE FACE FIT TESTING KIT

Replacement fit test solution available

Kit includes:
- 1 Hood
- 1 Collar
- 2 Nebulisers (1 sensitivity, 1 fit test)
- 2 Bottles of solution (1 sensitivity, 1 fit test)
- 1 Instruction manual
- 10 Test report forms

BPT050-000-000 Box Qty 1

FORCE® PORTACOUNT / ACCUFIT QUANTITATIVE FIT TEST ADAPTOR

The Force® Portacount / AccuFIT Quantitative Fit Test adaptor enables connection of Force® respirators to TSI Portacount & AccuFIT quantitative fit testing equipment.

SCAN FOR FITTING GUIDE
or view the video at:
https://jspsafety.info/Quantitative-Videos

BPT092-000-000 Box Qty 1

JSP FACE FIT STARTER KIT

The NEW Face Fit Starter Kit from JSP contains everything necessary to conduct face fit testing or training using JSP disposable and reusable RPE.

The kit includes particulate filters, with equipment and adaptors to support both qualitative and quantitative testing methods. Products can also be selected separately, if only one filter type or testing method is required.

We are offering up to 50% special trade savings please contact sales for details: +44 (0) 1993 82050

REUSABLE RESPIRATORS / ACCESSORIES

BHG003-1L5-000	Force® 8 Half Mask (F8-810) no filters - small	
BHT003-0L5-000	Force® 8 Half Mask (F8-820) no filters - medium	
BHG003-2L5-000	Force® 8 Half Mask (F8-830) no filters - large	
BHG002-0L5-000	Force® 8 Half Mask (F8-840) no filters - short/wide	
BPB003-104-000-UK	Force®10 Typhoon™ Full Face Mask (F10-1010) - small	
BPB003-004-000-UK	Force®10 Typhoon™ Full Face Mask (F10-1020) - medium	
BPB003-204-000-UK	Force®10 Typhoon™ Full Face Mask (F10-1030) - large	
BMN990-001-700	PressToCheck™ P3 (F-4003) Dust Filters - 2 pack	

FACE FIT TESTING EQUIPMENT

BHU000-000-100	Force® size guide	
BPT050-000-000	Qualitative face fit testing kit	
BPT060-000-000	Qualitative face fit test hood	
BPT080-000-000	BITREX™ sensitivity & fit test solution kit	
BPT092-000-000	Force® Portacount / AccuFIT quantitative fit test adaptor	

DISPOSABLE RESPIRATORS

BGZ130-000-A00	Disposable Moulded Mask FFP3 Valved (M632)	
BGA182-206-000	435ML FFP3 with Typhoon™ Valve (Box of 10)	
BEK136-101-A00	735 - FFP3 valved	

SELECTING FILTERS FOR HALF AND FULL FACE MASKS

Filters for half and full face masks protect against various forms of hazardous substance, including particulates and gas / vapours. Both half masks and full face masks are tight-fitting RPE and require face fit testing upon selection and regularly thereafter - see page 61 for more information on fit testing and which methods are applicable to each type of mask. Selection of the correct filters is essential to ensure protection is provided to the wearer. A full risk assessment must be completed to determine the correct protection factor and filter type - this section gives general guidance on the appropriate filters for various hazardous substances.

FILTER TYPES

Respiratory filters are colour-coded and marked with letters to show the type of protection provided.

TYPE	COLOUR CODE	DESCRIPTION
A		Organic vapours and gases with boiling points >65°C
AX		Organic vapours and gases with boiling points ≤65°C
B		Inorganic gases excluding carbon monoxide
E		Sulphur dioxide and acidic gases
K		Ammonia and organic ammonia derivatives
P		Solid & liquid hazardous & toxic particles

FULL FACE MASK & FILTER USE SELECTION CHART

	ABEK P3	AB P3	A P3	AB	K	B	AX	A	P3	P2
Silica	✓	✓	✓						✓	
Concrete & stone cutting	✓	✓	✓						✓	
Plaster	✓	✓	✓						✓	
Welding (ferrous & lead)	✓	✓	✓						✓	
Woods hard & soft	✓	✓	✓						✓	
MDF (machine tooling)	✓									
Asbestos removal									✓	
Fibres & fibre glass	✓	✓	✓						✓	
Volatile organic compounds (VOCs)							✓			
Contaminated earth moving, demolition	✓						✓			
Fuel processing							✓			
Resins	✓	✓	✓	✓			✓	✓		
Water-based paint	✓	✓	✓						✓	✓
Brush painting – solvent-based	✓	✓	✓	✓		✓	✓	✓		
Spray painting – solvent-based	✓	✓	✓				✓			
Manual prep	✓	✓	✓						✓	✓
Powered prep	✓	✓	✓						✓	
Chemical paint Stripping	✓	✓	✓	✓			✓	✓		
Heat paint stripping	✓	✓	✓	✓				✓		
Coating – powder, PU, acrylic	✓	✓	✓							
White spirit	✓	✓	✓	✓				✓		
Chlorine	✓	✓		✓		✓				
Glyphosate (weed killer)	✓	✓	✓						✓	
Brick Acid	✓									
Industrial solvents & degreasers							✓			
Ammonia	✓				✓					
Acetone							✓			

HALF MASK & FILTER USE SELECTION CHART

	ABEK P3	AB P3	A P3	AB	K	B	A	P3	P2
Silica								✓	
Concrete & stone cutting								✓	
Plaster								✓	
Welding (ferrous & lead)	✓							✓	
Woods hard & soft								✓	
MDF (machine tooling)									
Asbestos removal	Full face mask must be worn for this task								
Fibres & fibre glass	✓							✓	
Volatile organic compounds (VOCs)	AX filter must be worn for this task								
Contaminated earth moving, demolition	✓								
Fuel processing	Full face mask must be worn for this task								
Resins	✓	✓	✓	✓			✓		
Water-based paint	✓	✓	✓					✓	✓
Brush painting – solvent-based	✓	✓	✓	✓		✓	✓		
Spray painting – solvent-based	✓	✓	✓						
Manual prep	✓	✓	✓					✓	✓
Powered prep								✓	
Chemical paint Stripping	✓	✓	✓	✓			✓		
Heat paint stripping	✓	✓	✓	✓			✓		
Coating – powder, PU, acrylic									
White spirit	✓	✓	✓	✓			✓		
Chlorine	✓			✓		✓			
Glyphosate (weed killer)								✓	
Brick acid	✓								
Industrial solvents & degreasers	Full face mask must be worn for this task								
Ammonia	✓				✓				
Acetone	Full face mask & AX filter must be worn for this task								

PRESSTOCHECK™

DAILY FACE FIT CHECK TECHNOLOGY

Face fit testing is reassuring, but how can you be sure that you have donned the mask correctly each time you wear it? With PressToCheck™ filters you can instantly check that you have the correct seal every time you don your mask before entering the hazard zone.

SCAN FOR RELATED VIDEOS
or view the video at:
http://bit.ly/JSPForce8

PATENT GRANTED · JSP · DESIGN REGISTERED

PRESSTOCHECK™ FILTER TESTING AND MANUFACTURING

JSP's state-of-the-art European production facility has the ability to produce filter components on demand, reducing unnecessary material, storage and delivery wastage. Automated in-house testing of PressToCheck™ filter units, in addition to batch release testing, ensure the filters are fully compliant with Category 3 CE marking requirements. JSP's rigorous testing procedures provide the highest quality reassurance for PressToCheck™ filter end users.

European production facility

Batch testing at European production facility's test lab

✔ FIT IT

DON THE MASK

Put the straps and harness over your head and pull the straps to a suitably tight and comfortable fit.

✔ PRESS IT

PRESSTOCHECK™

Press the front & backs of both filter covers together to stop air from entering through the filters.

✔ CHECK IT

INHALE - No air should come through the mask. ① **look forward** and adjust the mask until a seal is created. Repeat this process whilst looking ② **up**, ③ **down**, ④ **left** and ⑤ **right** to complete the check.

PRESSTOCHECK™ FILTER COMPATIBILITY

Our full range of PressToCheck™ filters are sleek and low-profile, enabling maximum compatibility with other JSP products such as the EVOGuard® visor range. PressToCheck™ filters are for use with both the Force®8 half mask and Force®10 Typhoon™ full face mask.

FORCE®10 TYPHOON™

FORCE®8

PRESSTOCHECK™ RESPIRATOR FILTER RANGE

PressToCheck™ is the easiest way to face-fit check the seal of your respirator, every time you put it on! High filtration exceeding 99.97% and low breathing resistance, with daily face fit check technology.

	Silica	Concrete & stone cutting	Plaster	Welding (ferrous & lead)	Woods hard & soft	MDF (machine tooling)	Asbestos handling	Fibres & fibre glass	Contaminated earth moving, demolition	Resins	Water-based paint	Brush painting – solvent-based	Spray painting – solvent-based	Manual prep	Powered prep	Chemical paint Stripping	Heat paint stripping	Coating – powder, PU, acrylic	White spirit	Chlorine	Glyphosate (weed killer)	Brick acid	Ammonia
ABEK1 P3 BMN750-000-600 F-4713	✓ ⊕	✓ ⊕	✓ ⊕	✓ ⊕	✓ ⊕	✓ ⊕		✓ ⊕	✓ ⊕	✓ ⊕		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓ ⊕	✓	✓
A2 P3 BMN740-000-600 F-4123	✓ ⊕	✓ ⊕	✓ ⊕	✓ ⊕	✓ ⊕	✓ ⊕		✓ ⊕		✓		✓				✓	✓		✓		✓ ⊕		
P3 BMN990-001-700 F-4003	✓	✓	✓	✓	✓	✓	✓ ⊕	✓			✓			✓	✓						✓ ⊕		
P3 Compact odour BGC310-001-000 F-3103	✓	✓	✓	✓	✓	✓	✓ ⊕	✓			✓			✓	✓						✓		

⊕ Only when used with a Force®10 Typhoon™ respirator - see page 74

FORCE® 5000 RESPIRATOR FILTER RANGE

Force® F-5000 is a new generation of gas/vapour filters engineered for minimal inhalation resistance and maximum compatibility.

	Volatile organic compounds (VOCs)	Fuel processing	Resins	Brush painting – solvent-based	Manual prep	Chemical paint stripping	Heat paint stripping	Coating – powder, PU, acrylic	White Spirit	Chlorine	Brick Acid	Industrial solvents & degreasers	Ammonia	Acetone
ABEK1 BMK370-000-100 F-5710			✓	✓		✓	✓	✓	✓	✓	✓		✓	
AB1 BMK360-000-100 F-5510			✓	✓		✓	✓	✓	✓	✓				
A1 BMK340-000-100 F-5110			✓	✓		✓	✓	✓	✓					
A2 BMK350-000-100 F-5120			✓	✓		✓	✓	✓	✓					
AX BMK390-000-100 F-51X0	✓	✓	✓	✓		✓						✓		✓
P2 - PRE FILTER BMK410-000-100 F-5002					✓									

FORCE® CLASSIC
RESPIRATOR FILTER RANGE

Force® Classic filters provide a cost-effective option, offering a wide range of gas/vapour, particulate and combined protection. The low-profile cartridges are designed to maximise the wearer's field of vision.

	Silica	Concrete & stone cutting	Plaster	Welding (ferrous & lead)	Woods hard & soft	MDF (machine tooling)	Fibres & fibre glass	Contaminated earth moving, demolition	Resins	Water-based paint	Brush painting – solvent-based	Spray painting – solvent-based	Manual prep	Powered prep	Chemical paint stripping	Heat paint stripping	Coating – powder, PU, acrylic	White spirit	Chlorine	Glyphosate (weed killer)	Brick acid	Ammonia
ABEK1 P3 BMP520-011-700 F-2713	✓ ⊛	✓ ⊛	✓ ⊛	✓ ⊛	✓ ⊛	✓ ⊛	✓ ⊛	✓ ⊛	✓		✓	✓	✓	✓ ⊛	✓	✓	✓	✓	✓	✓ ⊛	✓	✓
ABEK1 P2 BMP580-011-700 F-2712									✓		✓				✓	✓		✓	✓		✓	✓
ABEK1 BMN330-011-700 F-2710									✓		✓				✓	✓		✓	✓			✓
AB1P2 BMP540-011-700 F-2512									✓		✓				✓	✓		✓	✓			
AB1 BMN320-011-700 F-2510									✓		✓				✓	✓		✓	✓			
A2 P3 BMP300-011-700 F-2123	✓ ⊛	✓ ⊛	✓ ⊛	✓ ⊛	✓ ⊛	✓ ⊛	✓ ⊛	✓ ⊛	✓		✓	✓ ⊛	✓ ⊛	✓	✓	✓		✓	✓	✓ ⊛		
A2 BMN190-011-700 F-2120									✓		✓				✓	✓		✓				
A1 BMN210-011-700 F-2110									✓		✓				✓	✓		✓				
P2 BMN380-011-700 F-2002										✓			✓									
P2 PRE-FILTER KIT BMW380-000-700 F-2002													✓									

⊛ Only when used with a Force®10 Typhoon respirator - see page 73

These tables are for guidance purposes only. A proper risk assessment by qualified personnel should be carried out before selecting an appropriate filter cartridge.

FORCE® 10 TYPHOON™ FULL FACE RESPIRATOR

The NEW Force®10 Typhoon™ is an extremely lightweight, easy to maintain Class 1 full face respirator with panoramic visor. With 3 available sizes (S,M,L) and the ability to fit PressToCheck™ filters, the user can feel reassured of an excellent fit.

SMALL
ISO 16976-2
HUMAN
FACTORS DATA

MEDIUM
ISO 16976-2
HUMAN
FACTORS DATA

LARGE
ISO 16976-2
HUMAN
FACTORS DATA

FORCE®10 SMALL (MASK ONLY)	FORCE®10 MEDIUM (MASK ONLY)	FORCE®10 LARGE (MASK ONLY)
Force®10 respirator: EN 136	Force®10 respirator: EN 136	Force®10 respirator: EN 136
BPB003-104-000-UK	BPB003-004-000-UK	BPB003-204-000-UK

EFFORTLESS MAINTENANCE FOR MAXIMUM REUSE

The Force®10 Typhoon™ has been meticulously engineered to incorporate a small number of key components. Disassembly, cleaning and maintenance are effortless with replacement parts available if necessary.

REUSABLE

Effortless disassembly for cleaning

- ✔ EXTEND PRODUCT LIFE
- ✔ REDUCE WASTE

SCAN FOR MAINTENANCE GUIDE
or view the video at:
http://jspsafety.info/F10MaintainGO

FORCE®10 SPARES

BPS000-000-000	Orinasal mask, o-ring & diaphragm 3Pcs for Force®10
BPS010-000-000	Inhale/exhale diaphragm 3Pcs for Force®10 mask
BPS030-000-000	Harness & clips for Force®10 mask
BPS040-000-000	Exhalation valve cover for Force®10 mask
BPS050-000-000	Peel off visor protector for Force®10 mask - pack of 10

FORCE®8 SPARES

BTC000-001-100	Force®8 replacement harness cradle - black
BPT170-011-000	Force®8 belt bag (holds mask & filters)
BTB000-000-100	JSP PPE protector - storage container

FORCE®8 HALF MASK RESPIRATOR

Consistently rated 5 stars in online reviews

bsi Respiratory Protective Devices KITEMARK™
KM 586271
BS EN 140
BS EN 143
BS EN 14387

PATENT PENDING DESIGN REGISTERED

The Force®8 twin cartridge half mask with Typhoon™ valve offers superior low breathing resistance and a 4-point suspension harness with quick release buckles. The mask accepts the full range of low-profile PressToCheck™ filters, providing protection against particulates, many gases and vapours.

SHORT WIDE
ISO 16976-2 HUMAN FACTORS DATA

SMALL
ISO 16976-2 HUMAN FACTORS DATA

MEDIUM
ISO 16976-2 HUMAN FACTORS DATA

LARGE
ISO 16976-2 HUMAN FACTORS DATA

FORCE®8 SHORT WIDE
Force®8 respirator: EN 140

Force®8 half mask only

BHG002-0L5-000

FORCE®8 SMALL
Force®8 respirator: EN 140

Force®8 half mask only

BHG003-1L5-000

FORCE®8 MEDIUM
Force®8 respirator: EN 140

Force®8 half mask only

BHT003-0L5-000

FORCE®8 LARGE
Force®8 respirator: EN 140

Force®8 half mask only

BHG003-2L5-000

FORCE®8 + PRESSTOCHECK™ P3
Force®8 respirator: EN 140
PressToCheck™ P3 filter: EN 143

Force®8 (medium) fitted with PressToCheck™ P3 dust filters

BHT0A3-0L5-N00

FORCE®8 + PRESSTOCHECK™ A2P3
Force®8 respirator: EN 140
PressToCheck™ A2P3 filter: EN 14387

Force®8 (medium) fitted with PressToCheck™ A2P3 organic gas / vapour + dust filters

BHT0B3-0L5-N00

FORCE®8 + PRESSTOCHECK™ ABEK1P3
Force®8 respirator: EN 140
PressToCheck™ ABEK1P3 filter: EN 14387

Force®8 (medium) fitted with PressToCheck™ ABEK1P3 multi-gas / vapour + dust filters

BHT0C3-0L5-N00

CLEANING AND MAINTAINING RPE

Maintaining RPE correctly is important in order to maximise the lifespan of products. Instructions are provided with respirators that detail how to clean and maintain the product safely. Appropriate cleaning and maintenance ensure good hygiene, as well as helping to reduce costs and improve sustainability.

✔ USE
✔ CLEAN
✔ REPEAT

SCAN FOR MAINTENANCE GUIDE
or view the video at:
https://jspsafety.info/3cqjqsq

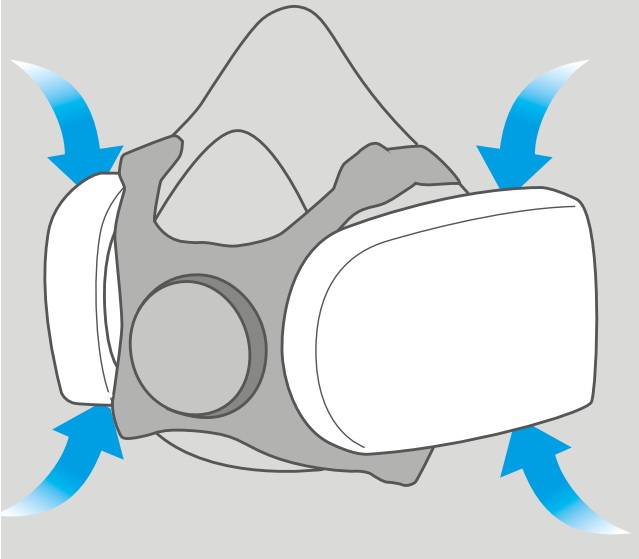
REUSABLE

EXHALATION VALVE BENEFITS

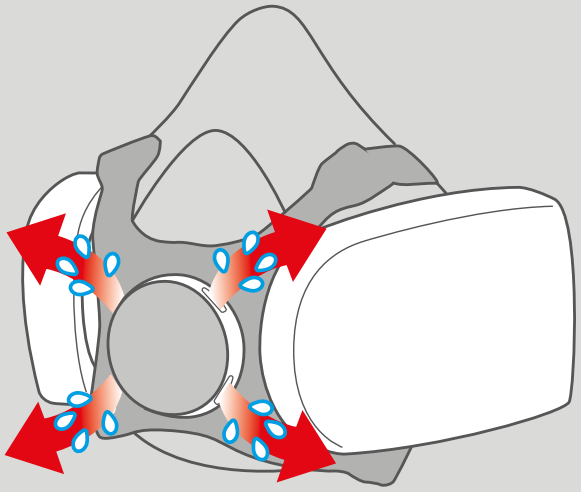
Exhalation valves provide greater comfort to wearers, with lower CO_2 levels and reduced heat and moisture build-up. Used safely, exhalation valves can help wearers retain energy and in turn improve morale. In situations with high work rates, where pulmonary stress can occur, and in hot environments, exhalation valves can be vital for safe use of RPE.

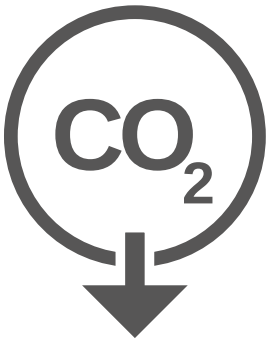
HOW DO EXHALATION VALVES WORK?

INHALATION: Air is inhaled through the filters. The diaphragm in the exhalation valve is closed to prevent inhalation through the valve.



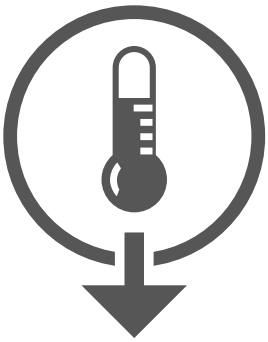
EXHALATION: When the wearer exhales, the diaphragm opens to allow air to pass through. This reduces the amount of air flowing back through the filter media, directing the warm and moist exhaled air out through the valve.





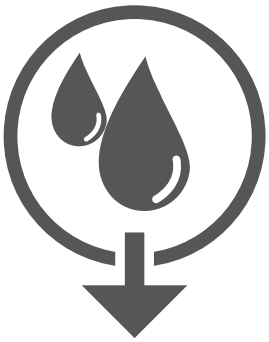
✔ REDUCED CO_2

All JSP respirators are tested for CO_2 content to ensure it remains below a safe level of 1% volume. Exhalation valves work more efficiently, reducing CO_2 even further to avoid feelings of drowsiness or fatigue.



✔ REDUCED HEAT

Exhalation valves help to reduce heat build-up within the mask for more comfortable wear. This is especially important in warm environments and climates, and at high work rates, when a mask can feel claustrophobic.

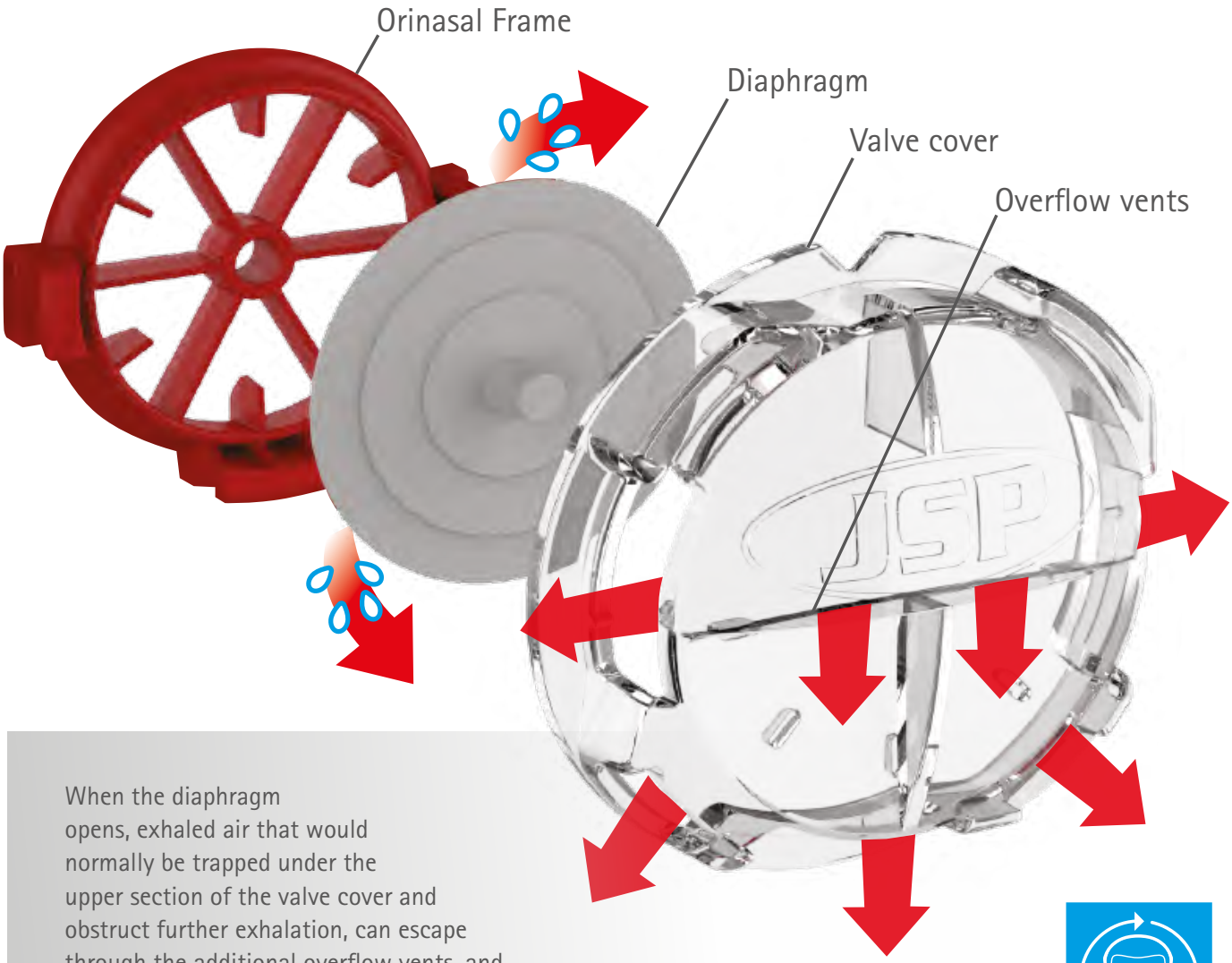


✔ REDUCED MOISTURE

The moisture in exhaled air can clog the filter media, reducing the filtration ability of the mask. An exhalation valve directs exhaled air out to prevent a build-up in the filter material in order to improve performance and filter life.

ADVANCED VALVE TECHNOLOGY

All exhalation valves make a difference in lowering breathing resistance and improving comfort, but some offer higher performance than others. The JSP Typhoon™ valve is designed to ensure air can easily escape through the valve, to provide extremely low breathing resistance for enhanced comfort during wear.



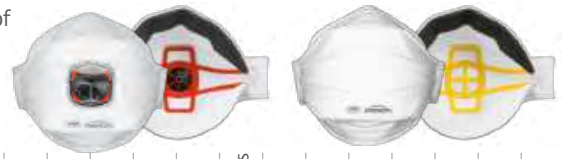
When the diaphragm opens, exhaled air that would normally be trapped under the upper section of the valve cover and obstruct further exhalation, can escape through the additional overflow vents, and assure unrivalled low breathing resistance. The diaphragm is made from silicone, ensuring it is not affected by moisture and can therefore be used with the same high performance under very low temperatures.

REUSABLE

Effortless disassembly for cleaning

SPRINGFIT™ 400 SERIES
3-PLY FOLD FLAT, WITH INTEGRATED ENDOSKELETON

The SpringFit™ fold flat disposable mask achieves an unrivalled secure fit with the use of a unique endoskeleton structure. SpringFit™ introduces an abundance of features that maximise fit, comfort, compatibility and performance, available with Typhoon™ valve technology offering ultra-low breathing resistance.



SPRINGFIT™ MASKS INDIVIDUALLY WRAPPED EN 149			Filtration efficiency	Fine dusts	Brick dust	Concrete	Ferrous metal fume	Fibre glass	Lead fume	MDF (hand tools)	Mineral fibres	Plaster	Rockwool	Sandstone	Silica	Welding	Wood soft	Wood hard
BGA122-202-000		421ML FFP2 non-valved (box of 10)	94%					✓		✓	✓		✓					
BGA132-206-000		431ML FFP3 non-valved (box of 10)	99%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BGA172-202-000		425ML FFP2 with Typhoon™ valve (box of 10)	94%					✓		✓	✓		✓					
BGA182-206-000		435ML FFP3 with Typhoon™ valve (box of 10)	99%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BGA802-206-000		436ML FFP3 with Typhoon™ valve and nuisance carbon layer (box of 10)	99%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

SPRINGFIT™ 400 SERIES - DETECTABLE
DETECTABLE TECHNOLOGY, FOR CRITICAL ENVIRONMENTS

Combining the unique Springfit™ endoskeleton and integrated spring feature with detectable technology, the new Springfit™ Detectable respirators provide an excellent fit and comfortable wear in manufacturing environments requiring contamination control. The masks are designed with no detachable parts and are individually packed for hygiene.

SPRINGFIT™ DETECTABLE FOLD FLAT MASKS INDIVIDUALLY WRAPPED EN 149			Filtration efficiency	Fine dusts	Brick dust	Concrete	Ferrous metal fume	Fibre glass	Lead fume	MDF (hand tools)	Mineral fibres	Plaster	Rockwool	Sandstone	Silica	Welding	Wood soft	Wood hard
BGA172-305-000		Springfit™ Detectable 429ML FFP2 with Typhoon™ valve (box of 10)	94%					✓		✓	✓		✓					
BGA182-305-000		Springfit™ Detectable 439ML FFP3 with Typhoon™ valve (box of 10)	99%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

F600 SERIES
DISPOSABLE FOLD FLAT MASKS

Vertical fold flat respirators with foam padded adjustable nose clip and extended chin coverage. The F622 model features a low-resistance exhalation valve.

F621 / F622 DISPOSABLE FOLD FLAT MASKS INDIVIDUALLY WRAPPED EN 149			Filtration efficiency	Fine dusts	Brick dust	Concrete	Ferrous metal fume	Fibre glass	Lead fume	MDF (hand tools)	Mineral fibres	Plaster	Rockwool	Sandstone	Silica	Welding	Wood soft	Wood hard
BGW170-000-S00		F622 - FFP2 valved (box of 30)	94%					✓		✓	✓		✓					
BGV120-000-Q00		F621 - FFP2 non-valved (box of 40)	94%					✓		✓	✓		✓					

FLEXINET® 800 SERIES
MOULDED CUP, ERGONOMIC 3D MESH

Flexinet® has an ergonomic 3D mesh facepiece, designed to help the mask retain its shape and offer an effective fit. Available with advanced low-resistance valve.

FLEXINET® MOULDED MASKS
EN 149

		Filtration efficiency	Fine dusts	Brick dust	Concrete	Ferrous metal fume	Fibre glass	Lead fume	MDF (hand tools)	Mineral fibres	Plaster	Rockwool	Sandstone	Silica	Welding	Wood soft	Wood hard
BEQ122-201-A00	Flexinet® 821 - FFP2 non-valved (box of 10)	94%					✓		✓	✓		✓					
BER122-201-A00	Flexinet® 822 - FFP2 valved (box of 10)	94%					✓		✓	✓		✓					
BER130-001-M00	Flexinet® 832 - FFP3 valved (box of 5)	99%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

700 SERIES TYPHOON™
MOULDED CUP, ULTRA-LOW BREATHING RESISTANCE

The range features the unique Typhoon™ valve for ultra-low breathing resistance, moisture and CO2 build-up.

700 SERIES TYPHOON™ MOULDED MASKS
EN 149

		Filtration efficiency	Fine dusts	Brick dust	Concrete	Ferrous metal fume	Fibre glass	Lead fume	MDF (hand tools)	Mineral fibres	Plaster	Rockwool	Sandstone	Silica	Welding	Wood soft	Wood hard
BEP120-001-A00	725 - FFP2 valved (box of 10)	94%					✓		✓	✓		✓					
BEP150-001-A00	726 - FFP2 valved and nuisance carbon layer (box of 10)	94%					✓		✓	✓		✓					
BEK136-101-A00	735 - FFP3 valved (box of 10)	99%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

M632 - FFP3 VALVED
DISPOSABLE MOULDED MASK

Moulded disposable respirator with comfort foam surround, adjustable nose clip, 4-point harness and exhalation valve.

M632 DISPOSABLE MOULDED MASK
EN 149

		Filtration efficiency	Fine dusts	Brick dust	Concrete	Ferrous metal fume	Fibre glass	Lead fume	MDF (hand tools)	Mineral fibres	Plaster	Rockwool	Sandstone	Silica	Welding	Wood soft	Wood hard
BGZ130-000-A00	M632 - FFP3 valved (box of 10)	99%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

FILTERSPEC® THE INTEGRATED SOLUTION TO INCOMPATIBILITY

Worn together, safety eyewear and respirators often reduce each other's effectiveness because eyewear frames compromise the seal of the respirator, leading to lens misting and reduced respiratory protection. FilterSpec® combines both protective devices into an integrated unit.

FILTERSPEC® PRO

Respirator: EN 149 Goggle: EN 166
Clear lens: EN 170

		Ultraviolet filter scale number	Optical class (1=high, 3=low)	Low energy impact 120 m/s	Protection at extremes of temperature	Anti-mist coating	Liquid droplets	Large dust particles (>5 microns)	Molten metals and hot solids
AGE130-201-100	Black/clear FFP3V	2C-1.2	1	B	T	✓	✓	✓	✓
ASG03B-101-100	FFP3 valved filters - Pk10								

532 - FFP3 VALVED DISPOSABLE MOULDED MASK

Moulded disposable respirator with exhalation valve for low breathing resistance. Passes optional clogging (D) requirements. An adjustable 4-point head strap and 360° comfort foam enables a comfortable fit for all head sizes and shapes.

532 DISPOSABLE MOULDED MASK

EN 149

			Filtration efficiency	Fine dusts	Brick dust	Concrete	Ferrous metal fume	Fibre glass	Lead fume	MDF (hand tools)	Mineral fibres	Plaster	Rockwool	Sandstone	Silica	Welding	Wood soft	Wood hard
BEK130-002-M00		532 - FFP3 valved (box of 5)	99%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

MARTCARE® RANGE DISPOSABLE MOULDED MASKS

The Martcare® range offers cost-effective respiratory protection, subject to the same rigorous batch testing and conformity procedures applied to all JSP PPE.

MARTCARE® DISPOSABLE MASKS

EN 149

			Filtration efficiency	Fine dusts	Brick dust	Concrete	Ferrous metal fume	Fibre glass	Lead fume	MDF (hand tools)	Mineral fibres	Plaster	Rockwool	Sandstone	Silica	Welding	Wood soft	Wood hard
BEH120-002-A00		M22 - FFP2 valved (box of 10)	94%					✓		✓	✓		✓					
BEG120-002-B00		M21 - FFP2 non-valved (box of 20)	94%					✓		✓	✓		✓					
BEH130-002-A00		M32 - FFP3 valved (box of 10)	99%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
BEG130-002-B00		M31 - FFP3 non-valved (box of 20)	99%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

USE CLEAN REPEAT

Keeping PPE clean is crucial for hygiene and protection. Unclean equipment can cause irritation for the wearer and may not be able to perform at the intended level. Following the proper cleaning and maintenance procedures maximises usage life, allowing PPE to be reused for longer.

JSP offer a range of non-abrasive, alcohol-free cleaning products, designed to enable easy maintenance and protect your PPE.

LENS & PPE CLEANING STATION

Wall mounted Lens and PPE Cleaning Station including 4 boxes of 280 tissues and 1 bottle of cleaning spray. All items can be replaced and refitted in the cleaning station which helps to keep all necessary equipment contained and in one place.

ASU200-000-200	Complete with 4x boxes of 280 tissues, 1x500ml cleaning fluid, label & mirror

TISSUES

Each box contains 280 tissues that are low lint, soft, non-abrasive and absorbent for easy cleaning. Use with cleaning spray for best results.

ASU200-000-300	Box of 280 multi function cleaning tissues

WIPES

100 alcohol-free PPE cleaning wipe sachets suitable for a range of JSP PPE, including safety spectacles, goggles, faceshields, reusable half and full face masks, and ear defenders.

ASU200-000-100	Box of 100 pre-moistened lens and PPE wipes

CLEANING SPRAY

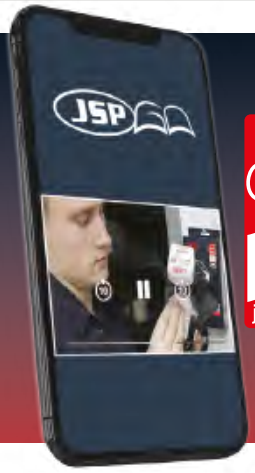
Anti-bacterial, anti-static spray cleaning fluid. Alcohol- and silicone-free.

ASU200-000-400	500ml bottle of lens and PPE cleaning fluid

JSP

GUIDES ONLINE

Digital user guides and tutorial videos demonstrate how to fit and maintain products correctly.



jspgo.com

EYE & FACE PROTECTION

Eye and face hazards present a multitude of risks to workers which, if not properly controlled, can cause irreversible, lifelong injuries. As experts in safety, we are committed to helping keep workplaces safe and healthy.

JSP design high quality, innovative eye and face protection products to help combat hazards encountered in the workplace – our eye and face protection range is developed and manufactured using the latest design and production technologies to create high performance, user-friendly solutions. Testing is carried out in the dedicated Quality Assurance laboratory, which houses specialist equipment for optical properties, impact resistance, and lens surface damage testing. JSP eye and face protection includes prescription-compatible options and a full range of accessories, with technical support available for help with selection, use and cleaning of PPE.

STANDARDS
ARE CHANGING
NEW eye & face
ISO standards
Scan to view

MARKINGS GUIDE

Eye and face protectors are marked to show level of protection and fields of use. Marking requirements, set out in EN 166, are divided into ocular (lens) and frame markings, with a separate requirement in place for where the ocular and frame form a single unit. Please note this guide details marking formats; marking positions can vary between products. For example, an ocular marking can appear on the side or top of spectacle lenses. Also shown are JSP icons for eye and face protectors performance properties which can be used to select and compare products in this guide.

FRAME MARKINGS

	Manufacturers trademark
EN 166	EN standard
3 4 9	Fields of use
BT	Impact protection

LENS MARKINGS

2C	Lens shade
1.2	Light transmission
	Manufacturers trademark
1	Optical class
BT	Impact protection
9	Fields of use
KN	Additional markings

OPTICAL CLASS MARKINGS

Optical class is marked by a singular number, either 1, 2, or 3 with 1 being optimum and 3 being only for short-term wear. All applicable JSP eye and face protection is optical class 1.

1 (highest)	2	3 (lowest)
Suitable for continuous, long-term use	Suitable for intermittent use	

LENS SHADE MARKINGS

The shade of the lens and UV / solar filtering is shown by a series of numbers. The first number signifies the radiation protection afforded by the lens.

2-	UV protection
2C- / 3-	UV protection with good colour recognition
5-	UV and solar protection

LIGHT TRANSMISSION MARKINGS

The second part signifies the light transmission offered by the lens. These two values are separated by a hyphen (-) meaning the full lens shade marking will appear as 2C-1.2, for example.

1.2	74.4% - 100% (clear)
1.7	43.2% - 58.1% (indoor / outdoor)
2.5	17.8% - 29.1% (light smoke)
3.1	8.0% - 17.8% (dark smoke)

IMPACT PROTECTION MARKINGS

Impact protection is marked with a letter. Some impact ratings are only applicable to certain product types. If applicable, the letter 'T' is shown immediately after the impact marking, for example AT.

A	B	F	S	T
Withstands high speed particles, high energy impact (faceshield only)	Withstands high speed particles, medium energy impact (goggle and faceshield only)	Withstands high speed particles, low energy impact	Increased robustness (mesh eye protectors)	Protection at extremes of temperature

FIELDS OF USE MARKINGS

Fields of use are marked with a separate, single number.

3	4	5	8	9
Protection against liquid droplets (goggle) and liquid splash (faceshield)	Protection against large dust particles (>5 microns) (goggle only)	Protection against gases and fine dust particles (<5 microns) (goggle only)	Protection against short circuit electric arc (faceshield only)	Protection against molten metals and hot solids

ADDITIONAL MARKINGS

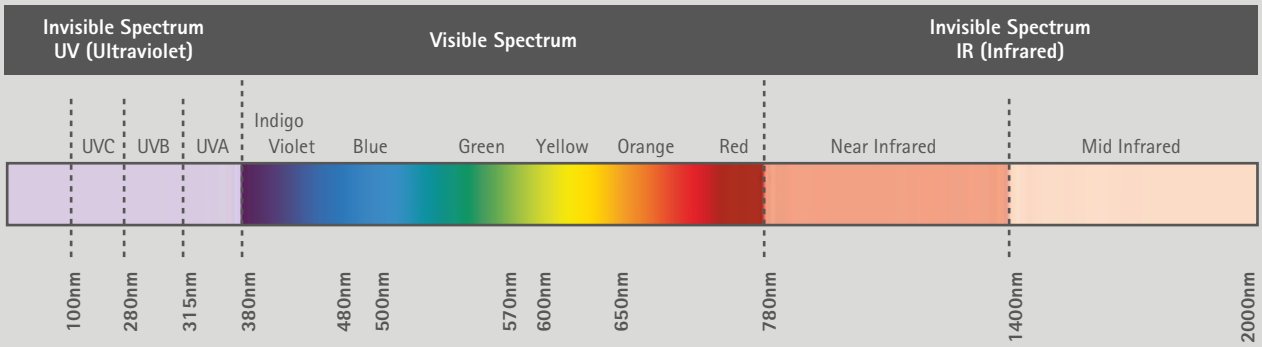
Additional features and properties of the eye protector are marked with a separate, single letter. All JSP eye and face protectors feature the relevant EN standard and manufacturer marking.

K	N	EN 166	®
Resistance to surface damage by fine particles (anti-scratch)	Resistance to fogging of oculars (anti-mist)	European standard for personal eye protection	Manufacturer's trade mark

EYEWEAR INFORMATION

Harmful optical radiation can damage the eye in different ways depending on its wavelength and properties. Certain infrared, ultraviolet, and blue light can cause partial or total blindness. In some cases effects can be immediate, and in others damage is sustained over time. Leading to eye problems or blindness later in life. The chart below shows different forms of light, their wavelengths and properties, as well as the types of damage that can be sustained as a result of exposure. Eye and face protection should be selected with an appropriate shade to filter the specific form of harmful light identified through risk assessment and legal guidance. The JSP lens shades guide on page 86 provides more information on available lenses and the types of protection offered.

CONSEQUENCES OF OPTICAL RADIATION



Optical Radiation Type	Optical Radiation Level	Organs Affected	Consequences on Sight
UVC	100 to 280 nm	Cornea	Conjunctivitis - partial blindness
UVB	280 to 315 nm	Cornea & Lens	Cataract - conjunctivitis - partial blindness
UVA	315 to 380 nm	Cornea & Lens	Cataract - conjunctivitis - partial blindness
Blue Light	380 to 500 nm	Retina	Partial or total blindness
Visible Light	380 to 780 nm	Retina	Visual complaints - inconsistent perception
Near Infrared (IR)	780 to 1400 nm	Lens & Retina	Retinitis pigmentosa - cataract - blindness
Mid Infrared (IR)	1400 to 2000 nm	Lens	Cataract - partial blindness

GUIDE TO JSP LENS SHADES

Selection of a lens shade must take into account the optical radiation hazard(s) and filtering requirements. It is also important to consider the need for good visibility and colour recognition. Some lenses have limitations due to the low light transmission value required to provide effective filtering. This means the lens may not be safe for use where colour recognition is imperative, such as for driving or electrical work. The table below provides information on JSP lens shades, showing levels of UV and IR light absorption, light transmission value, and guidance on use.

Marking	UV Absorption 280-380 nm	IR Absorption 780-1400 nm	Light Transmission Value (LTV)	Lens Shade		Functions and Suitable Uses
2-1.2 2C-1.2	✓ (99.99%)	✓ (11%)	74.4% - 100% 74.4% - 100%	Clear		Suitable for use in good visibility conditions.
5-1.4 5-1.7	✓ (99.99%)	✓ (34%)	58.1% - 74.4% 48% - 56%	Indoor / Outdoor		Reduces dazzling and harmful effects of blue light. Ideal when moving between light and dark areas.
5-2.5	✓ (99.99%)	✓ (23%)	17.8% - 29.1%	Mid Smoke		Crisp optics and glare protection whilst providing true colour recognition.
5-3.1	✓ (99.99%)	✓ (23%)	8.5% - 17.8%	Smoke		For direct sunlight and bright glare conditions.
5-2.5	✓ (99.99%)	✓ (40%)	17.8% - 29.1%	Blue Mirror		Ideal protection against sun glare as it reflects solar rays before filtering UV.
5-3.1	✓ (99.99%)	✓ (23%)	8.5% - 17.8%	Polarised		Stops horizontal reflections, eliminating glare. Ideal for driving & working around water & flat reflective surfaces.
2-1.2	✓ (99.99%)	✓ (12%)	74.4% - 100%	Yellow		Offers sharpness, acuity and contrast. Primary function is to block blue light.
2-2	✓ (99.99%)	✓ (13%)	36%	Orange 550		Any hazard with Mechanical risk - UV protection 550nm.
5-1.1<2	✓ (99.99%)	✓ (9%)	90% - 36%	Photochromic		Any hazard with Mechanical risk - Auto dark lens for anti glare adjustment.
5-1.1 / 1.4	✓ (99.99%)	✓ (25%)	85%	Gradient		Any hazard with Mechanical risk - Comfort under top light exposure.
2C-1.4	✓ (100.00%)	✓ (15%)	67%	Blueblocker Brown		Any hazard with Mechanical risk - Good protection for blue light in any situation facing screens and smartphone.

GUIDE TO JSP LENS COATINGS

JSP eyewear lens coatings are specially designed to offer the best protection from abrasive scratches and misting. Our coating technologies have been developed over many years to provide unrivalled Anti-Scratch and Anti-Mist performance. We have developed a range for easy reference:

Coating	Description
premier SHIELD™	PremierShield™ is a permanent high-performance Anti-Scratch (K) and Anti-Mist (N) coating with Anti-Static properties. Lenses with PremierShield™ are rated EN 166 KN.
HARDIA+™	Hardia+™ is a permanent high-performance Anti-Scratch (K) coating. Lenses with Hardia+™ are rated EN 166 K.
MistResist+™	MistResist+™ is a high-performance permanent Anti-Mist (N), Anti-Static coating that also provides medium level scratch resistance. Lenses with MistResist+™ are rated EN 166 N.
HARDIA™	Hardia™ is an entry level Anti-Scratch coating that provides good scratch resistance at an economical price.
MistResist™	MistResist™ is an entry level Anti-Mist, Anti-Static coating that also provides scratch resistance.

STEALTH™ 9000
HIGH PERFORMANCE WITH COMPLETE CUSTOMISATION

Stealth™ 9000 features a wraparound 9 base curve lens and slim, stylish temples with soft rubber to increase grip and enhance comfort. Branding available with company colours and logos.

STEALTH™ 9000 SPECIFICATIONS
Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASA770-15N-800		Clear	Blue & orange	EN 166 EN 170	2C	1.2	1	F	T	premier SHIELD K Rated	N Rated
ASA770-16R-100		Indoor / outdoor	Blue & orange	EN 166 EN 172	5	1.7	1	F	T	HARDIA ✓	
ASA770-15P-900		Amber	Blue & orange	EN 166 EN 170	2	1.2	1	F	T	premier SHIELD K Rated	N Rated
ASA770-15W-900		Smoke	Blue & orange	EN 166 EN 172	5	2.5	1	F	T	premier SHIELD K Rated	N Rated
ASA770-16P-000		Smoke blue mirror	Blue & orange	EN 166 EN 172	5	2.5	1	F	T	HARDIA ✓	
ASA770-1CN-800		GW5 Welding	Blue & orange	EN 166 EN 175			1	F		HARDIA K Rated	
ASA770-16X-600		Smoke polarised	Black & green	EN 166 EN 172	5	3.1	1	F	T	HARDIA K Rated	

EIGER™

Eiger™ offers lateral coverage with a wraparound lens and built-in side shields. Flexofit™ overmoulded TPR temples, metal-free hinges and an adjustable nose bridge offer a secure, pressure-free fit.

EIGER™ SPECIFICATIONS
Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
1EIGGREY23CKN		Clear	Black & grey	EN 166 EN 170	2C	1.2	1	F	T	premier SHIELD K Rated	N Rated
1EIGGREY23SKN		Smoke	Black & grey	EN 166 EN 172	5	2.5	1	F	T	premier SHIELD K Rated)	N Rated
4EIGBST (Foam Gasket & Strap Kit)											

LEONE™

The Leone™ spectacle's contoured design offers a secure grip without exerting pressure and features a metal core nose bridge, enabling maximum adjustment for personalised fitting. The 9 base curve lenses provide excellent side coverage.

LEONE™ SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
1LEO21SVAR		Photochromic light grey to mid grey	Brown	EN 166 EN 172	5	1.1>2	1	F	T	HARDIA	✓
1LEOCARB21SPOL		Polarised smoke lens	Carbon style	EN 166 EN 172	5	3.1	1	F	T	HARDIA	✓

LYSS™

Lyss™ safety spectacles feature wraparound lenses and Flexofit™ technology. The pantoscopic adjustable temples and nose bridge offer a personalised fit, complete with a cushioning browguard to enhance comfort.

LYSS™ SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
1LYSDG23CKN		Clear	Black & Grey	EN 166 EN 170	2C	1.2	1	F	T	premier SHIELD ✓ K Rated	✓ N Rated
1LYSDG23SKN		Smoke	Black & Grey	EN 166 EN 172	5	2.5	1	F	T	premier SHIELD ✓ K Rated	✓ N Rated

ONEX™

With wraparound 9 base curve lenses, Onex™ provides excellent side coverage and field of vision. Flexofit™ adjustable nose bridge and pantoscopic grip arms provide an adaptable fit.

ONEX™ SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
1ONEBO23CKN		Clear	Black / Orange	EN 166 EN 170	2C	1.2	1	F	T	premier SHIELD ✓ K Rated	✓ N Rated
1ONEBO23SKN		Smoke	Black / Orange	EN 166 EN 172	5	2.5	1	F	T	premier SHIELD ✓ K Rated	✓ N Rated

STEALTH™ 8000

The Stealth™ 8000 is lightweight at just 26g, with wraparound 9 base curve lens and built-in adjustable PVC nose piece for enhanced comfort and increased stability.

STEALTH™ 8000 SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASA790-1A1-300		Clear	Clear & red	EN 166 EN 170	2C	1.2	1	F	T	premier SHIELD K Rated	N Rated
ASA790-151-300		Clear	Clear & red	EN 166 EN 170	2C	1.2	1	F	T	MistResist	✓
ASA790-161-300		Clear	Clear & red	EN 166 EN 170	2C	1.2	1	F	T	HARDIA+ K Rated	
ASA790-162-900		Indoor / outdoor	Clear & red	EN 166 EN 172	5	1.7	1	F	T	HARDIA ✓	
ASA790-161-200		Amber	Amber & black	EN 166 EN 170	2	1.2	1	F	T	HARDIA+ K Rated	
ASA790-166-400		Smoke	Smoke & red	EN 166 EN 172	5	2.5	1	F	T	HARDIA+ K Rated	
ASA106-121-300 (LED version)		Clear	Black & red	EN 166 EN 170	2C	1.2	1	F		premier SHIELD K Rated	N Rated

SEEZ™

Seez™ features wraparound 10 base curve lenses for high optical clarity. Flexofit™ technology offers a secure and comfortable fit with non-slip shape memory arms and flexible nose bridge.

SEEZ™ SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
1SEZBG23CKN		Clear	Black & grey	EN 166 EN 170	2C	1.2	1	F	T	premier SHIELD K Rated	N Rated
1SEZBG23SKN		Smoke	Black & grey	EN 166 EN 172	5	2.5	1	F	T	premier SHIELD K Rated	N Rated

CONTINENTAL™

Continental™ features a wraparound frame and side shields with non-slip nose bridge and temples. Available with a range of lenses including Blue Blocker and gradient options.

CONTINENTAL™ SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
1CONT21GR		Clear / light smoke gradient	Black	EN 166 EN 172	5	1.1 / 1.4	1	F	T	HARDIA ✓	
1CONT23BB		Brown 65% Blue Blocker	Brown	EN 166 EN 172	5	1.7	1	F	T	MistResist™	✓
1CONT23C		Clear	Clear	EN 166 EN 170	2C	1.2	1	F	T	MistResist™	✓
1CONT23S		Smoke	Black	EN 166 EN 172	5	2.5	1	F	T	MistResist™	✓

RIGI™

Rigi™ is lightweight at only 19g. The spectacle features unique Flex Flat temples offering an adaptable fit that stays secure even on narrow face shapes, to ensure a firm grip without exerting pressure.

RIGI™ SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
1RIG23CKN		Clear	Black & blue	EN 166 EN 170	2C	1.2	1	F	T	premier SHIELD™ ✓ K Rated	✓ N Rated
1RIG23SKN		Smoke	Black & blue	EN 166 EN 172	5	2.5	1	F	T	premier SHIELD™ ✓ K Rated	✓ N Rated
1RIG23IO		Indoor / outdoor	Clear & light grey	EN 166 EN 172	5	1.7	1	F	T	MistResist™	✓
1RIG23C		Clear	Black & blue	EN 166 EN 170	2C	1.2	1	F	T	MistResist™	✓
1RIG23S		Smoke	Black & blue	EN 166 EN 172	5	2.5	1	F	T	MistResist™	✓
1RIGBB21LB		Light brown	Light brown	EN 166 EN 170	2C	1.4	1	F	T	HARDIA ✓	

STEALTH™ 16g
JSP'S LIGHTEST SPECTACLE

JSP's lightest safety eyewear, weighing just 16g, with ultra-thin and ultra-strong optically perfect lenses.

STEALTH™ 16g SPECIFICATIONS
Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASA920-1A1-300		Clear	Clear	EN 166 EN 170	2C	1.2	1	F	T	premier SHIELD K Rated	N Rated
ASA920-161-300		Clear	Clear	EN 166 EN 170	2C	1.2	1	F	T	HARDIA+ K Rated	
ASA920-163-000		Smoke	Smoke	EN 166 EN 172	5	2.5	1	F	T	HARDIA+ K Rated	
ASA920-161-200		Amber	Amber	EN 166 EN 170	2	1.2	1	F	T	HARDIA+ K Rated	

Z4000™

Clear framed spectacle with wraparound polycarbonate lens and detachable cord, providing low-energy impact protection and UV filtering.

Z4000™ SPECIFICATIONS
Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASA440-151-300		Clear	Clear	EN 166 EN 170	2C	1.2	1	F		MistResist	✓

M9700

Soft flexible nose pad and rubber temple tips ensure comfort fit and reduce slippage. Dual curved lenses offer a wide field of vision.

M9700 SPECIFICATIONS
Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASA748-161-100		Clear	Black / red	EN 166 EN 170	2C	1.2	1	F		HARDIA ✓	
ASA748-165-800		Smoke	Black / blue	EN 166 EN 172	5	2.5	1	F		HARDIA ✓	

M9400

The M9400 safety spectacle weighs only 24g, with wraparound single lens design and built-in nose bridge for comfortable all-day wear.

M9400 SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASA718-161-100		Clear	Black	EN 166 EN 170	2C	1.2	1	F		HARDIA	✓
ASA718-165-000		Smoke	Black	EN 166 EN 172	5	2.5	1	F		HARDIA	✓

STEALTH™ JUNIOR

Stealth™ Junior is extremely lightweight and comfortable, with contoured design offering a great fit for smaller faces.

STEALTH™ JUNIOR SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Designed to suit small heads	Anti-scratch coating	Anti-mist coating
ASA918-321-100		Clear	Clear	EN 166 EN 170	2C	1.2	1	F		✓ H Rated	HARDIA ✓ K Rated	

M9200 VISISPEC

Single lens safety spectacle offering excellent value for money, with clear polycarbonate lens, temples and built-in side shields.

M9200 VISISPEC SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASD020-121-300		Clear	Clear	EN 166			1	F			

M9100

Wraparound spectacle with side shields, offering a wide field of vision and complete protection. Moulded nose bridge and adjustable temples for enhanced comfort.

M9100 SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASA240-021-100		Clear	Black	EN 166			1	F		HARDIA ✓	✓

JUNIOR WRAPAROUND

The Junior Wraparound spectacle features a one-piece lens with contoured side arms designed to offer a great fit for smaller faces.

JUNIOR WRAPAROUND SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Designed to suit small heads	Anti-scratch coating	Anti-mist coating
ASA908-321-100		Clear	Black	EN 166 EN 170	2C	1.2	1	F		✓ H Rated	HARDIA ✓	✓

M9300 OVERSPEC

Overspectacle with extended wraparound polycarbonate lens and side shield temples. Suitable for use with prescription (Rx) eyewear.

M9300 OVERSPEC SPECIFICATIONS

Spectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASD028-261-300		Clear	Clear	EN 166			1	F			

STEALTH™ COVERLITE™
LIGHTEST OVERSPECTACLE

The lightweight and spacious design of the Stealth™ Coverlite™ enables comfortable wear with prescription (Rx) eyewear. The overspectacle weighs just 34g and features pantoscopic temples with soft TPR grip pads to provide a secure, pressure-free fit.

STEALTH™ COVERLITE™ SPECIFICATIONS
Overspectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASA940-0A3-000		Clear	Black & Blue	EN 166 EN 170	2C	1.2	1	F	T	premier SHIELD K Rated	N Rated
ASA940-061-300		Clear	Black	EN 166 EN 170	2C	1.2	1	F	T	HARDIA+ K Rated	
ASA940-063-000		Smoke	Black	EN 166 EN 172	5	2.5	1	F	T	HARDIA+ K Rated	

COVERLITE™

Coverlite™ fits over prescription (Rx) eyewear to provide unrestricted clear vision. The overspectacle is flexible with metal-free hinges and Flexofit™ pantoscopic grip arms, providing an adaptable fit. Orange 550 lens available for specific applications such as light lamp, dentist and medical application. GW5 shade for welding applications.

COVERLITE™ SPECIFICATIONS
Overspectacle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
1COV23OR550		UV Orange	Black & orange	EN 166 EN 170	2	2	1	F	T	premier SHIELD K Rated	N Rated
1COV23W5		GW5 Welding	Black	EN 166 EN 169	5		1	F		MistResist	

STEALTH™ HYBRID COMBINED PROTECTION

Stealth™ Hybrid functions as a spectacle and goggle. The temples disconnect to enable fitting of the supplied head strap, with optional replacement lenses available, for versatile and adaptable protection.

STEALTH™ HYBRID SPECIFICATIONS

Spectacle/Goggle: EN 166
Lenses: Clear lens: EN 170 / Smoke lens: EN 172

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Low energy impact 45 m/s	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating
ASA450-151-102 (Spectacle Mode)		Clear	Black	EN 166 EN 170	2C	1.2	1	F		T	premier SHIELD K Rated	N Rated
ASA450-151-102 (Goggle Mode)		Clear	Black	EN 166 EN 170	2C	1.2	1		B		premier SHIELD K Rated	N Rated
ASB450-051-300 (Replacement lens)		Clear		EN 166 EN 170	2C	1.2	1	F*	B**	T	premier SHIELD K Rated	N Rated
ASB450-0A3-000 (Replacement lens)		Smoke		EN 166 EN 172	5	2.5	1	F*	B**		premier SHIELD K Rated	N Rated

*F-rated impact when in spectacle mode
**B-rated impact when in goggle mode

STEALTH™ 9200 FACESHIELD GOGGLE

A combination of indirect vented goggle and face protection with a sleek, modern design, engineered to offer outstanding performance and comfort.

STEALTH™ 9200 SPECIFICATIONS

Goggle/Faceshield: EN 166
Clear lens: EN 170

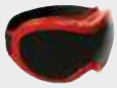
Product Code	Product Reference	Lens Colour	Frame	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Liquid droplets	Large dust particles (>5 microns)	Gases and fine dust particles (<5 microns)	Molten metals and hot solids	Anti-scratch coating	Anti-mist coating
AGW010-603-000		Opaque grey	Opaque Grey	EN 166 EN 170	2C	1.2	1	B	T	3	4	5	9	MistResist+	N Rated

*Faceshield attachment provides impact resistance only.

PANOWELD®
WELDING GOGGLE

Panoramic shade 5 goggle with indirect vent, soft comfort frame and wide elasticated adjustable headband. 2.5mm green polycarbonate lens with anti-mist coating.

PANOWELD® SPECIFICATIONS
Goggle: EN 166
Lens: EN 169

Product Code	Product Reference	Lens Colour	Frame Colour	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating	Liquid droplets	Large dust particles (>5 microns)	Gases and fine dust particles (<5 microns)	Molten metals and hot solids
G-Panoweld		Green	Red & Black	EN 166 EN 169	5		1	B		MistResist™	✓	✓	✓		✓

EVO® GOGGLE THERMEX™
FOG-FREE VISION

With a polycarbonate outer lens and acetate inner lens, EVO® goggle Thermex™ provides efficient fogging resistance with Moisture Control technology for fog-free vision even at low temperatures.

EVO® GOGGLE THERMEX™ SPECIFICATIONS
Goggle: EN 166
Clear lens: EN 170

Product Code	Product Reference	Lens Colour	Frame	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating	Liquid droplets	Large dust particles (>5 microns)	Gases and fine dust particles (<5 microns)	Molten metals and hot solids
AGM020-723-000		Clear double lens	Opaque Grey & Black	EN 166 EN 170	2C	1.2	1	B	T	premier SHIELD™ ✓ K Rated	✓ N Rated	✓	✓		✓

EVO® GOGGLE
LOW PROFILE DESIGN

Engineered to offer outstanding performance, compatibility, comfort, and style, the EVO® goggle range includes three goggles offering protection against different hazards. Compatible with the EVO® range of helmets

EVO® GOGGLE SPECIFICATIONS
Goggle: EN 166
Clear lens: EN 170

Product Code	Product Reference	Lens Colour	Frame	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating	Liquid droplets	Large dust particles (>5 microns)	Gases and fine dust particles (<5 microns)	Molten metals and hot solids
AGM020-823-000		Clear double lens	Opaque grey & Black	EN 166 EN 170	2C	1.2	1	B	T	premier SHIELD™ ✓ K Rated	✓ N Rated	✓	✓		✓
AGM020-623-000		Clear single lens	Opaque grey & Black	EN 166 EN 170	2C	1.2	1	B	T	MistResist+™	✓ N Rated	✓	✓		✓
AGM030-623-000		Clear single lens	Non vented Opaque grey	EN 166 EN 170	2C	1.2	1	B	T	MistResist+™	✓ N Rated	✓	✓	✓	✓

PROFILE™

Profile™ is made from flexible PVC and features a metal-free adjustable strap. Available with polycarbonate or acetate lens, and vented or non-vented frame. Compatible with prescription (RX) eyewear.

PROFILE™ SPECIFICATIONS

Goggle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating	Liquid droplets	Large dust particles (>5 microns)	Gases and fine dust particles (<5 microns)	Molten metals and hot solids
2PROV23C		Clear	Clear	EN 166 EN 170	2C	1.2	1	B	T	premier SHIELD K Rated	premier SHIELD N Rated	✓	✓		✓
2PRONV23W5		GW5 Welding	Black	EN 166 EN 169	5		1	B	T	premier SHIELD K Rated	premier SHIELD N Rated	✓	✓	✓	✓
2PRONV31C (Acetate lens)		Clear	Non vented clear	EN 166 EN 170	2C	1.2	1	F	T	MistResist+	MistResist+ N Rated	✓	✓	✓	

COSMOS™

Cosmos™ features a panoramic lens offering a wide field of vision and compatibility with prescription (RX) eyewear. Indirect ventilation enables airflow, helping to increase comfort and prevent misting.

COSMOS™ SPECIFICATIONS

Goggle: EN 166
Lens: Standard as listed below

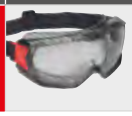
Product Code	Product Reference	Lens Colour	Frame	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating	Liquid droplets	Large dust particles (>5 microns)	Gases and fine dust particles (<5 microns)	Molten metals and hot solids
2COS23C		Clear	Clear & Blue	EN 166	2	1.2	1	B	T	premier SHIELD K Rated	premier SHIELD N Rated	✓			✓

STONE™

The Stone™ goggle provides complete protection with indirect ventilation and a wide adjustable elasticated strap for added comfort. Compatible with prescription (RX) eyewear.

STONE™ SPECIFICATIONS

Goggle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating	Liquid droplets	Large dust particles (>5 microns)	Gases and fine dust particles (<5 microns)	Molten metals and hot solids
2STONEV23C		Clear	Opaque Grey	EN 166 EN 170	2C	1.2	1	B		MistResist	MistResist ✓	✓	✓		

ATLANTIC™

The Atlantic™ goggle features a wide angle panoramic lens with adjustable elasticated headband and indirect ventilation for enhanced comfort.

ATLANTIC™ SPECIFICATIONS

Goggle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating	Liquid droplets	Large dust particles (>5 microns)	Gases and fine dust particles (<5 microns)	Molten metals and hot solids
AGN020-441-300		Clear	Clear	EN 166 EN 170	2C	1.2	1	B	T	MistResist™	✓	✓	✓		✓

MARTCARE® DV & IDV SAFETY GOGGLE

A compact and lightweight cost-effective goggle with polycarbonate lens and PVC frame. Available with direct or indirect ventilation.

MARTCARE® DV & IDV SPECIFICATIONS

Goggle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating	Liquid droplets	Large dust particles (>5 microns)	Gases and fine dust particles (<5 microns)	Molten metals and hot solids
AGC010-301-300		Clear	DV Clear	EN 166			1	B		HARDIA™ ✓					
AGC021-201-300		Clear	IDV Clear	EN 166 EN 170	2	1.2	1	B		MistResist™	✓	✓	✓		
AGC020-301-300		Clear	IDV Clear	EN 166 EN 170	2	1.2	1	B		HARDIA™ ✓		✓	✓		

JUNIOR IDV SAFETY GOGGLE

The Junior Indirect Vent goggle is designed to offer a great fit for smaller faces.

JUNIOR IDV SPECIFICATIONS

Goggle: EN 166
Lens: Standard as listed below

Product Code	Product Reference	Lens Colour	Frame	Product Standard	Lens shade markings	Visible light transmission	Optical class (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch coating	Anti-mist coating	Liquid droplets	Large dust particles (>5 microns)	Gases and fine dust particles (<5 microns)	Molten metals and hot solids	Designed to suit small heads
AGT020-141-300		Clear	IDV Clear	EN 166 EN 170	2C	1.2	1	B		MistResist™	✓	✓	✓			✓ H Rated

EVOGuard®C INDUSTRIAL BROWGUARD SYSTEM

The EVOGuard®C Industrial browguard system offers a host of features designed in-house by the JSP R&D team. Developed over three years, EVOGuard® maximises compatibility for optimum comfort and protection levels with simple, effortless maintenance.

EVOGuard®C2 INDUSTRIAL BROWGUARD SYSTEM

EN 166, EN 170, EN 352-3

ADB28A-100-400	EVOGuard®C2 Industrial Browguard System

EVOGUARD®C INDUSTRIAL BROWGUARD

ADB280-000-400	EVOGuard®C Industrial Browguard

EVOGuard®C INDUSTRIAL VISOR RANGE

Five high-performance industrial visors are available, enabling users to select the perfect option for their task and price point. Visors are fully compatible with the EVOGuard® browguard systems and EVO® helmets.

Available for:

VISOR SPECIFICATIONS

		EN 170	EN 166								*GS-ET-29					
		2C - 1. 2 - UV Filter with Enhanced Colour Recognition	A - High Energy Impact (190m/s)	B - Medium Energy Impact (120m/s)	T - High Speed Particles at Extreme Temperatures	1 - Optical Class	3 - Liquid Droplets & Splash	9 - Molten Metals	K - Anti-Scratch	N - Anti-Mist	8 - Short Circuit Electric Arc	1 - Fault Arc Class	0 - Visible Light Transmittance	Increased Chemical Resistance	Visor Material	Weight (g)
EVOGUARD C1 ADA240-060-000	Visor Length 185mm 7.5"	✓	HM	BM	✓	✓	✓								Polycarbonate Clear Visor	185g
EVOGUARD C2 ADA250-060-000		✓	HM	BM	✓	✓	✓	✓	premier SHIELD™ K Rated	N Rated					Polycarbonate Clear Visor	185g
EVOGUARD C3 Max ADA260-070-000 ADA260-070-00C EVO® VISTA® Compatible	Visor Length 215mm 8.5"	✓		BM & HM	✓	✓	✓							✓	Co-Polyester Clear Visor	232g
EVOGUARD C4 Max ADA270-070-000 ADA270-070-00C EVO® VISTA® Compatible		✓	HM	BM	✓	✓	✓	✓	premier SHIELD™ K Rated	N Rated					Polycarbonate Clear Visor	216g
EVOGUARD C5 Max ADA280-070-000 ADA280-070-00C EVO® VISTA® Compatible		✓	HM	BM	✓	✓	✓	✓	premier SHIELD™ K Rated	N Rated	✓	✓*	✓*		Polycarbonate Clear Visor	216g

HM = Helmet mounted. BM = Browguard mounted *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.

EVOGuard®M FORESTRY HELMET SYSTEMS

The EVOGuard®M Forestry Helmet System combines the robust EVO®5 safety helmet with an EVOGuard®M high-performance forestry visor and Sonis® Compact ear defenders, offering certified-compatible head, eye, face and hearing protection.

EVOGuard® M2 FORESTRY HELMET SYSTEM

EN 397, EN 166, EN 1731, EN 352-3

AKE24A-400-800	EVOGuard® M2 Forestry System

EVOGuard® M3 FORESTRY HELMET SYSTEM

EN 397, EN 166, EN 1731, EN 352-3

AKE24A-500-800	EVOGuard® M3 Forestry System

EVOGuard®M FORESTRY BROWGUARD SYSTEMS

The EVOGuard®M Forestry browguard system and replacement forestry visors offer a host of features designed in-house by the JSP R&D team. Developed over three years, EVOGuard® maximises compatibility for optimum comfort and protection levels with simple, effortless maintenance.

EVOGuard® M2 FORESTRY BROWGUARD SYSTEM

EN 166, EN 170, EN 1731, EN 352-3

ADB28A-300-800	EVOGuard® M2 Forestry Browguard System
ADB280-000-800	EVOGuard® M Forestry Browguard only

EVOGuard® M3 FORESTRY BROWGUARD SYSTEM

EN 166, EN 170, EN 1731, EN 352-3

ADB28A-400-800	EVOGuard® M3 Forestry Browguard System
ADB280-000-800	EVOGuard® M Forestry Browguard only

EVOGuard®M FORESTRY VISOR RANGE

Three high-performance forestry visors are available, enabling users to select the perfect option for their task and price point. Visors are fully compatible with the EVOGuard® browguard systems and EVO® helmets.

VISOR SPECIFICATIONS

Available for:

		EN 1731	S - Increased Robustness	F - Low Energy Impact (45m/s)	Frame Material	Visible Light Transmittance	Visor Material	Weight (g)
EVOGuard M1 ADA290-080-000	Visor Length 180mm 7.4"	✓	S		ABS Overmoulded frame	V.L.T 65%	Woven Nylon Mesh	65g
EVOGuard M2 ADA300-080-000	Visor Length 180mm 7.4"	✓	S		ABS Overmoulded frame	V.L.T 70%	Woven Stainless Steel Mesh	75g
EVOGuard M3 ADA310-080-000 EVO® VISTA® Compatible	Visor Length 180mm 7.4"	✓		F	ABS Overmoulded frame	V.L.T 80%	Etched Stainless Steel Mesh	86g

AFP-25 FACESHIELD - ARC FLASH PROTECTION

Designed to provide the ultimate in industrial-grade arc flash eye and face protection, the AFP-25 faceshield meets GS-ET-29 Class 2 with an ATPV rating of 25cal/cm² under ASTM F2178.

Available for:

AFP-25 HELMET MOUNTED FACESHIELD

EN 166, EN 170, GS-ET-29

AFF122-440-408	AFP-25 Helmet Mounted Faceshield

Available for:

AFP-25 HELMET MOUNTED FACESHIELD

With weight balancing system

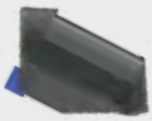
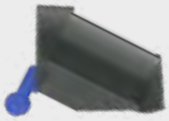
EN 166, EN 170, GS-ET-29

WEIGHT BALANCING SYSTEM

AFF132-440-408	AFP-25 Helmet Mounted Faceshield with weight balancing system

Should be worn as part of a complete arc flash ensemble.

FACESHIELD PROPERTIES

		EN 170	EN 166				*GS-ET-29									
		2C - 2 - UV Filter with Enhanced Colour Recognition	B - Medium Energy Impact (120m/s)	1 - Optical Class	K - Anti-Scratch	8 - Short Circuit Electric Arc Class	8 - Short Circuit Electric Arc Class	2 - Fault Arc Class	2 - Visible Light Transmittance	Weight Balancing System	Integrated Browguard	Integrated Chinguard	Side Plates	Visor Material	Visor Thickness	Weight (g)
AFF122-440-408 (AFP-25 Faceshield)		UV	HM*	1	HARDIA ✓						✓	✓	✓	Polycarbonate Visor	2.6mm	465g
AFF132-440-408 (AFP-25 with Weight Balancing System)		UV	HM*	1	HARDIA ✓					✓	✓	✓	✓	Polycarbonate Visor	2.6mm	497g

*AFF122-440-408 is compatible and certified for use with JSP EVO® range of helmets. AFF132-440-408 is compatible and certified for use with JSP EVO®5 helmets.

EVOGuard® C5 MAX ELECTRICAL HELMET SYSTEM

The EVOGuard® C5 MAX Helmet System combines the EVO®5 Olympus® global industrial safety helmet with the EVOGuard® C5 MAX visor, offering Class 1 arc protection. The panoramic visor provides A-rated impact resistance, UV filtering and K&N anti-scratch, anti-mist properties.

EVOGuard® C5 MAX ELECTRICAL HELMET SYSTEM

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

EN 50365 ELECTRICAL PROTECTION TO 1000V

AKE24C-600-100	EVOGuard®C5 MAX Electrical Helmet System

Should be worn as part of a complete arc flash ensemble.

VISOR SPECIFICATIONS

			EN 170	EN 166								*GS-ET-29				
			2C - 1, 2 - UV Filter with Enhanced Colour Recognition	A - High Energy Impact (190m/s)	B - Medium Energy Impact (120m/s)	T - High Speed Particles at Extremes of Temperature	1 - Optical Class	3 - Liquid Droplets & Splash	9 - Molten Metals	K - Anti-Scratch	N - Anti-Mist	8 - Short Circuit Electric Arc	1 - Fault Arc Class	0 - Visible Light Transmittance	Visor Material	Weight (g)
EVOGUARD C5 Max ADA280-070-000	Visor Length: 215mm 8.5"		UV	HM	BM		1			premier SHIELD ✓ (K Rated)	✓ (N Rated)				Polycarbonate Clear Visor	216g

HM = Helmet mounted. BM = Browguard mounted *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.

COBRA® WELDING, GRINDING FACESHIELD

The Cobra® welding visor features an auto-darkening filter (shades 9-13) and quick change anti-splatter screen, available with adjustable browguard or helmet-mounted for use with EVOLite®.

COBRA® FACESHIELD

EN 175, EN 379, EN 166

AFD230-001-100	Cobra® Welding Visor - DIN 9-13
AFX230-001-100	Cobra® Welding Visor for EVO® helmets - DIN 9-13

EVOLITE® SAFETY HELMET WITH COBRA® WELDING VISOR

EN 397, EN 175, EN 379, EN 166

AFY230-000-100	Cobra® welding visor DIN 9-13 with EVOLite® mid peak wheel vented

FACESHIELD PROPERTIES

	EN 166											
	B - Medium Energy Impact (120m/s)	1 - Optical Class	3 - Liquid Droplets & Splash	9 - Molten Metals	Adjustable Browguard	Wheel ratchet adjustment	Integrated Browguard	Visor Material	Width	Height	Length	Weight (g)
AFD230-001-100 (Cobra® Faceshield)	B	1	3	9	✓	✓	✓	ABS Overmoulded frame	270mm	340mm	300mm	340g
AFY230-000-100 (EVOLite® Safety Helmet with Cobra® Welding Visor)	B	1	3	9	✓	✓	✓	ABS Overmoulded frame	270mm	365mm	300mm	668g

MARTCARE® FACESHIELD

Grey browguard with polycarbonate visor, wheel ratchet adjustment and comfort pad.

MARTCARE® PREMIUM FACESHIELD

AFP061-230-400	Martcare® Premium Faceshield with 20cm Polycarbonate Visor

EN 166											
B - Medium Energy Impact (120m/s)	1 - Optical Class	3 - Liquid Droplets & Splash	9 - Molten metals and hot solids	Adjustable Browguard	Wheel ratchet adjustment	Integrated Browguard	Visor Material	Width	Height	Length	Weight (g)
B	1	3	9	✓	✓	✓	Polycarbonate Clear Visor	215mm	117mm	384mm	465g

EYE & FACE ACCESSORIES

A range of accessories including storage solutions designed to prevent damage. RX kits integrate prescription lenses, improving compatibility without the need for bespoke prescription safety eyewear. Strap and lens kits optimise protection for different applications.

STORAGE

Code	Product	Image
ASU120-001-100	Zipped soft spectacle case	
ASU150-001-100	Zipped hard spectacle case	
ASU080-000-000	Hanging spectacle holder	

Code	Product	Image
ASU100-001-100	Black microfibre spectacle bag	
AGU020-001-100	Black microfibre goggle bag	

ATTACHMENTS & REPLACEMENT PARTS

Code	Product	Image
AST000-000-000	RX modular prescription kit to fit Force®10 / EVO® Goggle / Maxview™/ Filterspec® Pro	
ASU010-000-000	Panorama spectacle cord loop fitting - black	
4EIGBST	Foam gasket & strap kit for Eiger™ safety specs	

Code	Product	Image
ASB450-051-300	Stealth™ Hybrid replacement clear PremierShield™ KN	
ASB450-0A3-000	Stealth™ Hybrid replacement smoke PremierShield™ KN	
ADB800-000-300	Replacement EVOGuard® Browguard Extended Sweatband - Pack of 1	

DISPLAY STANDS

Code	Product	Image
VAS060-000-100	JSP spectacle display stand complete with mirror (holds 5)	

Code	Product	Image
VAS060-000-000	JSP spectacle display stand (holds 5)	

USE CLEAN REPEAT

Keeping PPE clean is crucial for hygiene and protection. Unclean equipment can cause irritation for the wearer and may not be able to perform at the intended level. Following the proper cleaning and maintenance procedures maximises usage life, allowing PPE to be reused for longer.

JSP offer a range of non-abrasive, alcohol-free cleaning products, designed to enable easy maintenance and protect your PPE.

LENS & PPE CLEANING STATION

Wall mounted Lens and PPE Cleaning Station including 4 boxes of 280 tissues and 1 bottle of cleaning spray. All items can be replaced and refitted in the cleaning station which helps to keep all necessary equipment contained and in one place.

ASU200-000-200	Complete with 4x boxes of 280 tissues, 1x500ml cleaning fluid, label & mirror

TISSUES

Each box contains 280 tissues that are low lint, soft, non-abrasive and absorbent for easy cleaning. Use with cleaning spray for best results.

ASU200-000-300	Box of 280 multi function cleaning tissues

WIPES

100 alcohol-free PPE cleaning wipe sachets suitable for a range of JSP PPE, including safety spectacles, goggles, faceshields, reusable half and full face masks, and ear defenders.

ASU200-000-100	Box of 100 pre-moistened lens and PPE wipes

CLEANING SPRAY

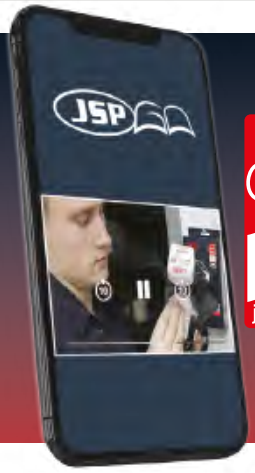
Anti-bacterial, anti-static spray cleaning fluid. Alcohol- and silicone-free.

ASU200-000-400	500ml bottle of lens and PPE cleaning fluid

JSP

GUIDES ONLINE

Digital user guides and tutorial videos demonstrate how to fit and maintain products correctly.



jspgo.com

JSP LOGO EXPRESS®

STEALTH™ 9000 BRANDING

1 SELECT EYEWEAR COLOUR

Choose the colours for your Stealth™ 9000 and where you want your logo to be printed using the table opposite.

2 SUPPLY ARTWORK

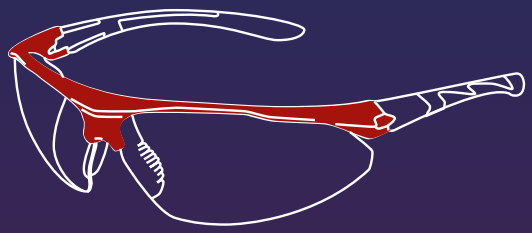
Email logo design artwork and pantone reference number to logos@jspsafety.com, preferably Adobe Illustrator .ai or .eps files as well as a JPEG file. Other file types are accepted, however these may incur additional set-up charges.

3 APPROVE PROOFS

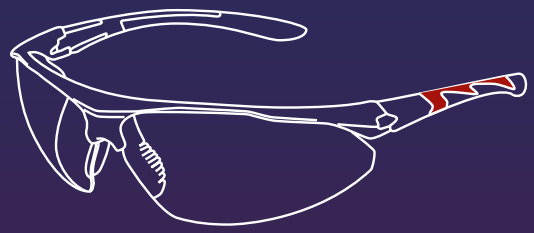
JSP will provide colour proofs via email. Confirm your order by contacting logos@jspsafety.com, alternatively state any amendments that you require. Minimum order quantities apply*.

For delivery lead-times, Minimum Order Quantities and other supply related terms and conditions, please visit www.jspsafety.com or contact JSP Customer Service.

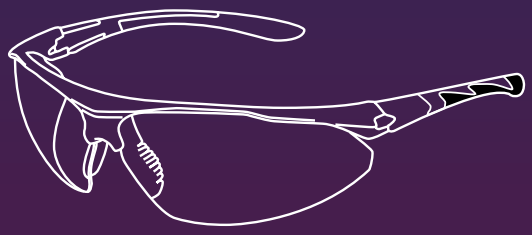
JSP LOGO EXPRESS®



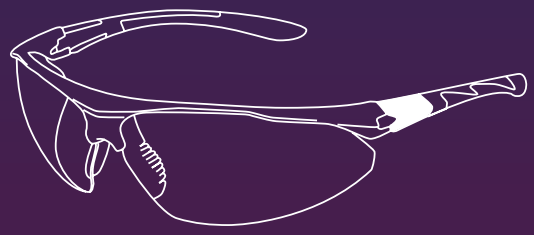
FRAME COLOUR



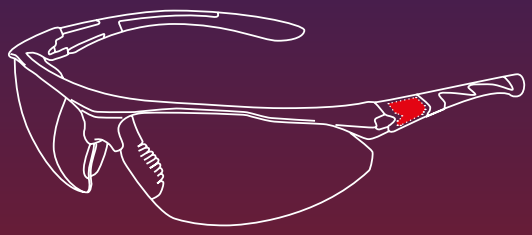
ARM COLOUR



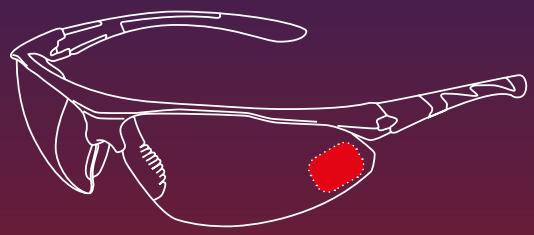
ARM GRIP COLOUR



TEMPLE CLIP COLOUR

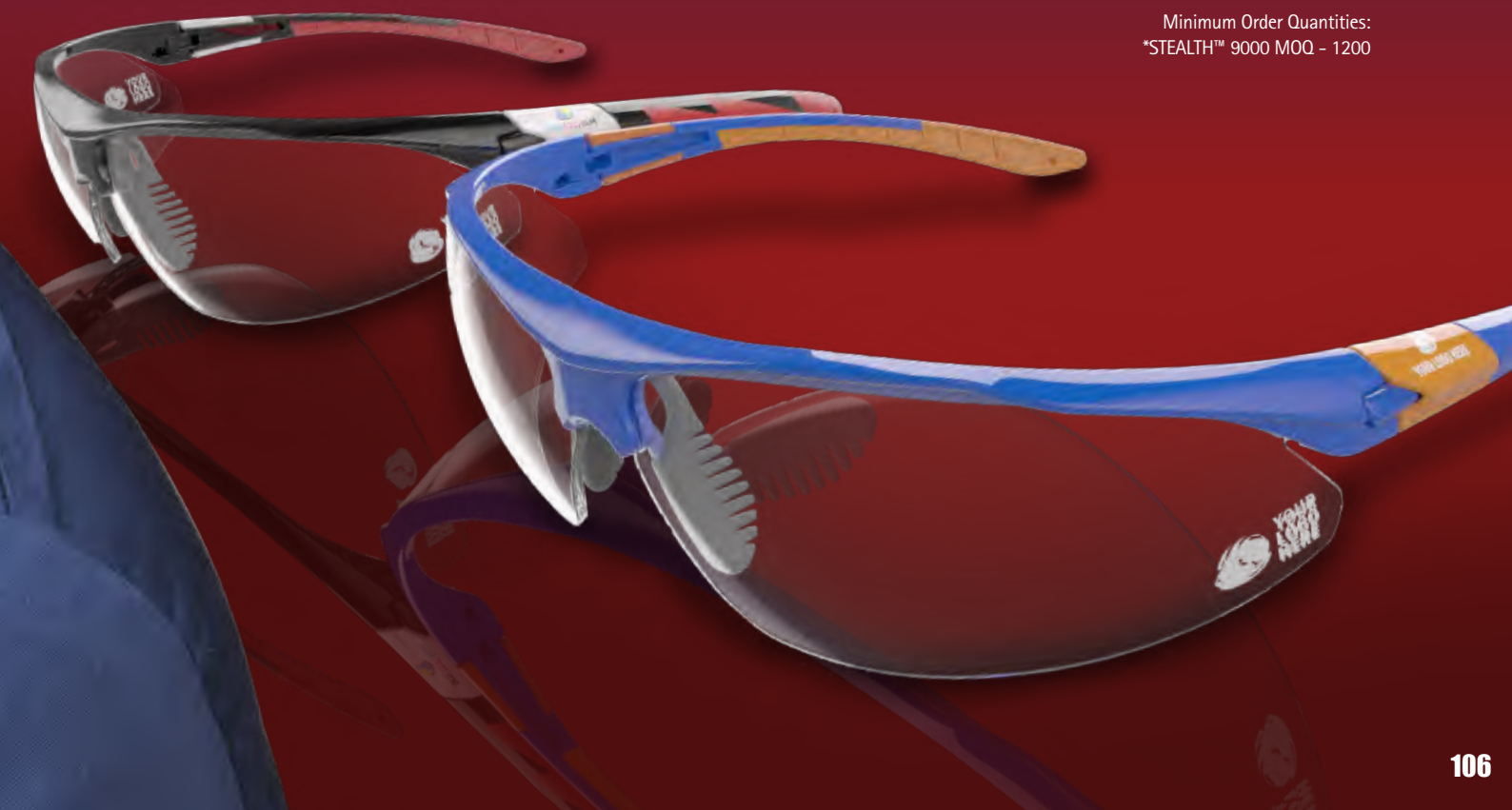


BRAND THE TEMPLE



BRAND THE LENS

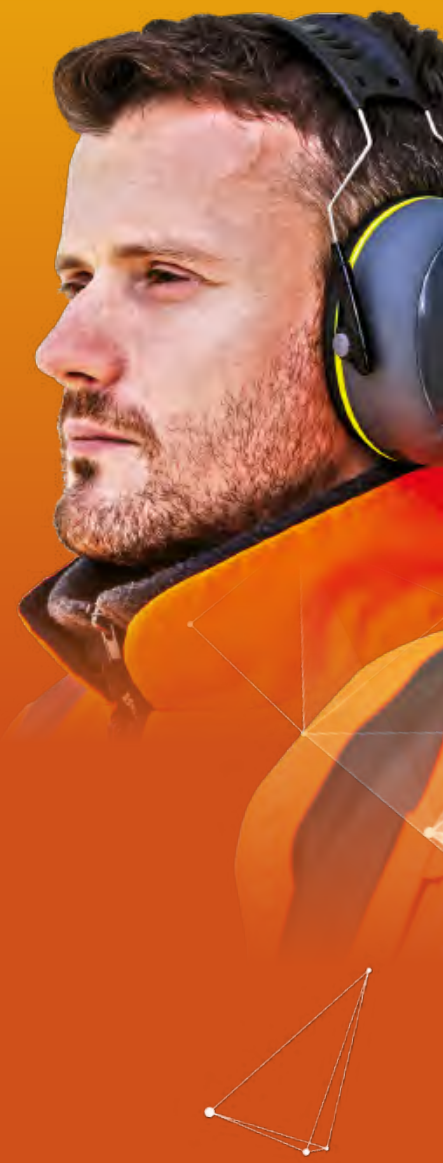
Minimum Order Quantities:
*STEALTH™ 9000 MOQ - 1200



HEARING PROTECTION

Noise poses a hazard to workers across many industries, risking irreversible health conditions such as tinnitus and hearing loss. We are committed to helping workplaces tackle harmful noise.

JSP design and manufacture high-quality hearing protection, leading the industry with the first range of hearing protective equipment assured by the BSI Kitemark™ scheme. The JSP R&D team work with independent test houses and research facilities to develop innovative noise solutions that perform at the highest levels. State-of-the-art in-house test equipment is used to assess products and support ongoing development. Compatible, customisable options with a wide range of attenuation offer high-performance hearing protection for every site.



sonis
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EAR DEFENDER SELECTION

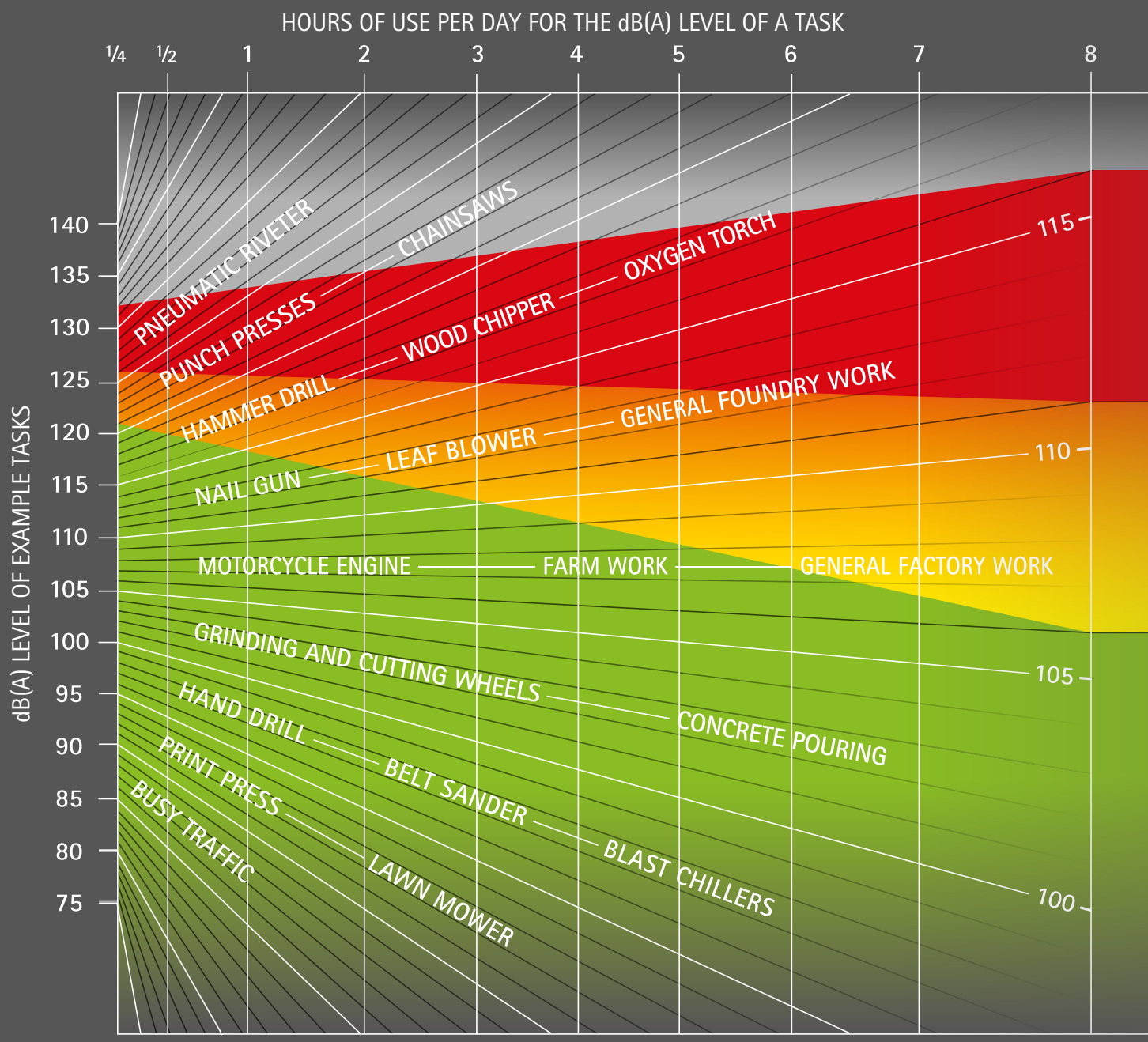
WHAT IS SNR?
Hearing protection is given a Single Number Rating (SNR). The SNR is a general means of comparing the protection levels of different ear defenders.

EXPOSURE LEVEL
The aim when selecting suitable hearing protection is to achieve an average exposure level of 80dB for the wearer.

EXPOSURE TIME
The amount of time spent in a loud environment can determine which level of protection is required but generally it is based on an 8hr working day.

OVERPROTECTION
It should be understood that the highest SNR value is not always the most suitable. It is possible to over protect by preventing the wearer from hearing important sounds such as warning signals or approaching vehicles.

MAKE SELECTION
To calculate the required noise reduction and select the appropriate protection it is necessary to follow the simple steps to the right:



This chart uses decibel levels of work place environments and has example tasks to give an idea of real world sound levels. It includes the amount of time that you could potentially spend in a particular environment. This chart is for general guidance only and should not be considered a substitute for a full risk assessment.

80dB - Desired average exposure level for the wearer

Measure working environment sound level	Example: 116dB
Subtract average exposure level from working sound level	116dB - 80dB
Resultant Required Noise Reduction (RNR)	= RNR of 36
Select ear defender with a SNR closest to the RNR calculation	= Sonis®3 headband SNR 37

112-117dB HIGH ATTENUATION

SONIS 3 — SNR 37

SONIS 3 — SNR 36

SONIS

107-112dB MEDIUM ATTENUATION

SONIS C COMPACT — SNR 32

SONIS C COMPACT — SNR 31

SONIS 2 — SNR 31dB

80-107dB LOW ATTENUATION

SONIS 1 — SNR 27

SONIS 1 — SNR 26

"The Kitemark™ is the ultimate accreditation of quality - it is evidence that ALL production is ongoing batch tested to the relevant EN Standard which is then audited and verified by the British Standard Institution."

bsi Protective Hearing Equipment KITEMARK™

SONIS® HEADBAND EAR DEFENDERS

Working with a leading acoustics research facility, JSP R&D developed an ear defender range that peaks at an unbeaten 37dB SNR. Sonis® ear defenders are fully adjustable with a ventilated comfort headband. Cups can be produced in custom colours and printed with a company logo. Find out more about customisation options on page 115.

SONIS® 1 HEADBAND EAR DEFENDERS

EN 352-1, SNR=27

SNR 27

Frequency (Hz)	H = 31	M = 24	L = 16
			SNR=27

AEB010-0AY-800	Sonis®1 Headband Ear Defenders
AEB800-000-300	Sonis®1 hygiene kit

SONIS® 2 HEADBAND EAR DEFENDERS

EN 352-1, SNR=31

SNR 31

Frequency (Hz)	H = 34	M = 29	L = 21
			SNR=31

AEB020-0AY-900	Sonis®2 Headband Ear Defenders
AEB810-000-200	Sonis®2 hygiene kit

SONIS® COMPACT HEADBAND EAR DEFENDERS

EN 352-1, SNR=32

SNR 32

Frequency (Hz)	H = 35	M = 29	L = 21
			SNR=32

AEB030-0AY-000	Sonis®C Headband Ear Defenders
AEB820-000-800	Sonis®C hygiene kit

SONIS® 3 HEADBAND EAR DEFENDERS

EN 352-1, SNR=37

SNR 37

Frequency (Hz)	H = 37	M = 35	L = 27
			SNR=37

AEB040-0A1-A00	Sonis®3 Headband Ear Defenders
AEB830-000-600	Sonis®3 hygiene kit

		HEADBAND
EN STANDARD		EN 352-1
WEIGHT	Sonis®1	210g +/-5g
	Sonis®2	259g +/-5g
	Sonis®C	230g +/-5g
	Sonis®3	358g +/-5g
MATERIALS	Cups/Plate	ABS
	Attachment arm	Steel, acetal & nylon
	Headband	Acetal, Steel, TPE
	Sealing ring	PET-G plate, TPU skin, foamed polymer
	Inner foam	Polyurethane foam

SONIS® MOUNTED EAR DEFENDERS

Sonis® Mounted ear defenders offer certified compatibility with JSP EVO® helmets and EVOGuard® browguards. The fully adjustable adaptors are designed to fit with a range of visor systems for combined protection. Sonis® cups can be produced in custom colours and printed with a company logo. Find out more about customisation options on page 115.

Certified compatible with:

SONIS® 1 MOUNTED EAR DEFENDERS

EN 352-3, SNR=26

SNR 26

Frequency (Hz)	H = 32	M = 23	L = 15
			SNR=26

AEB010-0CY-800	Sonis®1 Mounted Ear Defenders
AEB800-000-300	Sonis®1 hygiene kit

Certified compatible with:

SONIS® COMPACT MOUNTED EAR DEFENDERS

EN 352-3, SNR=31

SNR 31

Frequency (Hz)	H = 35	M = 28	L = 20
			SNR=31

AEB030-0CY-000	Sonis®C Mounted Ear Defenders
AEB820-000-800	Sonis®C hygiene kit

Certified compatible with:

SONIS® COMPACT FULL BRIM MOUNTED EAR DEFENDERS

EN 352-3, SNR=31

SNR 31

Frequency (Hz)	H = 35	M = 28	L = 20
			SNR=31

AEB030-0DY-000	Sonis®C Full Brim Mounted Ear Defenders
AEB820-000-800	Sonis®C hygiene kit

Certified compatible with:

SONIS® 3 MOUNTED EAR DEFENDERS

EN 352-3, SNR=36

SNR 36

Frequency (Hz)	H = 37	M = 35	L = 26
			SNR=36

AEB040-0C1-A00	Sonis®3 Mounted Ear Defenders
AEB830-000-600	Sonis®3 hygiene kit

		MOUNTED
EN STANDARD		EN 352-3
WEIGHT	Sonis®1	208g +/-5g
	Sonis®C	260g +/-5g
	Sonis®3	380g +/-5g
MATERIALS	Cups/Plate	ABS
	Attachment arm	Steel, acetal & nylon
	Pivot Arm	Acetal, Steel
	Sealing ring	PET-G plate, TPU skin, foamed polymer
	Inner foam	Polyurethane foam

CERTIFIED JSP COMPATIBLE • JSP CERTIFIED COMPATIBLE

Sonis® mounted ear defenders are tested in combination with JSP helmets and the EVOGuard® browguard, ensuring the correct level of hearing protection with each model, for certified compatibility.

SONIS® COMMS EAR DEFENDERS

SONIS® COMMS HEADBAND EAR DEFENDERS WITH BLUETOOTH® WIRELESS TECHNOLOGY

EN 352-1, SNR=34

Frequency (Hz)	H = 34	M = 31	L = 25	SNR = 34
AEB081-5A7-N00	Sonis® Comms Headband Ear Defenders With Bluetooth® Wireless Technology			

SONIS® COMMS HEADBAND EAR DEFENDERS

EN 352-1, SNR=34

Frequency (Hz)	H = 34	M = 31	L = 25	SNR = 34
AEB081-4A8-N00	Sonis® Comms Headband Ear Defenders			

Certified compatible with:

SONIS® COMMS MOUNTED EAR DEFENDERS WITH BLUETOOTH® WIRELESS TECHNOLOGY

EN 352-3, SNR=30

Frequency (Hz)	H = 31	M = 27	L = 19	SNR = 30
AEB081-5C7-N00	Sonis® Comms Mounted Ear Defenders With Bluetooth® Wireless Technology			

Certified compatible with:

SONIS® COMMS MOUNTED EAR DEFENDERS

EN 352-3, SNR=30

Frequency (Hz)	H = 31	M = 27	L = 19	SNR = 30
AEB081-4C8-N00	Sonis® Comms Mounted Ear Defenders			

SPARE PARTS LIST:

AEB081-4A0-100	Headband Unit (white plates) without battery Pack, DMC® control pack or antenna
AEB081-5A0-500	Headband Unit (blue plates) without battery pack, DMC® control pack or antenna
AEB081-4C0-100	PPE Mounting Unit (white plates) without battery pack, DMC® control pack or antenna
AEB081-5C0-500	PPE Mounting Unit (blue plates) without battery pack, DMC® control pack or antenna
AEB081-700-000	USB & jack socket plugs
AEB081-100-000	Lithium ion battery pack
AEB081-300-000	DMC® control pack
AEB081-600-000	Antenna
AEB082-000-000	Sonis® Comms carry case
AEB081-000-000	AAA battery pack
AEB081-200-000	DMC® (bluetooth® & radio version)
AEB850-000-100	Sonis® Comms Hygiene Kit - White Plates
AEB840-000-500	Sonis® Comms Hygiene Kit - Bluetooth® - Blue Plates

EAR DEFENDERS

Headband ear defenders offering a range of attenuation levels. Big Blue™ and J-Muff™ provide economical options with cups that slide and tilt to fit.

BIG BLUE™ EAR DEFENDERS

EN 352-1 SNR=27

Frequency (Hz)	H = 30 M = 24 L = 17
	SNR=27

AEA060-040-500	Big Blue™ Ear Defenders

J-MUFF™ EAR DEFENDERS

EN 352-1 SNR=25

Frequency (Hz)	H = 29 M = 23 L = 15
	SNR=25

AEA000-010-200	J-Muff™ Ear Defenders

EARPLUGS

Reusable, easy-clean silicone earplugs with PVC cord supplied in compact carry case.

MAXIFIT™ PRO WITH CORD

EN 352-2, SNR=32

Frequency (Hz)	H = 32 M = 29 L = 28
	SNR=32

AEE110-060-200	Maxifit™ Pro Earplugs With Cord

Self-adjusting disposable earplugs designed to maximise noise protection and reduce pressure on the ear canal.

SOUNDSTOPPERS™

EN 352-2 SNR=36

Frequency (Hz)	H = 34 M = 34 L = 31
	SNR=36

AEE090-000-200	PU Foam Soundstoppers™ earplugs - 1 pair

BANDED SOUNDSTOPPERS™

Reusable PU foam earplugs designed to be worn banded under the chin, offering maximum comfort with non-invasive design. The lightweight band provides a convenient method to fit and remove the earplugs.

BANDED SOUNDSTOPPERS™

EN 352-2 SNR=20

Frequency (Hz)	H = 25 M = 15 L = 13
	SNR=20

AEE090-070-21X	PU Foam Soundstoppers™ earplugs with black band

JSP LOGO EXPRESS®

CLEAR AND SIMPLE BRANDING

1 SELECT EAR DEFENDER

Choose your ear defender model. Select the correct attenuation level and headband / mounted option.

2 SUPPLY ARTWORK

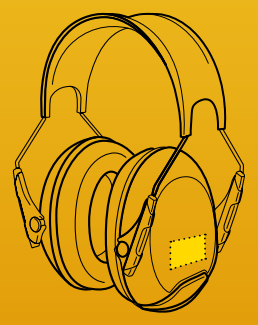
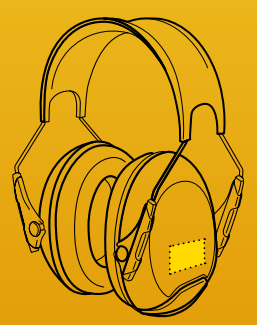
Email logo design artwork to logos@jspsafety.com, preferably Adobe Illustrator .ai or .eps files plus a JPEG. Other file types accepted but may incur additional set-up charges.

3 APPROVE PROOFS

JSP will provide colour proofs via email. Confirm your order or advise any required amendments by contacting logos@jspsafety.com. Minimum order quantities apply.*

For delivery lead-times, Minimum Order Quantities and other supply related terms and conditions, please visit www.jspsafety.com or contact JSP Customer Service.

HEADBAND

SONIS 1	SONIS C COMPACT	SONIS 2	SONIS 3
			
Logo area: 45mm x 25mm			

MOUNTED

SONIS 1	SONIS C COMPACT	SONIS 3
Logo area: 45mm x 25mm		

Minimum Order Quantities: MOQ - 40 on grey or white Sonis® cups, maximum of 4 colours per logo. Please note: location of logo may differ as shown

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www.jspsafety.com sales@jspsafety.com UK tel: +44 (0)1993 826050

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