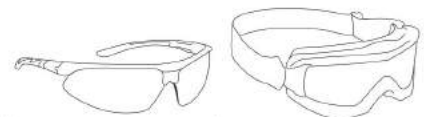


# EYE PROTECTION



## MARKINGS AND APPLICATIONS FOR DIFFERENT TYPES OF EYEWEAR:

This table shows the standards available to different types of eyewear and the types of benefits they provide and environments they are suitable for.

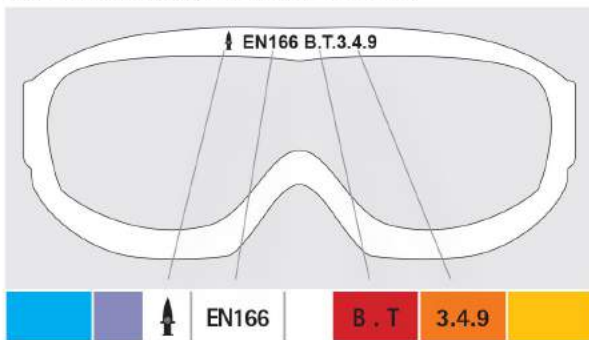


		Spectacle	Goggle
<b>1</b>	All JSP lenses offer the highest standard of clarity (Class 1)	✓	✓
<b>F</b>	Suitable for use with dangers posed by working with hand tools	✓	✓
<b>B</b>	Suitable for use with dangers posed by working with power tools		✓
<b>T</b>	Suitable for working at temperatures between -5°C and +55°C	✓	✓
<b>3</b>	Protection from liquids such as chemicals and acids		✓
<b>4</b>	Protection from dusts found on construction sites or coal, etc		✓
<b>5</b>	Non vented for dusts and fumes from hard woods or brick (silica), etc		✓
<b>8</b>	Suitable for working near potentially hazardous electrics		
<b>9</b>	Suitable for jobs such as welding and grinding		✓
<b>K</b>	Suitable for use where an increased resistance to scratching/abrasion is required	✓	✓
<b>N</b>	Suitable for use when resistance to fogging is required	✓	✓
<b>H</b>	Suitable for men, women and juniors with smaller heads	✓	✓

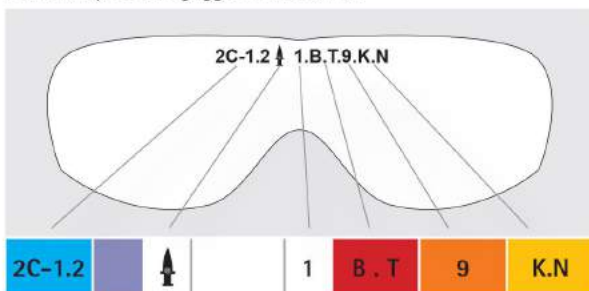


### KEY TO FRAME & OCULAR MARKINGS:

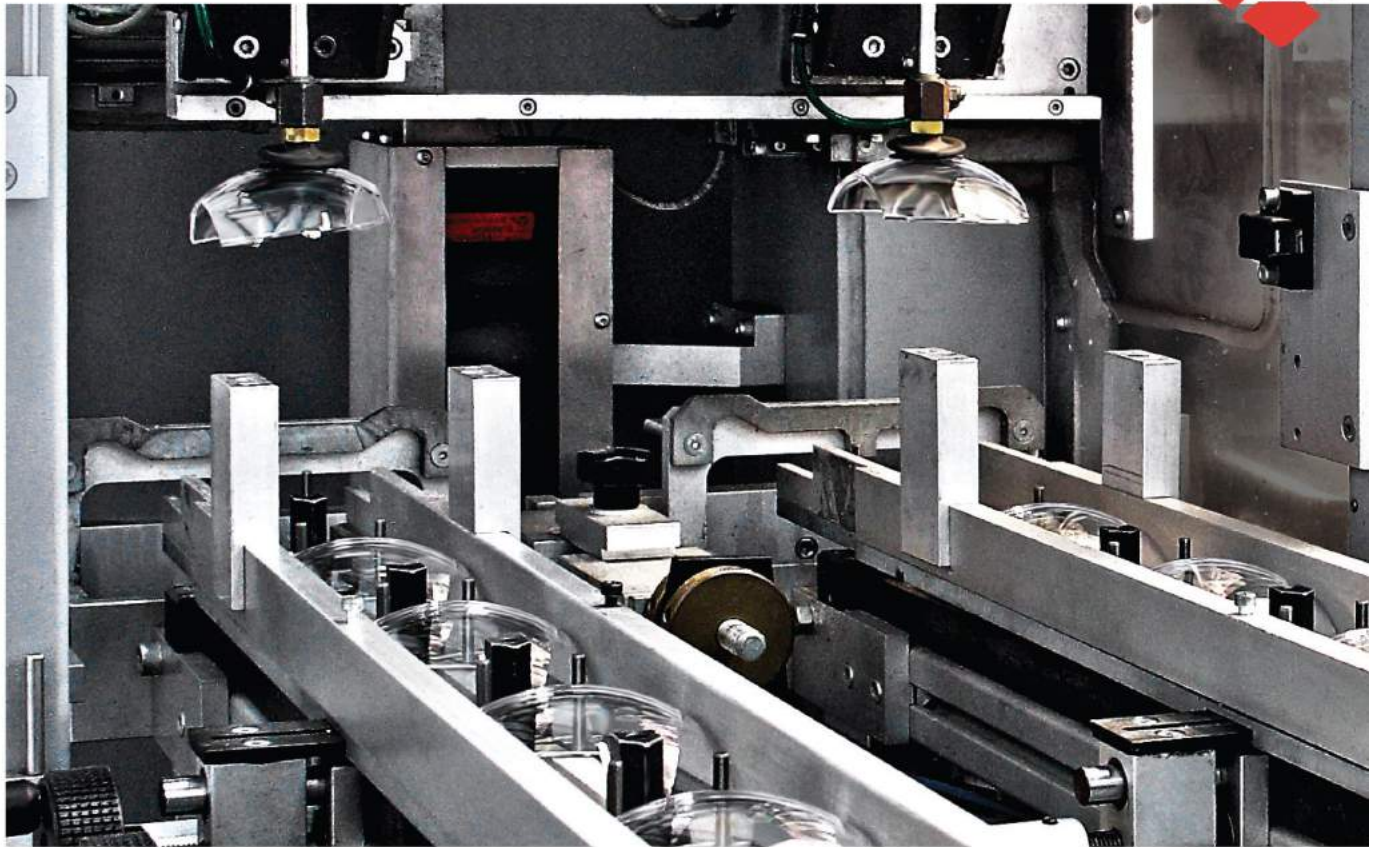
Example markings found on an area of a spectacle frame, goggle housing or faceshield.



Example markings found on the lens of a spectacle, goggle or faceshield.

















2 or 2C- <sub>..</sub>	Ultraviolet filter scale number (C = good colour recognition)	
5- <sub>..</sub>	Sunglare filter performance	
5	For use with acetylene flow of 70 to 200 lt/hr	
	Manufacturers trademark	
EN166	EN Standard referring to strength	
1	Optical quality (1=high, 3=low)	
S	Increased robustness mineral lens	
F	Low energy impact 45 m/s	
B	Medium energy impact 120 m/s	
T	For protection at extremes of temperature	
3	Resistance to liquid droplets	
4	Resistance to large dust particles (up to 5 µm)	
5	Resistance to gas and fine particles (below 5 µm)	
8	Resistance to short circuit electric arc	
9	Resistance to molten metals and hot solids	
K	Resistance to surface damage by fine particles	
N	Anti-mist	
H	Frame suitable for small head (PD=54mm)	



## GUIDE TO LENS SHADES:

A guide to the ideal uses and functions for different shades of lens for a safety eyewear product.

Marking	Light Transmission Value (LTV)	Lens Shade	UV Protection	Functions and Suitable Uses
2-1.2	74.4% - 100%	Clear 		Suitable for use in good visibility conditions.
2C-1.2	74.4% - 100%			
5-1.4	58.1% - 74.4%	Indoor / Outdoor 		Reduces dazzling and harmful effects of blue light. Ideal when moving between light and dark areas.
5-1.7	48% - 56%			
5-2.5	17.8% - 29.1%	Mid Smoke 		Crisp optics and glare protection whilst providing true colour recognition.
5-3.1	8.5% - 17.8%	Smoke 		For direct sunlight and bright glare conditions.
5-2.5	17.8% - 29.1%	Blue Mirror 		Ideal protection against sun glare as it reflects solar rays before filtering UV.
5-3.1	8.5% - 17.8%	Polarised 		Stops horizontal reflections, eliminating glare. Ideal for driving Et working around water.
2-1.2	74.4% - 100%	Yellow 		Offers sharpness, acuity and contrast. Primary function is to block blue light.



## GUIDE TO LENS COATINGS:

JSP eyewear lens coatings have been specially developed to provide the best protection from abrasive scratches and misting. Our coating technologies have been developed over

many years to provide unrivalled performance. The relevant symbol for each coating type can be found next to the eyewear details:

Coating	Description	Symbol
	<b>PremierShield™ anti-mist &amp; anti-scratch coating conforming to EN166</b> A permanent coating from JSP that has passed EN166 testing for K (anti-scratch) and N (anti-mist). The coating thickness is typically >8µm and outperforms the CE standard for anti-mist by over four times. The environmentally friendly water based coating material does not weaken the polycarbonate during the coating process and actually increases its impact resistance. The coating is also anti-static.	
	<b>Hardia+™ anti-scratch coating conforming to EN166</b> A permanent coating that was developed to offer extreme scratch protection to polycarbonate eyewear. The coating exceeds the requirements of EN166 testing for K (scratch-resistance).	
	<b>MistResist+™ anti-mist coating EN166</b> A permanent coating that has passed EN166 testing for N (anti-mist) and provides excellent performance. The coating also provides a high level of scratch-resistance and is also anti-static.	
	<b>Hardia™ scratch-resistant coating</b> An entry level hard coating that provides good scratch-resistance at an economical price.	
	<b>MistResist™ anti-mist coating</b> An entry level coating that provides anti-mist protection at an economical price. The coating also provides a medium level of scratch-resistance and is also anti-static.	

# STEALTH™ 9000

## HIGH PERFORMANCE WITH ADDED CUSTOMISATION

STEALTH  
9000



Tested to resist the impact of a 6mm (1/4") steel ball fired at 100mph (160kph) at the lens. Premium comfort and performance, Stealth™ 9000 is our most popular choice for all day wear.



For full customisation options please see next page.

Full range of  
eyewear accessories



available at [www.jsp.co.uk](http://www.jsp.co.uk)



### ✓ QUALITY LENS

A lightweight safety spectacle, weighing just 25g. Features a wraparound 9.75 base curve Optical Class 1 polycarbonate lens precision cut for zero distortion.



### ✓ COMFORT TEMPLES

The slim stylish temples have been co-injection moulded with soft rubber to increase grip and provide excellent comfort levels.



### ✓ COMFORT NOSE BRIDGE

Built-in adjustable PVC nose piece for added comfort and stability. It rotates, as well as flexes, and adjusts to fit the shape of the nose.



**✓ POLARISED LENS VERSION**

The Optical Class 1 lenses are polarised to stop horizontal glare, protecting against eyestrain whilst offering a better perception of contrast in bright environments. Ideal for outdoor applications around reflective surfaces (water/offshore/ports/driving).

**STEALTH™ 9000**

Spectacle: EN166  
Lens: Standard as listed below



Ultraviolet filter scale number	Sunglare filter performance	Optical quality (1=high, 3=low)	Low energy impact 45 m/s	Anti-scratch	Anti-mist	Anti-mist & Anti-scratch	Hard coated
UV	☀	1	●	⊕	M+	⊕	⊕

ASA770-15N-800		Frame: Blue/orange Lens: Clear	EN166 EN170	2C-1.2	1	F	K	N	K+N	Qty 10
ASA770-16R-100		Frame: Blue/orange Lens: Indoor/outdoor	EN166 EN172		5-1.7	1	F			Qty 10
ASA770-15P-900		Frame: Blue/orange Lens: Amber	EN166 EN170	2-1.2	1	F	K	N	K+N	Qty 10
ASA770-15W-900		Frame: Blue/orange Lens: Smoke	EN166 EN172	5-2.5	1	F	K	N	K+N	Qty 10
ASA770-16P-000		Frame: Blue/orange Lens: Smoke blue mirror	EN166 EN172	5-2.5	1	F				Qty 10
ASA770-1CN-800		Frame: Blue/orange Lens: GW5 welding	EN166 EN175		1	F	K			Qty 10

**STEALTH™ 9000 POLARISED**

	UV	☀	1	●	⊕			
ASA770-16X-600		Frame: Black/green Lens: Smoke & polarised	EN166 EN172	5-3.1	1	F	K	Qty 1



## BESPOKE LOGO & COLOURING

Stealth™ 9000 spectacles can be made in a variety of colours and combinations to match your corporate colours, with up to four different colours on each spectacle.





**STEALTH  
9000**

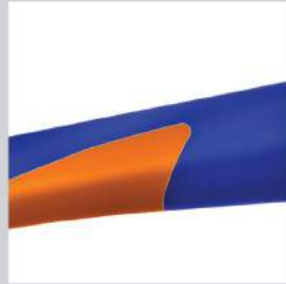
## 1 BESPOKE COLOURING



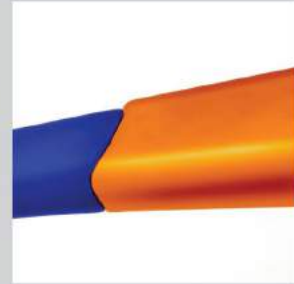
✓ **FRAME COLOUR**



✓ **ARM GRIP COLOUR**



✓ **ARM COLOUR**



✓ **TEMPLE CLIP COLOUR**

The Stealth™ 9000 can be made in any combination of up to four colours in these different areas to allow you to create a spectacle that truly represents your corporate identity and distinguish you from others.

## 2 BESPOKE LOGO PRINTING



✓ **BRAND THE TEMPLE**



✓ **BRAND THE LENS**



✓ **YOUR BESPOKE STEALTH™ 9000**

Send us your logo and we can apply it to the temple and/or to the lens. The preferable format is .ai or .eps. A minimum of 600 pcs is required.

**NEED HELP?**

For any additional help please call: - 01993 826050



# FORCEFLEX™ 3 FLEXIBLE & STRONG

FORCEFLEX FF-3 

Engineered with patented technologies to create flexible high performance eyewear. Our i-Form™ frames perfectly adjust to any head size, eliminating pressure points and providing maximum comfort.



Full range of  
eyewear accessories

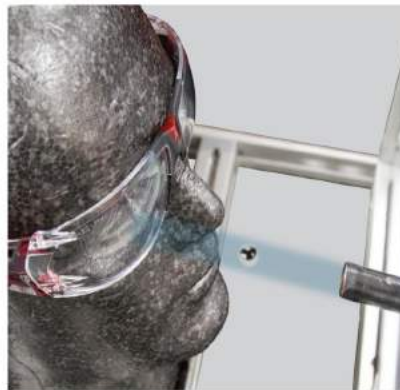


available at [www.jsp.co.uk](http://www.jsp.co.uk)



#### **✓ FLEXIBLE FIT & COMFORT**

Patented i-Form™ frames automatically adjust to any head size and flexible form-fitting arms custom-fit to eliminate pressure points. Soft nose pads provide maximum grip and comfort.



#### **✓ EXTREME PROTECTION**

Conforms to European EN166 standard and also exceeds the highest ballistic standards, including the US military standard MIL-PRF-31013.



#### **✓ DISTORTION FREE LENSES**

T-AXIS™ optics have been engineered for zero distortion across the entire lens. Intrablock™ lens infusion technology provides 100% UVA, UVB and UVC protection.



**DUST DAM ACCESSORY PACK**

Dust dam with elasticated strap provides extra security and an even closer, secure fit even in extreme conditions. The closed cell foam provides comfort whilst resisting unwanted air movement that could carry dust or grit.



**FORCEFLEX™ 3**

Spectacle: EN166  
Lens: Standard as listed below



UV	Sunglare filter performance	Optical quality (1=high, 3=low)	Low energy impact 45 m/s	Anti-scratch	Anti-mist	Anti-mist & Anti-scratch	Hard coated
UV	☀	1	●	⚡	M+	🛡	🏠

Product Code	Image	Frame	Lens	Standards	UV	Sunglare	Optical	Impact	Anti-scratch	Anti-mist	Anti-mist & Anti-scratch	Hard coated	Qty
ASA460-0A7-600		Frame: Red/black	Lens: Clear	EN166 EN170	2C-1.2	1	F	K	N	K+N			Qty 10
ASA460-0AR-600		Frame: Red/black	Lens: Smoke	EN166 EN172		5-2.5	1	F	K	N	K+N		Qty 10
ASA460-051-600		Frame: Red/black	Lens: Amber	EN166 EN170	2-1.2		1	F	K	N	K+N		Qty 10
ASA460-0AM-800		Frame: Blue/black	Lens: Clear	EN166 EN170	2C-1.2		1	F	K	N	K+N		Qty 10
ASA460-0A5-900		Frame: Green/black	Lens: Clear	EN166 EN170	2C-1.2		1	F	K	N	K+N		Qty 10

ASU600-000-000 Forceflex™ 3 dust dam and strap accessory pack Qty 1

# STEALTH™ 8000 ALL DAY COMFORT

STEALTH  
8000



Weighing just 26g with a wraparound 9 base curve polycarbonate lens that has a built in adjustable PVC nose piece for added comfort and stability.



Full range of  
eyewear accessories



available at [www.jsp.co.uk](http://www.jsp.co.uk)



### ✓ COMFORT & GRIP

Built-in soft rubber provides both comfort and grip to the side of the head to keep them secure without irritation.



### ✓ COMFORTABLE NOSE BRIDGE

Built in adjustable PVC nose piece for added comfort and stability. It flexes and adjusts to fit the shape of the nose.



### ✓ SPECTACLE CORD ANCHOR

The temple tips have a spectacle cord anchor point for further practicality, preventing loss or scratching from being put on rough surfaces.



## STEALTH™ 8000

Spectacle: EN166  
Lens: Standard as listed below

### STEALTH™ 8000

				Ultraviolet filter scale number	Sunglare filter performance	Optical quality (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch	Anti-mist	Anti-mist & Anti-Scratch	Anti-mist coated
				UV	☀	1	☑	🌡	🛡+	M+	🛡	M
ASA790-1A1-300		Frame: Clear/red Lens: Clear	EN166 EN170	2C-1.2	1	F	T	K	N	K+N		Qty 10
ASA790-151-300		Frame: Clear/red Lens: Clear	EN166 EN170	2C-1.2	1	F	T				☑	Qty 10
ASA790-161-300		Frame: Clear/red Lens: Clear	EN166 EN170	2C-1.2	1	F	T	K				Qty 10
ASA790-162-900		Frame: Clear/red Lens: Indoor / Outdoor	EN166 EN172		5-1.7	1	F	T	K			Qty 10
ASA790-161-200		Frame: Amber/black Lens: Amber	EN166 EN170	2C-1.2	1	F	T	K				Qty 10
ASA790-166-400		Frame: Smoke/red Lens: Smoke	EN166 EN172		5-2.5	1	F	T	K			Qty 10
ASU220-001-100	Stealth™ 8000 black spectacle cord											Qty 10



# STEALTH™ 16g WORLD'S LIGHTEST

STEALTH  
16g



The world's lightest safety eyewear, weighing just 16g. Ultra thin & strong optically perfect lenses.



**SCAN TO SEE THE VIDEO**  
or view the video at:  
<http://bit.ly/Stealth16g>

Full range of  
eyewear accessories



available at [www.jsp.co.uk](http://www.jsp.co.uk)



### ✓ QUALITY LENS

Dual 9.5 base, ultra thin & ultra strong optically perfect lenses. Because they are so thin they transmit more light than other spectacles improving vision and lowering eye strain.



### ✓ INTEGRAL NOSE BRIDGE

The built-in nose bridge has been designed and shaped to fit most face shapes comfortably and securely.



### ✓ SPECTACLE CORD ANCHOR

The temple tips have a spectacle cord anchor point for further practicality, preventing loss or scratching from being put on rough surfaces.



### STEALTH™ 16g

Spectacle: EN166  
Lens: Standard as listed below

### STEALTH™ 16g

				Ultraviolet filter scale number	Sunglare filter performance	Optical quality (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch	Anti-mist	Anti-mist & Anti-scratch	
				UV	☀	1	⚡	🌡	⚡+	M+	🛡	
ASA920-1A1-300		Frame: Clear Lens: Clear	EN166 EN170	2C-1.2		1	F	T	K	N	K+N	Qty 10
ASA920-161-300		Frame: Clear Lens: Clear	EN166 EN170	2C-1.2		1	F	T	K			Qty 10
ASA920-163-000		Frame: Smoke Lens: Smoke	EN166 EN172		5-2.5	1	F	T	K			Qty 10
ASA920-161-200		Frame: Amber Lens: Amber	EN166 EN170	2-1.2		1	F	T	K			Qty 10

# STEALTH™ 7000 COMFORTABLE FIT

STEALTH  
7000



Popular choice of spectacle, with contour design & flexibility of frame. Provides a good versatile fit onto both smaller & larger faces.



Full range of eyewear accessories



available at [www.jsp.co.uk](http://www.jsp.co.uk)



### COMFORT

Contour design and flexibility of frame gives a good versatile fit onto both smaller and larger faces.

### LENS SHADES

Available in a wide range of practical lens shades for different tasks and environments.

### BRANDING

Your company logo can be tampo printed onto the temples of the Stealth™ 7000.



UV	Sunglare filter performance	Optical quality (1=high, 3=low)	Low energy impact 45 m/s	Protection at extremes of temperature	Anti-scratch	Anti-mist	Suitable for small head (PD=54mm)
----	-----------------------------	---------------------------------	--------------------------	---------------------------------------	--------------	-----------	-----------------------------------

Product Code	Image	Frame / Lens	Standards	UV	Sunglare	Optical	Impact	Temp	Anti-scratch	Anti-mist	Small head	Qty
ASA430-151-300		Frame: Clear Lens: Clear	EN166 EN170	2C-1.2		1	F	T		N		Qty 10
ASA430-021-300		Frame: Clear Lens: Clear	EN166 EN170	2C-1.2		1	F	T	K			Qty 10
ASA430-020-200		Frame: Yellow Lens: Yellow	EN166 EN170	2-1.2		1	F	T	K			Qty 10
ASA430-026-400		Frame: Smoke Lens: Smoke	EN166 EN172		5-2.5	1	F	T	K			Qty 10
ASA430-02K-100		Frame: Smoke Lens: Red Mirror	EN166 EN172		5-3.1	1	F	T				Qty 10
ASA918-321-100		Frame: Clear Lens: Clear	EN166 EN172	2-1.2	5-2.5	1	F		K		H	Qty 10



# STEALTH™ HYBRID PROTECTION COMBINATION

**STEALTH  
HYBRID**

**EYE PROTECTION**

Functions as either a safety spectacle or a safety goggle once the arms have been disconnected & the strap has been attached. Supplied with goggle strap and a set of spectacle arms.

## ADJUSTABLE STRAP & ARMS



## QUICK RELEASE CLIPS



### ✓ ADJUSTABLE ARMS

Spectacle arms can be clipped into the frame to create the safety spectacle. Pantoscopic angle adjustment allows the frame to be angled to offer a customised fit.

### ✓ EVA FOAM SEAL

EVA foam provides comfort on the bridge of the nose and around the eyes whilst providing ventilation.

### ✓ CHANGEABLE LENS

The changeable lens allows users to replace the lens according to different applications.

## STEALTH™ HYBRID

Spectacle/goggle: EN166  
Clear lens: EN170



UV	Sunglare filter performance	Optical quality (1=high, 3=low)	Low energy impact 45 m/s	Medium energy impact 120 m/s	Protection at extremes of temperature	Anti-scratch	Anti-mist	Anti-mist & Anti-scratch
2C-1.2		1	F	B		K	N	K+N

ASA450-151-102



Frame: Black  
Lens: Clear

EN166  
EN170

Qty 10

ASB450-051-300

Stealth™ Hybrid replacement clear lens (KN) Qty 1

ASB450-0A3-000

Stealth™ Hybrid replacement smoke lens (KN) Qty 1

## CYBER™ & CYBER™ RX INSERT

Spectacle: EN166  
Clear lens: EN170



Duo-flex side arms with soft grip pads hold the spectacle comfortably in place. RX Inserts can be fitted to the Cyber™ (full Cyber™ range available at [www.jsp.co.uk](http://www.jsp.co.uk)). Simply take the inserts to an optician, lenses can be made with your prescription to fit the inserts.

ASA660-140-500

Cyber™

Qty 10

ASU210-001-300

Cyber™ RX insert

Qty 10

# THERMEX™ FOG FREE VISION



With polycarbonate on the outside and acetate on the inside, no other goggle on the market offers better resistance to lens fogging.



Full range of  
eyewear accessories



available at [www.jsp.co.uk](http://www.jsp.co.uk)



### ✓ DOUBLE LENS PROTECTION

B grade impact at extreme temperatures tested at -40°C.



### ✓ FOG FREE VISION

The unique Thermex™ Moisture Control Patch works to balance air pressure build-up caused by heat or altitude to ensure distortion free optical class 1 vision.



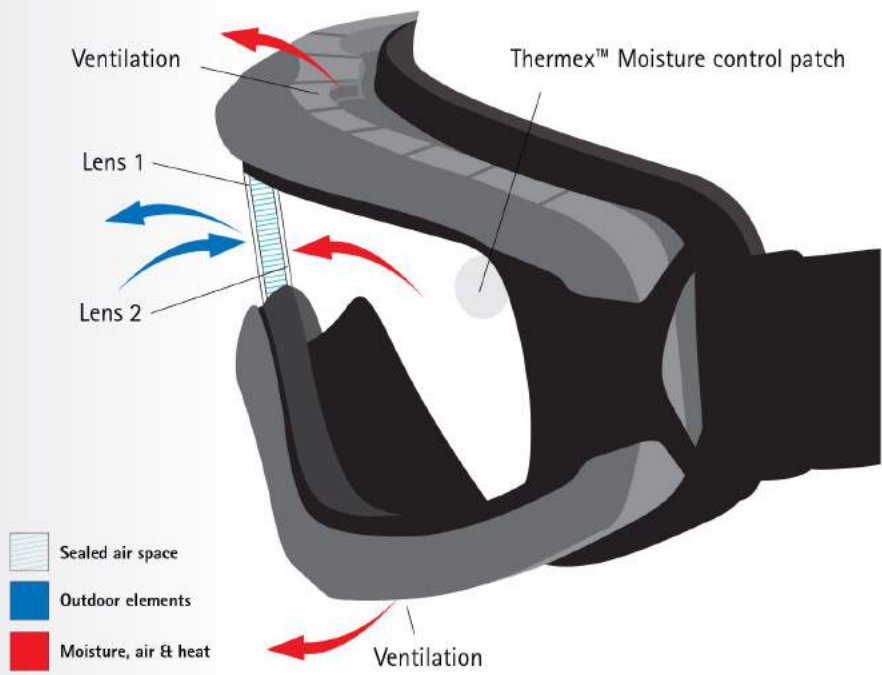
### ✓ COMFORT

NBR foam on the goggle provides a comfortable fitting to a wide range of facial profiles.



# MOISTURE CONTROL

The unique Thermex™ Moisture Control Patch works to balance air pressure build-up caused by heat or altitude. To ensure distortion free optical class 1 vision, our KN coated outside lens and hugely efficient N class inner lens utilises the very latest in anti-mist technology.



**THERMEX™**  
Goggle: EN166  
Clear lens: EN170

UV	Optical quality (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Liquid droplets	Large dust particles (up to 5 µm)	Moisten metals and hot solids	Anti-scratch	Anti-mist	Anti-mist & Anti-scratch
UV	1	B	T	3	4	9	K	N	K+N

AGM020-723-000		Frame: Opaque grey Lens: Clear	EN166 EN170	Qty 1
----------------	--	-----------------------------------	----------------	-------

AGU060-001-300 Peel off covers for Thermex™ lens - 10 pk Qty 1

AGU230-001-300 RX insert for adding prescription lenses Qty 1



# EVO® GOGGLE LOW PROFILE DESIGN



Engineered to offer outstanding performance, compatibility, comfort and looks.

3 versions available:

- ✓ Standard single lens goggle for everyday protection.
- ✓ Double lens goggle for improved anti fog protection.
- ✓ Gas goggle, non vented to offer protection against fine dusts and fumes.



## ✓ COMPATIBLE

Low profile design means the EVO® Goggle can be worn with an industrial safety helmet or bumpcap.



## ✓ COMFORTABLE

EVA foam on the goggle housing provides a comfortable fitting to a wide range of facial profiles.



## ✓ CAN FIT PRESCRIPTION EYEWEAR

RX inserts can be easily fitted into the EVO® Goggle. If you take the inserts to an optician, lenses can be made with your prescription.



### EVO® GOGGLE

Goggle: EN166  
Clear lens: EN170



Ultraviolet filter scale number	Optical quality (1=high, 3=low)	Medium energy impact 120 m/s	Protection at extremes of temperature	Liquid droplets	Large dust particles (up to 5 µm)	Gas and fine particles	Molten metals and hot solids	Anti-scratch	Anti-mist	Anti-mist & Anti-scratch
UV	1	III	🌡️	💧	☄️	🌀	🔥	🛡️	M+	🛡️

AGM020-623-000		Standard single lens Frame: Opaque grey Lens: Clear	EN166 EN170	2C-1.2	1	B	T	3	4	9	N	Qty 10	
AGM020-823-000		Anti Fog double lens Frame: Opaque grey Lens: Double/clear	EN166 EN170	2C-1.2	1	B	T	3	4	9	K N	Qty 10	
AGM030-623-000		Gas goggle (non vented) Frame: Opaque grey Lens: Clear	EN166 EN170	2C-1.2	1	B	T	3	4	5	9	N	Qty 10

AGU230-001-300 RX insert for adding prescription lenses Qty 1

AHV270-000-000 Goggle clip (1 set) for EVO® Safety helmet Qty 1

### ATLANTIC™

Goggle: EN166  
Clear lens: EN170

- ✓ Wide angle lens & elastic headband for comfort.
- ✓ The Atlantic™ can be worn over most modern prescription spectacles.
- ✓ Moulded-in ventilation for dust, liquid, molten metal & hot solid protection.



ATLANTIC™			UV	1	III <th>🌡️ <th>💧 <th>☄️ <th>⚡ <th>🌀 <th>🛡️ <th>M+</th> <th>🛡️</th> </th></th></th></th></th></th>	🌡️ <th>💧 <th>☄️ <th>⚡ <th>🌀 <th>🛡️ <th>M+</th> <th>🛡️</th> </th></th></th></th></th>	💧 <th>☄️ <th>⚡ <th>🌀 <th>🛡️ <th>M+</th> <th>🛡️</th> </th></th></th></th>	☄️ <th>⚡ <th>🌀 <th>🛡️ <th>M+</th> <th>🛡️</th> </th></th></th>	⚡ <th>🌀 <th>🛡️ <th>M+</th> <th>🛡️</th> </th></th>	🌀 <th>🛡️ <th>M+</th> <th>🛡️</th> </th>	🛡️ <th>M+</th> <th>🛡️</th>	M+	🛡️
AGN020-441-300		Frame: Opaque grey Lens: Clear	EN166 EN170	2-1.2	1	B	T	3	4	9			Qty 10