



# SAFETY

22  
23

EYE PROTECTION  
MASTER CATALOGUE

 UNIVET

your eyes  
our passion



**CHOOSE THE RIGHT PRODUCT**  
[univetsafety.com/search](https://univetsafety.com/search)



Fashion Safety Glasses

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Clean Room

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611 Clean Room



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619 Clean Room



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**Clear Polycarbonate**

**Features:**  
Protects against. Can be used for prolonged periods as it does not create distortion or fatigue. No colour distortion. Available UV400 version for an increased UV protection. Flash Mirrored version (FM) gives protection from glare.

**Applications:**  
Mechanical work in good visibility conditions.

**Models:**  
Available on all main models.

VLT: ~ 89%



**Clear CR39**

**Features:**  
Excellent protection against chemical agents. No colour distortion and good protection against scratches.

**Applications:**  
Chemical laboratories.

**Models:**  
5X9

VLT: ~ 89%



**Clear Glass**

**Features:**  
Excellent protection against chemical agents. Good protection against scratches.

**Applications:**  
Chemical laboratories, painting, environments with suspended abrasive particles.

**Models:**  
5X9, 566, 618

VLT: ~ 89%



**Clear Acetate**

**Features:**  
Superior performance of the anti-fog treatment. Very good resistance to chemicals and solvents. Impact resistance marking F (45 m/s).

**Applications:**  
Chemical laboratories, painting, high humidity environment.

**Models:**  
601, 607

VLT: ~ 89%

UNIVET



**Yellow - Contrast Enhanced contrast lens**

**Features:**  
Protection against impacts, UV radiations and blue light (up to 480nm). Sharpens visual acuity in conditions of low visibility. Enhances the contrast.

**Applications:**  
Surface inspection, mechanical work, ultra-violet light, work inside galleries, bad atmospheric conditions, shooting.

**Models:**  
5X1, 5X8, 505 UP, 516, 553Z, 568

VLT: ~ 89%



**Orange - UV525 UV525 blocking lens**

**Features:**  
Protection against impacts, UV radiations. Protects against blue light up to 525nm. Enhances the contrast in low light condition.

**Applications:**  
Surface inspection, mechanical work, ultra-violet light, vulcanization, work with curing light lamp.

**Models:**  
5X3, 5X7, 546

VLT: ~ 55%



**Green - G65 High Visibility In/Out lens**

**Features:**  
Anti-fog and scratch-resistant In/Out lens, ideal for environments that experience rapid changing in brightness and temperature.

**Applications:**  
Work with a forklift truck, mechanical work, work that requires passing between light and dark environments.

**Models:**  
506 UP, 506 UP Hybrid

VLT: ~ 65%



**Green - G15 Solar lens**

**Features:**  
Solar lens designed on the basis of the spectral luminous efficiency curve of the human eye. Very relaxing. Perfect recognition of colours - TSR (Traffic Signal Recognition) and shapes. Ensures excellent visibility even in glare.

**Applications:**  
Outdoor work, construction sites, road works, driving vehicles.

**Models:**  
5X1, 5X4, 5X8, 5X9 Sport, 506 UP, 553Z, 6X3, 625

VLT: ~ 15%



**Grey - Solar Smoke Solar lens**

**Features:**  
Protection against impacts, UV radiations and visible light. Ideal for sunlight and generic glare conditions. Good colour recognition - TSR (Traffic Signal Recognition).

**Applications:**  
Outdoor works, mechanical work with risk of glare.

**Models:**  
5X7, 505 UP, 513, 516, 568, 6X1

VLT: ~ 16%



**Brown - Solar Brown Solar lens**

**Features:**  
Protection against impacts, UV radiations and visible light. Ideal for sunlight and generic glare conditions. Good colour recognition - TSR (Traffic Signal Recognition). Linear spectral transmittance. Allows the eye to adapt easily to the constant light changings.

**Applications:**  
Outdoor work, mechanical work with risk of glare.

**Models:**  
5X3, 505 UP

VLT: ~ 16%



**Amber - Intense Light Intense light protection**

**Features:**  
Protection against blue light up to 530nm. Excellent protection against glare produced by intense light sources.

**Applications:**  
LED sources manufacturers (quality control), IPL (staff and patients), ophthalmology post-surgery.

**Models:**  
5X3, 5X7

VLT: ~ 1.7%



**Gold - IR IR protection lens**

**Features:**  
Gold mirrored polycarbonate visors for protecting the face from infrared radiation, radiant heat, welding processes, molten metals and glowing solids, mechanical impacts.

**Applications:**  
Welding, foundries, furnace work.

**Models:**  
607



**Purple - Didymium Glass Didymium glass lens**

**Features:**  
Selectively filters yellow light, around 589 nm. Reduces the risk of Glassblower cataracts. Preserves visibility.

**Applications:**  
Glassworks - glassblowing.

**Models:**  
5X9 Flip



**Blue - IR IR protection lens**

**Features:**  
Protection against infrared (IR) radiations. Absorbs yellow-orange radiations. Reduces the glare caused by molten glass or metal.

**Applications:**  
IR 4-2 glassworks - furnace work. IR 4-5 glassworks, metallurgy, foundries - casting control.

**Models:**  
IR 4-2: 5X9 Flip  
IR 4-5: 5X9 Flip, 540 (only the flip)



**Green - Solar/Welding IR 1.7 The global filter UV-IR-Solar**

**Features:**  
100% UV protection. Optimal protection against IR radiations. High VLT for good visibility in dark environments. Good colour recognition - TSR (Traffic Signal Recognition). Solar protection.

**Applications:**  
Glasswork, quality control, foundry, Artificial Optical Radiations (AOR).

**Models:**  
5X7, 5X9 Flip, 607

VLT: ~ 46%



**Green - Welding 1.7/3/4/5/6/7 The welding lens**

**Features:**  
Protection against impacts and glare produced by welding processes.

**Applications:**  
Welding.

**Models:**  
POLYCARBONATE: 5X1, 5X3, 5X7, 5X9 Flip, 511, 566, 601, 607  
GLASS: 540 (flip only), 566, 603 (flip only), 618



Discover  
the range

go to page 100

EN 166

# Safety Prescription Glasses

## Custom made lenses

The corrective safety glasses line consists of comfortable and light-weighted frames with graduated lenses. This practical and complete product range allows people with sight impairments to carry out their tasks in total safety. Univet corrective devices are identified as II class PPE and are certified according to EN 166 regulation. The lenses are tailored to the personal needs of each individual user and manufactured with the "Made in Italy" quality that distinguishes Univet.



Univet  
Service Plus



# The Univet service of value for companies

By analysing the customer's needs and measuring the physiognomic parameters of each face, the Univet Product Specialist will identify the appropriate solution for the creation of the customised product.



**BOOK THE SERVICE**  
[univetsafety.com/univet-service-plus](https://univetsafety.com/univet-service-plus)

# Look for your perfect product



[www.univetsafety.com](http://www.univetsafety.com) 

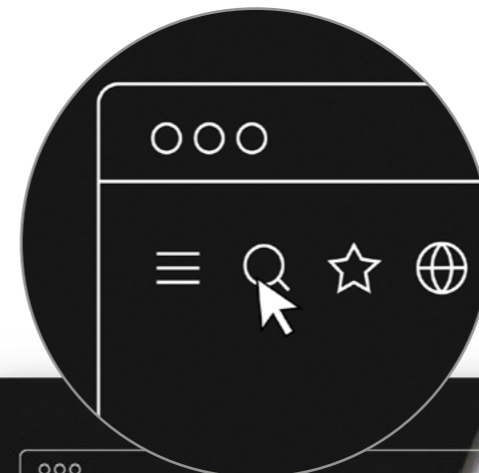


## Advanced search engine

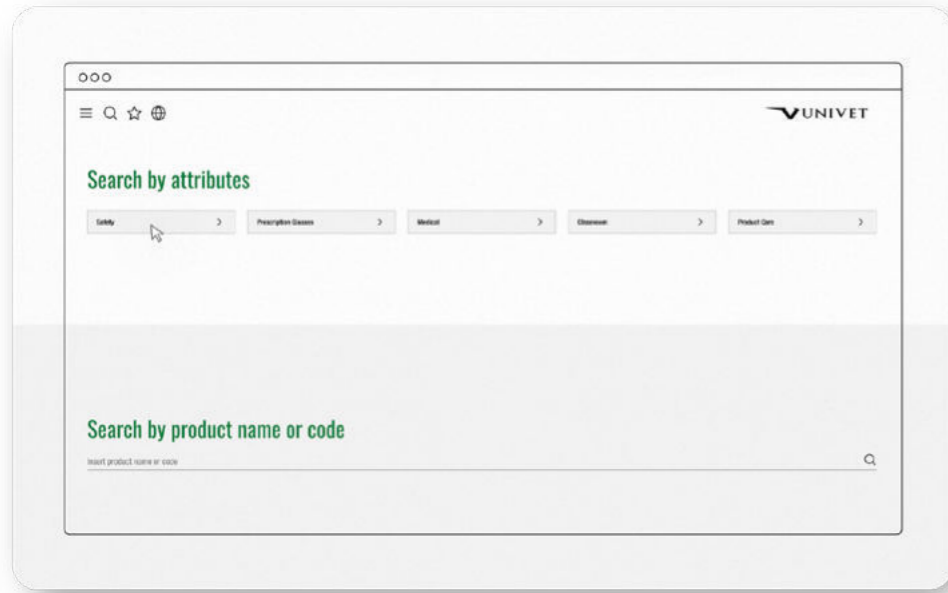
Your personal advisor

The new advanced search engine was designed to provide a solution based on attributes, standards or marking requirements.

Go to the website [univetsafety.com](http://univetsafety.com) and click on the magnifying glass icon in the top left-hand corner to start the search.

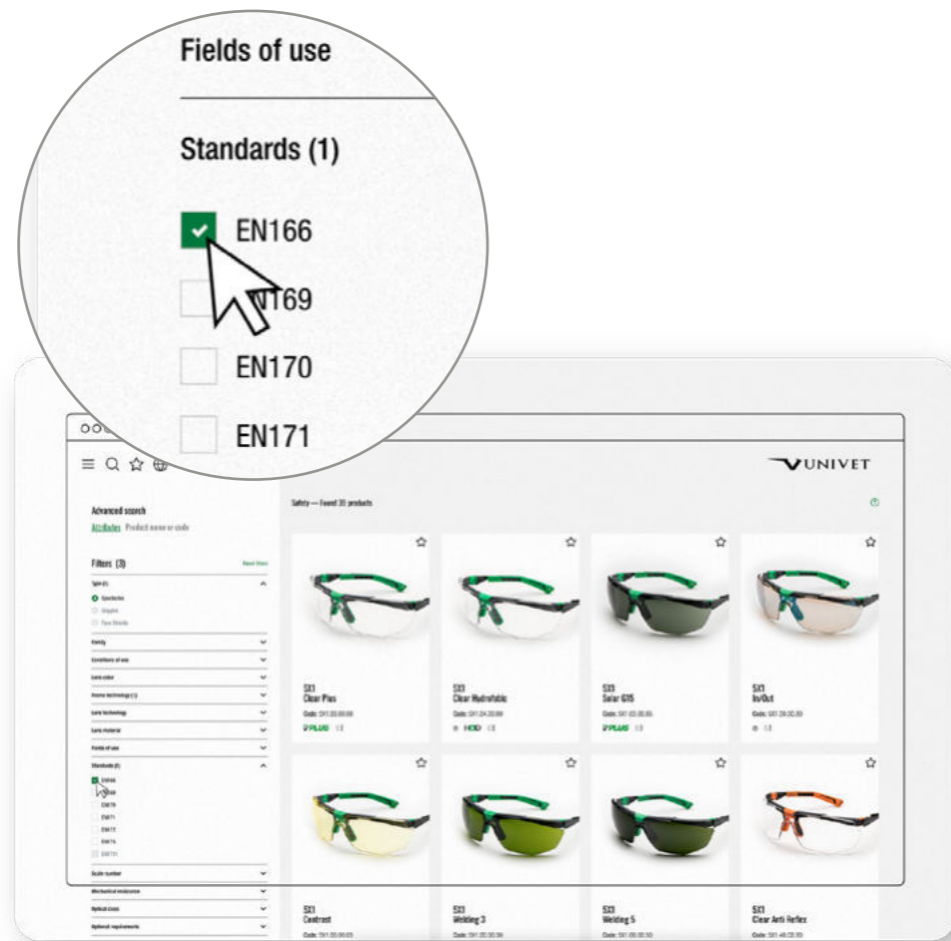






### SEARCH BY ATTRIBUTES, BY PRODUCT NAME OR CODE

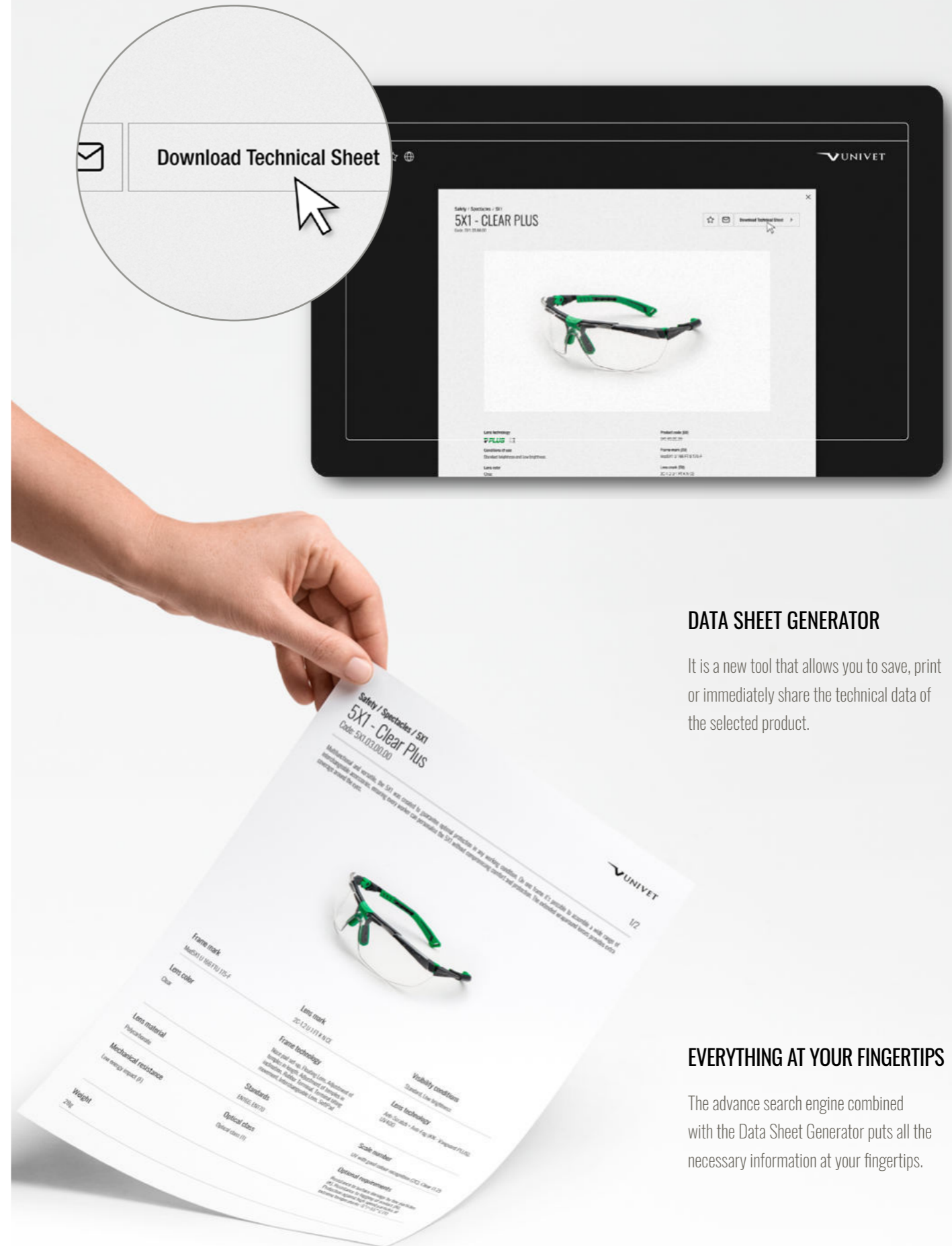
With the new advanced search engine you can find the most suitable product choosing the for attributes, name or product code.



### FILTERS

A complete list of filters will be at your disposal to allow you to find the most suitable product for your needs, such as: standards, optical class, mechanical resistance, PPE category and much more.

Attention! The advanced search does not replace the advice of a product specialist or safety manager.

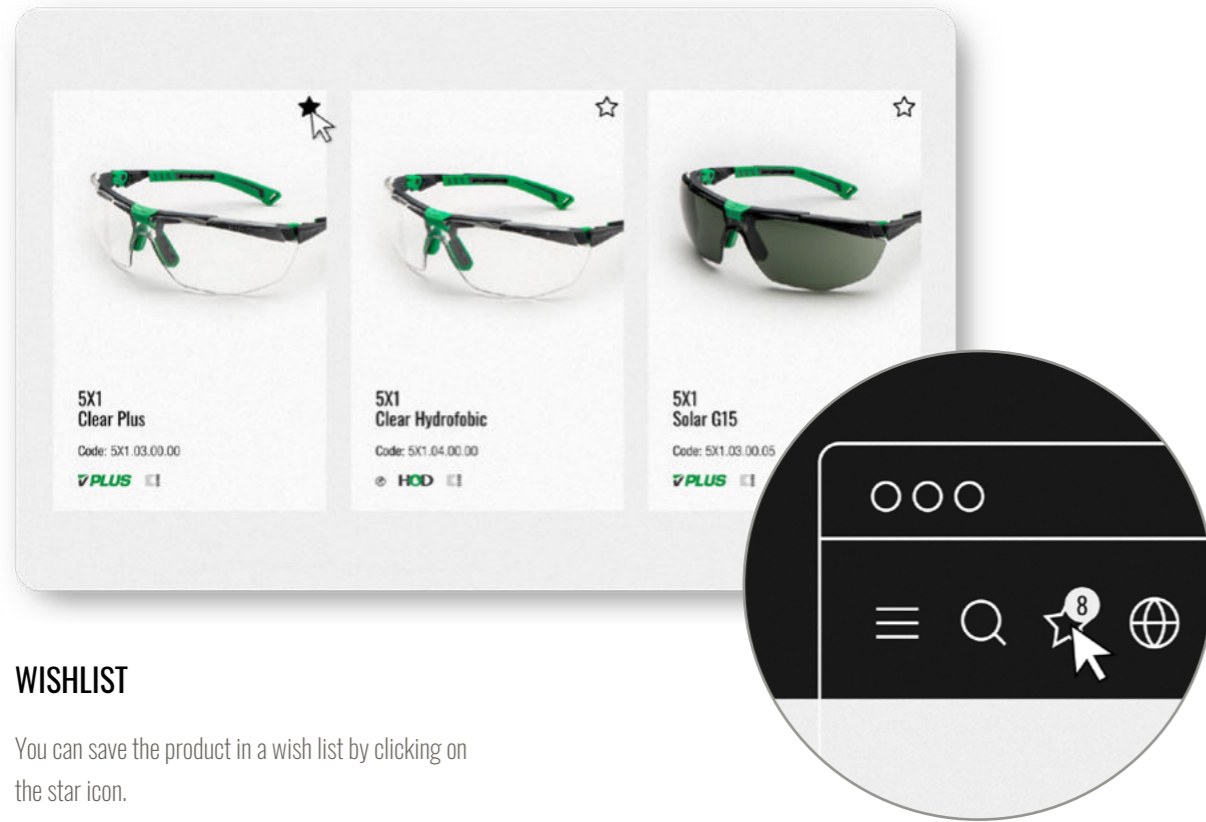


### DATA SHEET GENERATOR

It is a new tool that allows you to save, print or immediately share the technical data of the selected product.

### EVERYTHING AT YOUR FINGERTIPS

The advance search engine combined with the Data Sheet Generator puts all the necessary information at your fingertips.



### WISHLIST

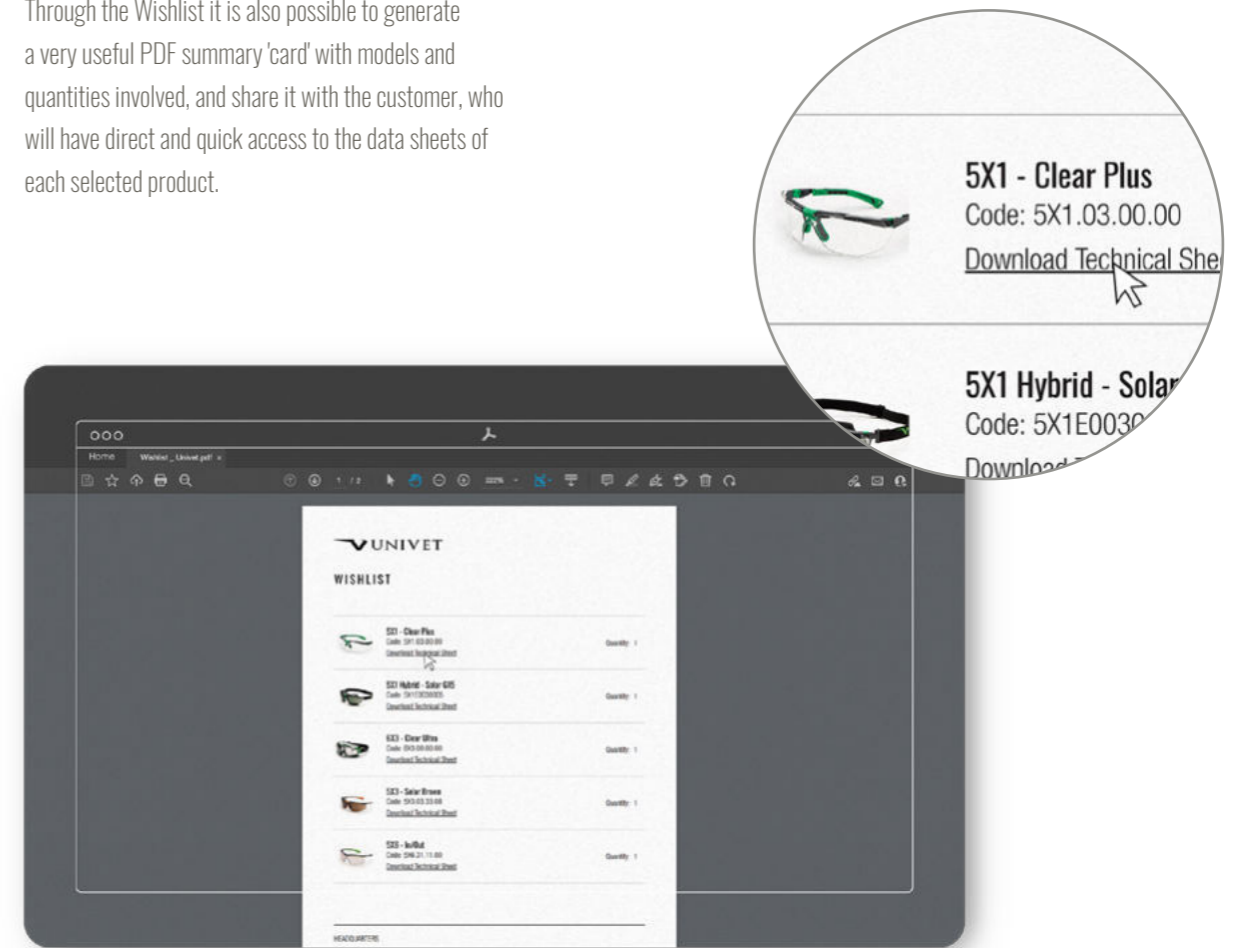
You can save the product in a wish list by clicking on the star icon.

You can view the selection of your favourite products by clicking on the star icon in the top menu, change the quantities and print the summary document.

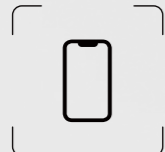


### A FUNDAMENTAL TOOL

Through the Wishlist it is also possible to generate a very useful PDF summary 'card' with models and quantities involved, and share it with the customer, who will have direct and quick access to the data sheets of each selected product.



# Univet Marketing Tools



[www.univetsafety.com/marketing](http://www.univetsafety.com/marketing)

## AN ESSENTIAL TOOL FOR THE UNIVET RETAILER

Marketing Tools is an interactive online tool, designed to share all the marketing tools to help Univet retailers promote and present the Univet solutions to the market.



### LOGOS

Available in different formats and sizes and in each authorised configuration.



### IMAGES

Product image bank with different resolution for both printing and web.



### VIDEOS

Made to best represent the spirit of every Univet product.



### TEXTS

The descriptions, features and items are available to help you with written communication.



### PRESENTATIONS

To present Univet and new products in an incisive and professional way.



### OTHER TOOLS

Display units, rollups, posters, cadeaux, gadgets and many other marketing tools will help you promote and present the Univet solutions on the market.

DISPLAY UNITS



**White display unit**  
Table top version

White metal table top display with mirror, catalogue holder and positions for four glasses and one goggle.

<b>Code</b>	2317900
<b>Sizes</b>	160x520 mm



**Black display unit**  
Table top version

Black metal table top display with graphics, mirror, catalogue holder and positions for four glasses and one goggle.

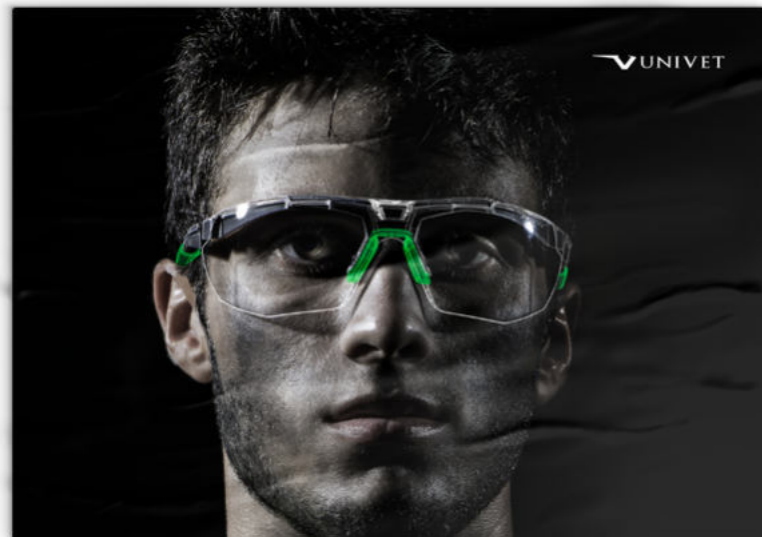
<b>Code</b>	2315000
<b>Sizes</b>	250x570 mm



**Black display unit**  
Floor version

Black metal floor display unit with graphics, mirror and positions for six pair of glasses and two pair of goggles.

<b>Code</b>	2314000UNIVET
<b>Sizes</b>	400x1600 mm



POSTERS

Posters for the point of sale, available in both paper and digital format for independent printing.

<b>Sizes</b>	70x100 mm
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Scan the QR Code to discover the range of Posters

ROLL UP BANNERS

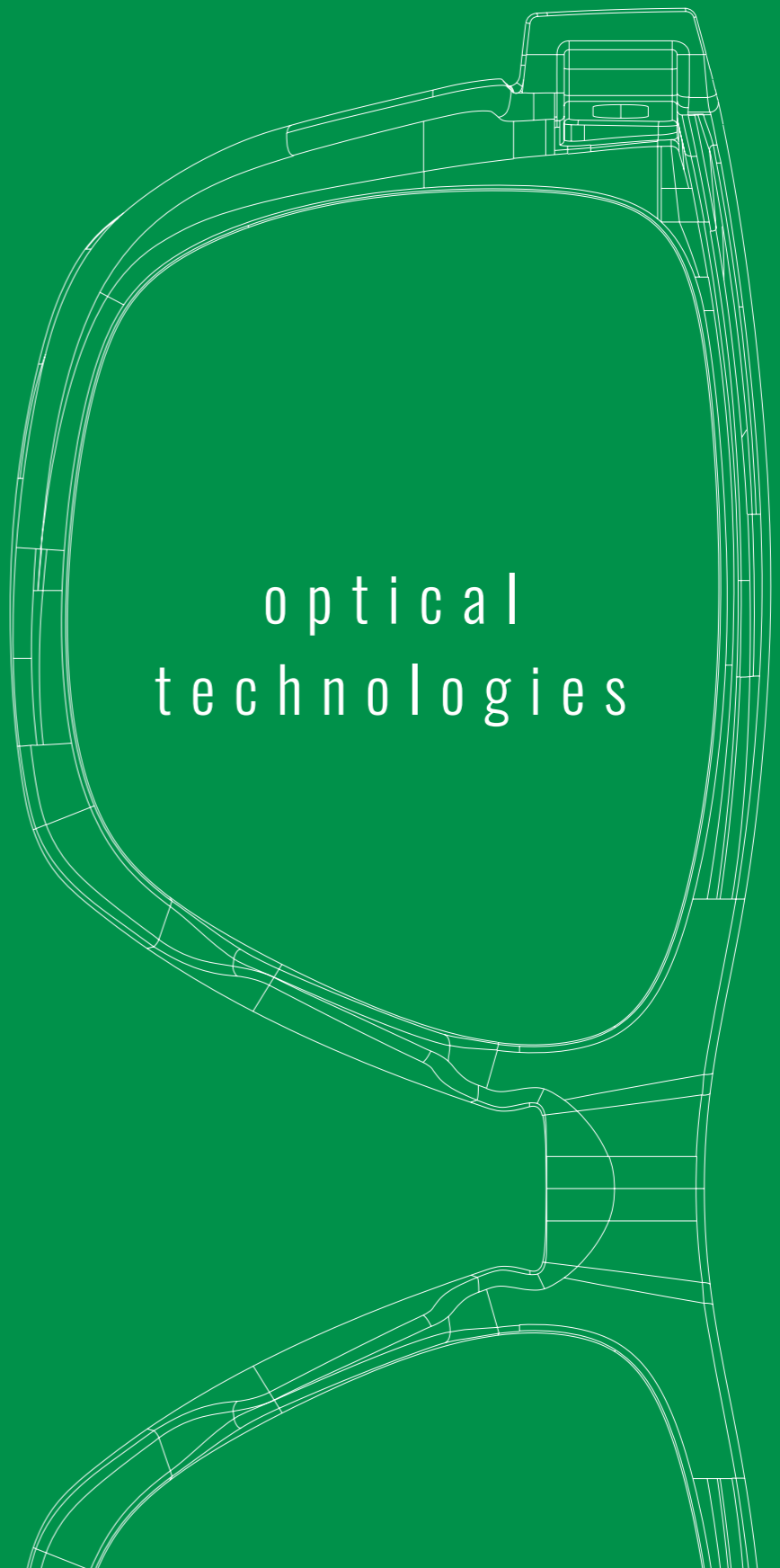
Pre-assembled and composed by an aluminium base, stand, banner and case, which can be installed in just a few minutes, providing an attractive and self-supporting solution. Also available in digital version for independent printing.

<b>Sizes</b>	850x2000 mm
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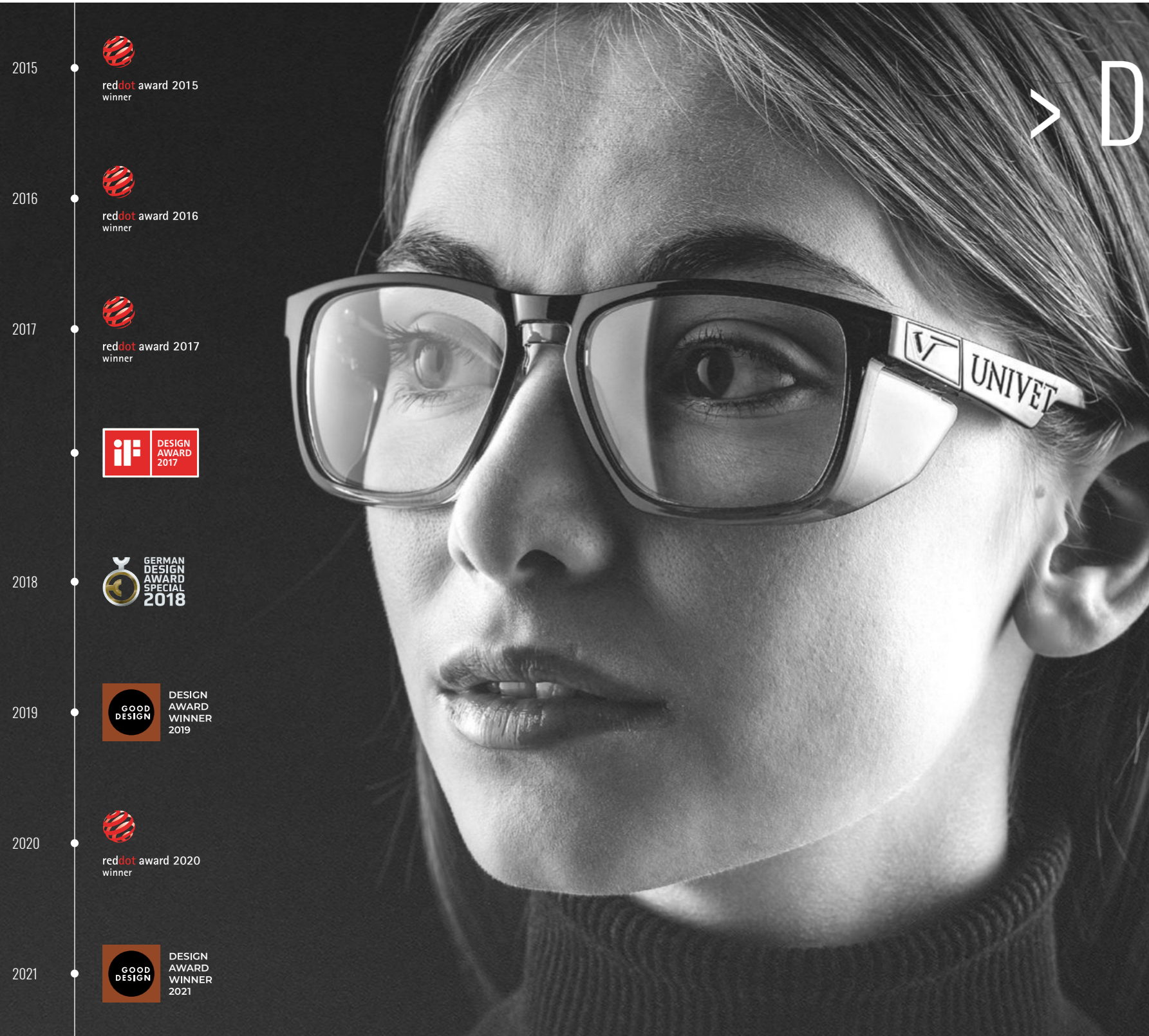


Scan the QR Code to discover the range of roll up banners





optical  
technologies

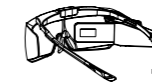


# > DESIGN

## Univet Design

Excellent Italian Style

Univet is known for its flawless design, as a recognition it has been awarded several international-design prizes. Every Univet-designed product is made to be:



INNOVATIVE VISION AR



REVOLUTIONARY 6X3



DYNAMIC 5X9



USEFUL 5X7



POWERFUL 5X1



AESTHETIC 546



# > TEST LAB

## Test Lab

Technology and Innovation

In our laboratory we develop and test new materials, innovative technologies and lens treatments that represent the essence of Univet products, a synonym of design, performance and maximum protection.



### > THERMAL STABILITY TEST

Our products are tested for thermal stress to guarantee a constant protection level even when external temperatures reach extreme levels.



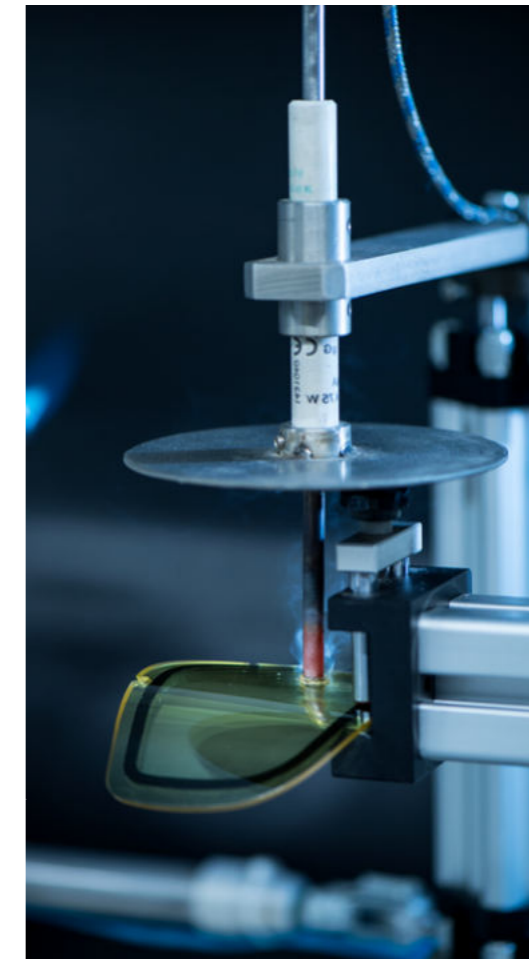
### > OPTICAL POWER TEST

It ensures that the lenses won't create any kind of optical distortion and optical correction.



### > IGNITION TEST

It ensures that the materials used won't ignite even under an extreme heat source.

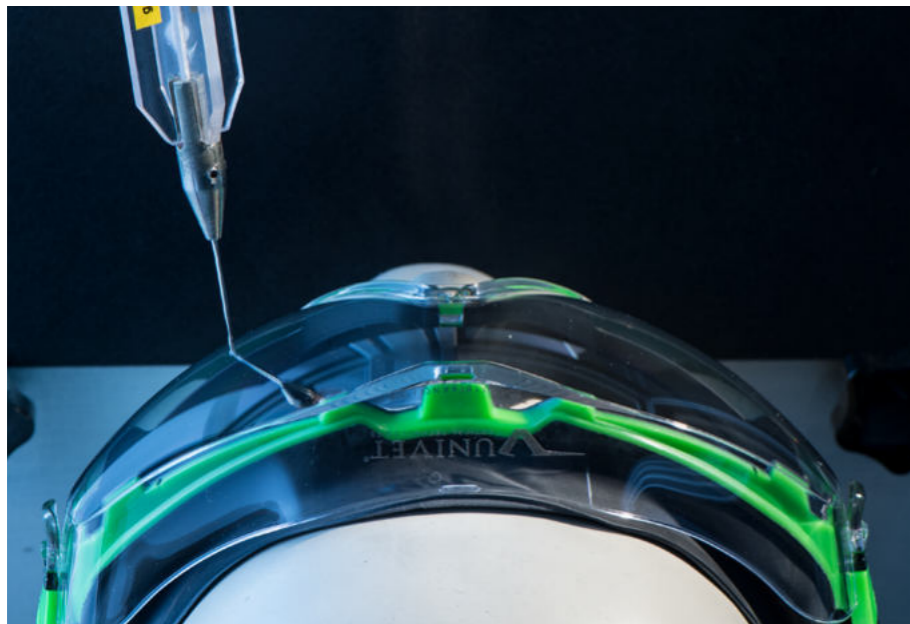


## Field research

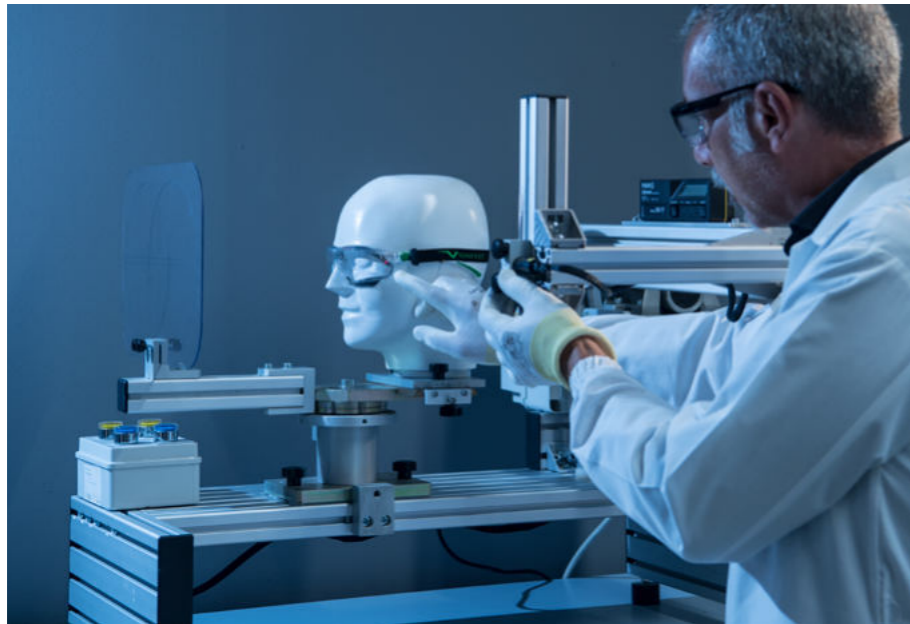
Univet's Test Center is an highly innovative laboratory with specialized technicians and sophisticated machinery. Inside the lab we run all the the endurance tests required by the international standards.

### > IMPACT TEST

It tests impact resistance at speeds that go from 162km/h (101,25 mph) to 684km/h (427,5 mph).







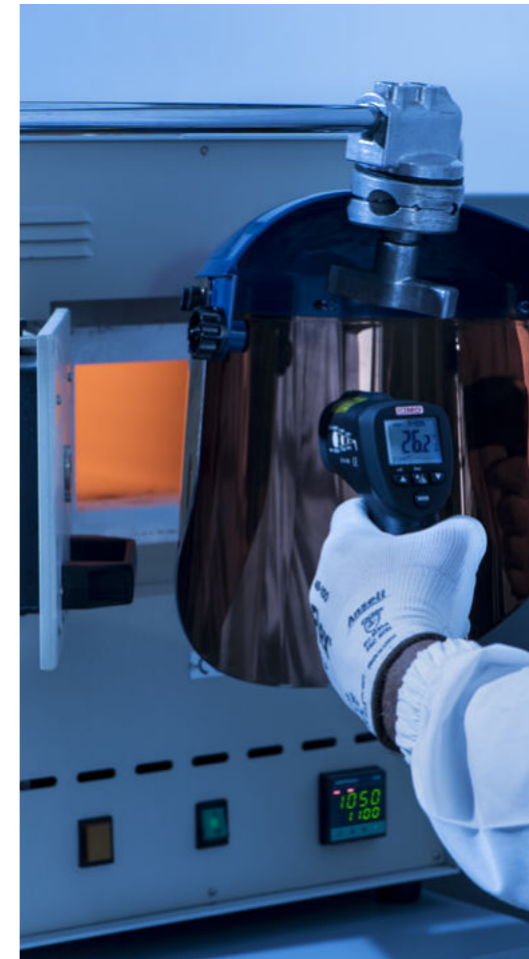
### > FIELD OF VIEW

It tests the width of the field of view and the side shield effectiveness.



### > HEAT RESISTANCE

It tests the temperature needed to reach irradiation, to guarantee that the user won't be exposed to an excessive heat even in extreme conditions, as in a blast furnace or a foundry.

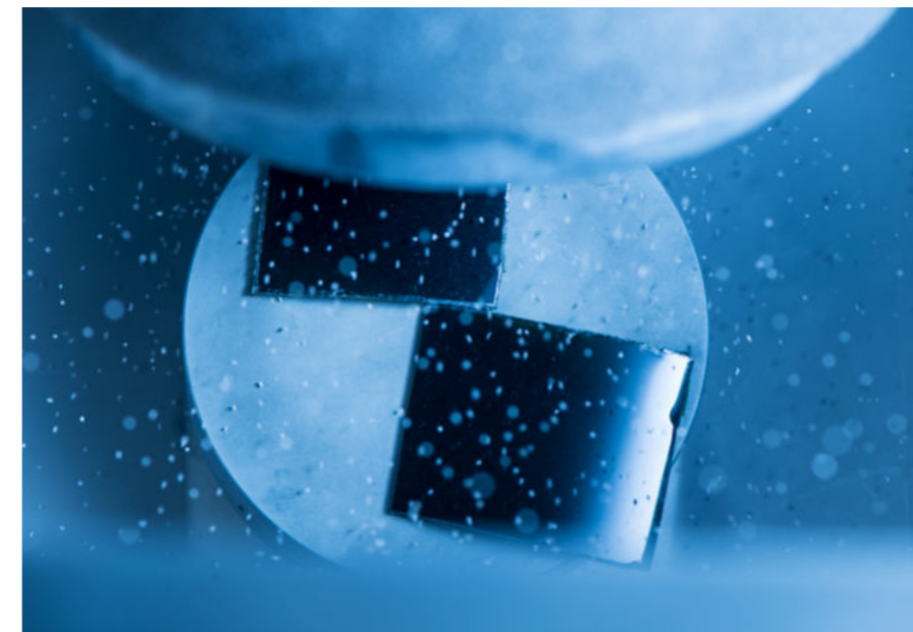


## Field research

This highly-demanding stress and optical quality tests allow Univet's glasses to be far above the standards requirements.

### > ANTI-FOG TEST

It tests the anti-fog property of the lens, to ensure a neat and obstacle-clear vision, to improve user's safety.



### > ANTI-SCRATCH TEST

It tests the lens resistance to abrasion to solid particles or in extreme conditions use.



# Soft Pad

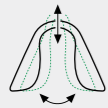
## Comfortable Technology

SoftPad technology, thanks to the multiple adjustable functions of the temple and nose pad and the innovative materials that we implemented, enables the user to refine the glasses ergonomics so to give an unparalleled comfort.

### Outstanding adherence

#### Maximum stability

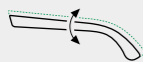
The patented SoftPad system is designed to provide complete adaptability to the user's face. The system presents a rubber-coated terminal with tilting movement that allows it to lean on the temples with perfect adherence and grip. An adjustable nose pad is used to adapt the lens height, to allow vision through the central section where maximum optical quality is ensured.



Adjustable nose pad



Rubber terminal



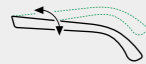
Tilting movement





# Soft Pad

Comfortable Technology



Inclination adjustment



Length adjustment

## Adaptability

Prolonged comfort and fitting

The temples, adjustable in length and in inclination, allow to achieve the highest level of protection by combining the glasses' performance to their perfect fit. Visual comfort is therefore guaranteed for long periods, avoiding eye fatigue.



Technology available for the following models:  
5X1 page 65 - 5X7 page 75 - 5X8 page 77  
5X9 page 79 - 5X9 SPORT page 83 - 6X1 page 119



# Zeronoise

## Perfect compatibility

Zeronoise technology is engineered to work in perfect combination with earmuffs. The ultra-thin design of the temples allows maximum sound attenuation.

Zeronoise temples grant absolute comfort and allows to take the glasses on and off without removing the earmuffs.



Laboratory tests show that, thanks to Zeronoise technology, the combination of earmuffs and glasses ensure extraordinary sound attenuation.

TEST	NOISE LEVEL [dB]	ATTENUATION [dB]	LOSS OF ATTENUATION [%]
NO EAR MUFF	95.0	-	-
WITH EAR MUFF	71.0	24.0	-
EAR MUFF + SPECTACLE	81.3	13.7	-43%
EAR MUFF + ZERONoise SPECTACLE	74.8	<b>20.2</b>	<b>-16%</b>



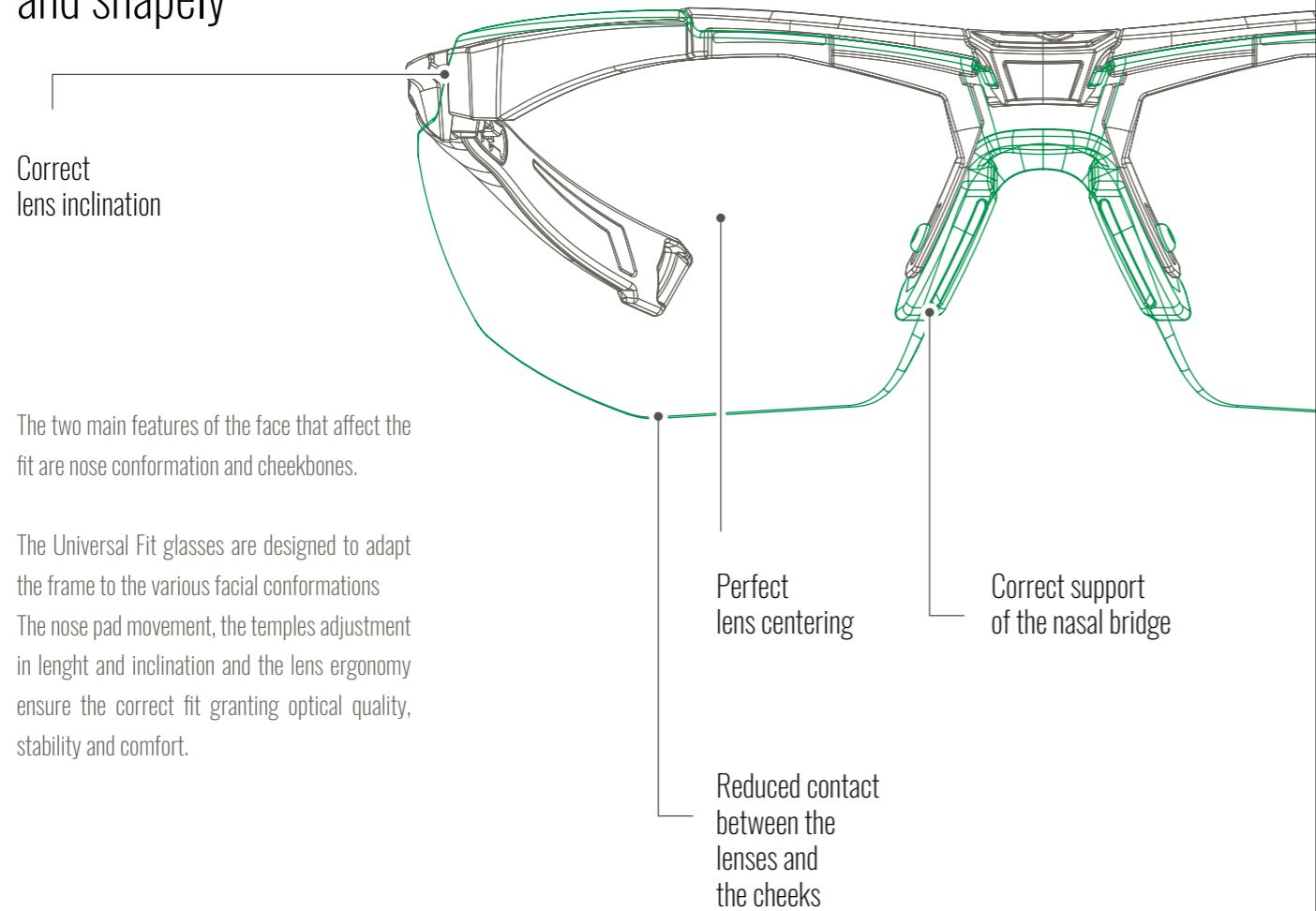
Technology available for the following models:  
**5X1 Zeronoise** page 67 - **553 Zeronoise** page 89



# Universal Fitting

Comfortable and shapely

Fitting is one of the most important features for glasses. An improper fit can compromise sight and can cause headaches or dizziness.



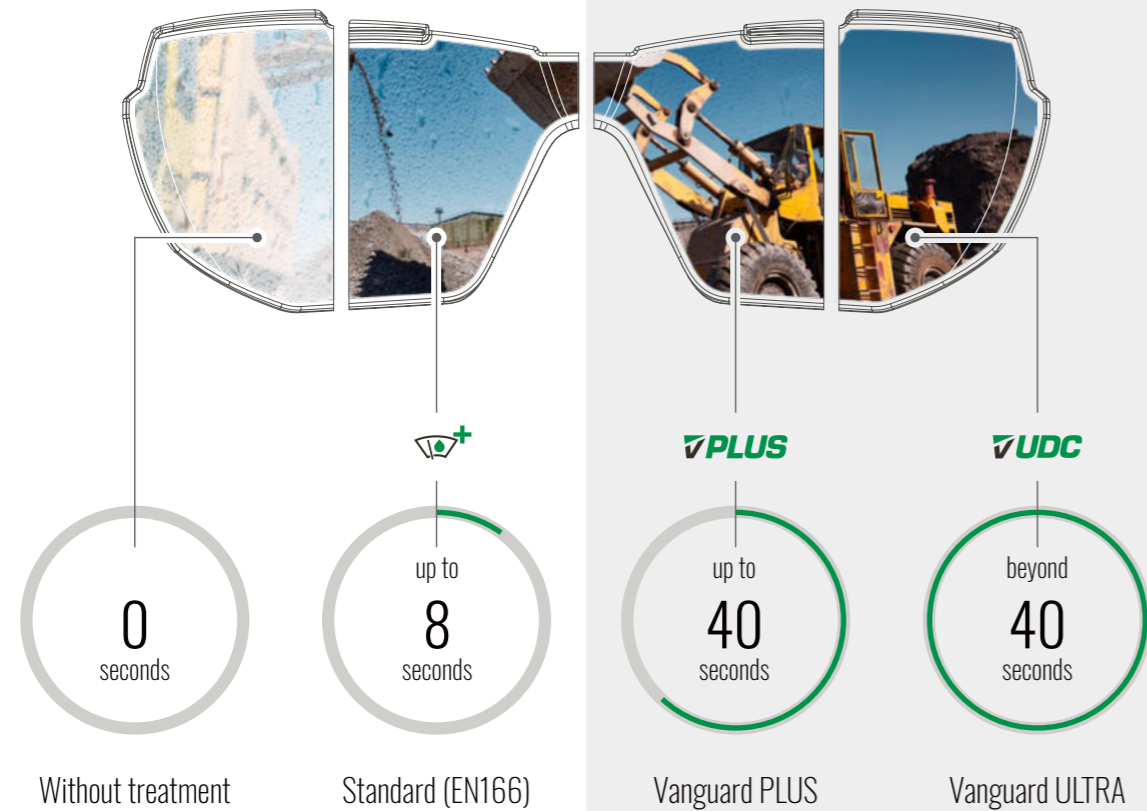
>> Technology available for all main models

*\* The characteristics may vary among the different models, and due to face conformation*



# Vanguard

## Ultra Performing Treatment



In damp or steamy environments and during intense work activities, the lenses of protection glasses could fog up causing a condition of poor visibility and potential danger.

Univet's R&D Department has created two ultra performing lens treatments called Vanguard. Thanks to this technology the lenses won't tarnish, allowing their use even in extreme conditions and guaranteeing maximum protection.



## Designed for extreme conditions

### Lens treatments Summary

SYMBOL	TREATMENT	MARKING
	Vanguard ULTRA	KN
	Vanguard PLUS	KN
	Anti-Fog	N
	Anti-Fog Basic	-

### PLUS

Vanguard PLUS is an anti-scratch and anti-fog treatment, applied on both sides of the lenses, with K and N certification. This treatment guarantees anti-fogging properties 5 times greater than required by standard regulations and an abrasion resistance that is two times higher than the requirements of the EN166 norm.

### UDC

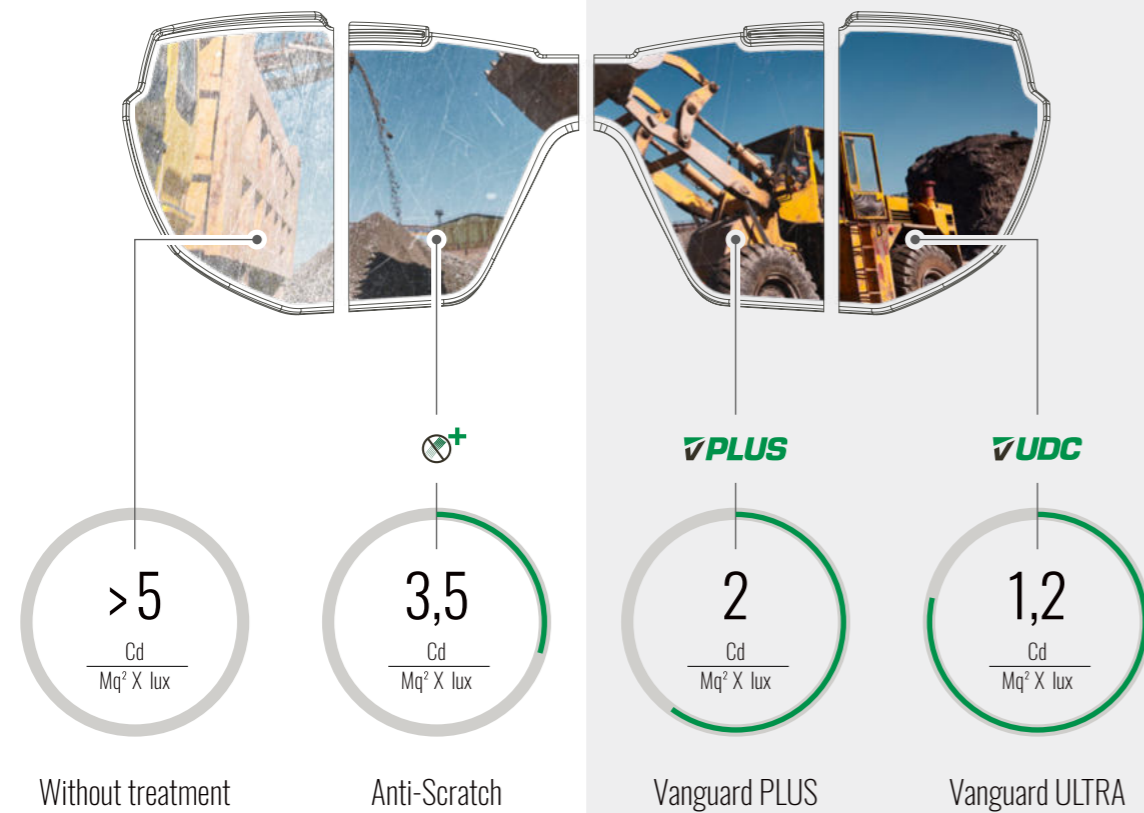
Vanguard ULTRA (UDC – Ultra Double Coating) is a specific and distinct double treatment, anti-scratch on the outer side and anti-fog on the inner side, with outstanding performance and K and N certification. This treatment is the best solution for the most adverse environments: in fact it grants limitless fogging properties and an unparalleled resistance to abrasion.

The performance of the treatment may vary according to the different types of PPE, face conformation and perspiration as well as a correct glasses cleaning procedure and maintenance. (Instructions at page 162)



# Vanguard

## Ultra Performing Treatment



Scratches are a common problem for safety glasses lenses, they can be caused by the presence of dust or by poor maintenance. Scratches may compromise lens transparency and visibility, exposing the user to risks.

## Comparing treatments Anti-Scratch Treatment

Vanguard ultra performing treatments, Vanguard PLUS and Vanguard ULTRA, harden the surface of the lens for an outstanding scratch resistance while maintaining total transparency and increasing safety for the user.

## VANGUARD

### Maximum scratch resistance

Vanguard anti-scratch technology guarantees resistance to abrasion, greater durability and improvement in visibility even in critical conditions, offering a performance that is considerably higher than basic scratch-resistant treatments on the market.

#### Lens treatments Summary

SYMBOL	TREATMENT	MARKING
	Vanguard ULTRA	KN
	Vanguard PLUS	KN
	Anti-Scratch	K
	Anti-Scratch Basic	

### Did you know that

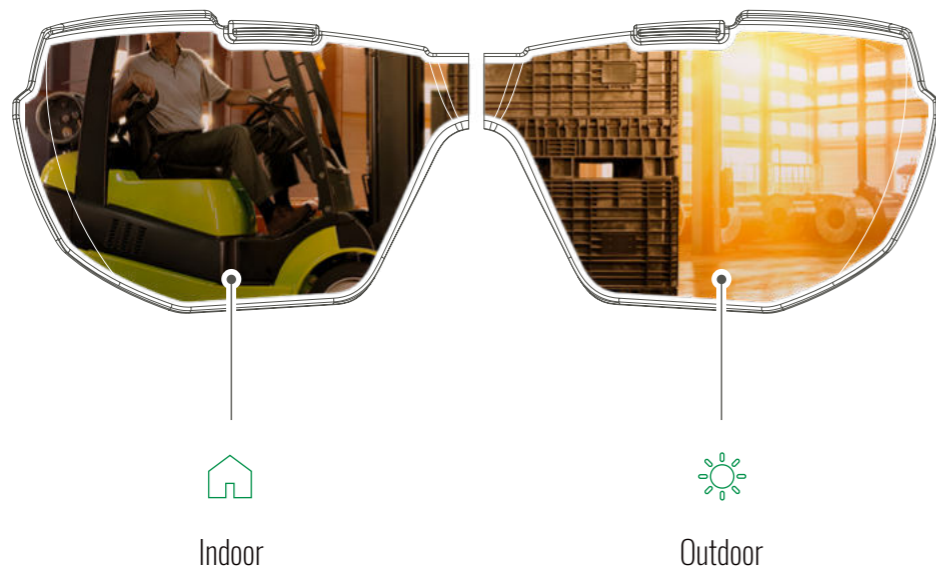
In order to stress the anti-scratch qualities of the treatment, the EN 166 regulation requires 3 kg of quartz sand to be dropped from a height of 1.65 m on the lens and to subsequently check the delta in the luminance factor, which must not exceed the value of 5 Cd / Mq² x lux.

The performance of the treatment may vary according to the conditions of use, as well as to proper cleaning and maintenance of the lenses. (Indications on page 162)

# In/Out G65

Protection in environments that experience rapid changes in lighting and temperature

The G65 lens is the ideal solution for users who quickly transit from indoor to outdoor work. This lens, developed by the Univet research centre, combines a tint that can filter ambient light with the Vanguard Plus ultra-performing anti-fog technology.



Models with the G65 lens protect against glare and provide high visibility without altering the colours, ensuring workers to maintain a correct attention level. Besides providing high visibility, the G65 lens eliminates the risk of lens fogging, which can cause decreased visibility and therefore be a potential hazard, typical in situations where there are significant temperature changes which can occur when rapidly passing from outside to indoors.

Particularly suitable for: work with forklifts, work that involves rapidly passing between dark and bright environments.



Lens available for the following models:  
506 UP page 85 - 506 UP Hybrid page 87



G65

V PLUS

The G65 lens uses the Vanguard PLUS ultra-performance technology, and is K and N certified. The Vanguard PLUS provides an anti-fogging performance 5 times greater than the standards and eliminates the risk of lens fogging typical in situations where there are significant and sudden changes in temperature.

## Did you know that

The pupil changes size without us being aware of it. The pupil's response is an involuntary reflection: when exposed to intense light, it constricts to protect the retina's photosensitive cells from being damaged, while under weak lighting conditions it dilates to capture as much light as possible.

## High visibility in all light conditions

During the daytime from a bright to darker environment and vice versa causes the pupils to suddenly close or open, abruptly reducing visual acuity. This is a physiological phenomenon with reaction times that vary from person to person, putting the worker at risk with a temporary loss of visibility. The use of G65 lenses in safety glasses puts less stress on the pupil and eliminates this risk by maintaining excellent visibility in all lighting conditions.



HIGH CONTRAST



TRUE COLOUR RECOGNITION



ANTI-FOG AND ANTI-SCRATCH (KN)



SUITABLE FOR FAST CHANGES IN BRIGHTNESS



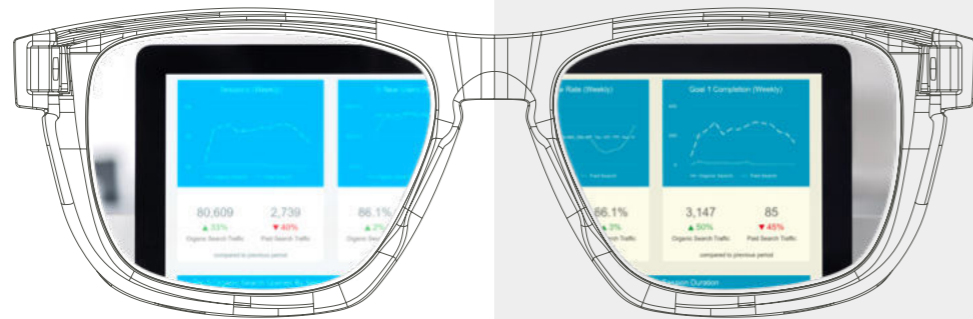
\* 65 % VLT (Visible Light Transmittance)





# Blue Block

Filters blue radiation



The Safety lens with Blue Block filter is designed to protect the eyes well-being from blue radiation emitted by notebooks, LED monitors, tablets and smartphones and by artificial LED lighting.

## BLUE BLOCK



### Did you know that

The blue light visible to human eye is produced by high frequencies (from 380nm to 450 nm) that are the most dangerous (HEV: highest energy visible). The Blue Block lens protects from a maximum of 50% of these frequencies (up to 420nm), if it blocked them totally it would not allow the vision of the blue color. Blue is a primary color and this would alter the color perception.

## UV Filter

The blue light could damages the back of the eye as much as the UV rays could damage the front; for this reason it's imperative to shield the eyes from this kind of rays.

## 420 nm Blue Block Filter

The lenses with Blue Block treatment can screen the eyes from blue and UV rays, improving contrast and visual comfort, as well as reducing glare and reflections on the lens. This treatment is also available on prescription glasses.



Lens available for the following models:  
**Contemporary** page 61-62-63 - **Prescription Glasses** page 100



# Clear RFL-X

## Active Protection



The new Univet anti-reflection technology Clear RFL-X grants the maximum optical neatness. The sharpness of images, absence of glare and great comfort allow the user to carry out his tasks in total safety.

## Clear RFL-X

The anti-reflection Clear RFL-X treatment is an active protection as it prevents the risk of injury by eliminating glare and increasing visual quality.

This kind of filter is imperative in environments such as: night road works, logistic warehouses or glass processing.

## Zero reflex, maximum safety

The anti-reflection Clear RFL-X treatment consists in the sedimentation of a very thin layer of particular metal oxides, able to eliminate residual light reflections which have negative effects on the sharpness of the images perceived in favour of maximum user safety.



### Did you know that

Artificial light and reflecting surfaces create visual dazzle that can cause: reduced level of attention, limited vision and, in extreme cases, dizziness.



\* 95 % VLT (Visible Light Trasmittance)

## Common Filters

Without the use of suitable filters the PPE are not able to guarantee a complete level of protection, exposing the worker to risks.



Lens available for the following models:  
5X1 page 65 - 5X7 page 75



# Hydrophobic & oleophobic shield



Applied both internally and externally on the lens surface, the HOD treatment increases superficial tension avoiding water and oil adherence.

## HOD

Hydrophobic Oleophobic Dry Coating

## Without treatment

In case of sudden splashes or drops, the user could be exposed to risks due to poor visibility.

## Hydrophobic and oleophobic treatment

This technology improves the sliding of liquids on the lens surface and prevents the adherence of dirt granting a sharp vision and easing the cleaning process.



Lens available for the following models:  
**5X1** page 65

## Sharp vision without halos

Splashes of water or oil could cause a sudden reduction of the visual field caused by the presence of liquids on the lens, that cause halos and poor visibility. The HOD hydrophobic treatment, by making the lens smooth and totally waterproof, prevents the accumulation of liquids on the surface granting a clear vision.

### Did you know that

Water behaves differently according to the contact surface. When it enters into contact with fabrics it is absorbed, but it tends to stay on the windscreen and it needs wipers to remove it.

In order to avoid both effects, we added an hydrophobic layer to the lens, a protective film that allows water to slide on the lens avoiding accumulation.

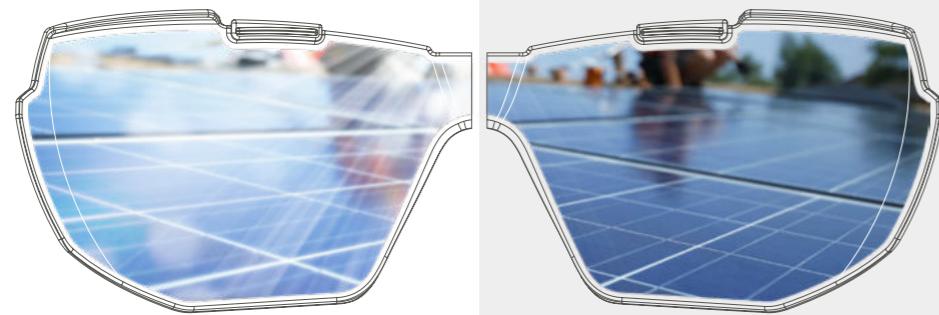


\* 84 % VLT (Visible Light Transmittance)



# Polar-X

## Anti-reflection solar lens



The Polar-X polarized solar lens uses a specific anti-reflection filter that allows a clearer and more defined vision. The polarizing treatment is based on a number of filters applied to the lens that modulate light with the aim to reduce the annoying glare from the surfaces.

## Polar-X

The Polar-X polarized sun lens is an active protection as it prevents the risk of accidents during outdoor daily activities, avoiding glare and increasing visual quality.

Polarized lenses are recommended for: outdoor activities, construction sites, vehicle driving, installation and maintenance of solar panels, installation and maintenance of ski resorts, building of curtain walls, activities on ships or oil plants.

## Common Filters

Without the use of suitable filters, working glasses do not grant a complete protection exposing the worker to risks.



Lens available for the following models:  
**5X9 SPORT** page 83



## Absence of sun glare also in extreme conditions

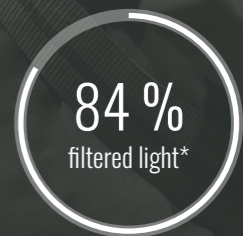
When the sun rays hit reflecting surfaces, the rays reverberate in all directions. In order to block this we need sunglasses with polarized lenses as the common sun lenses are not enough to protect against UV rays.

## What does polarized mean?

In order to answer the question, it is necessary to shortly explain how the polarizing principle works. Natural light travels in form of waves that swing in all directions. This means that it is not polarized. When a sunray meets a reflecting surface, the light undergoes a process that is called polarization, i.e. it starts moving vertically and horizontally.

While vertical light gives us all the information on colors and contrasts, horizontal light creates an annoying glaring effect that disturbs our vision. While vertical light supplies all the information on colors and contrasts, horizontal light creates the annoying glaring effect that disturbs our vision.

The polarizing lens, thanks to a micro vertical network, consistently reduces or totally eliminates the reflected light energy that causes reverberation.

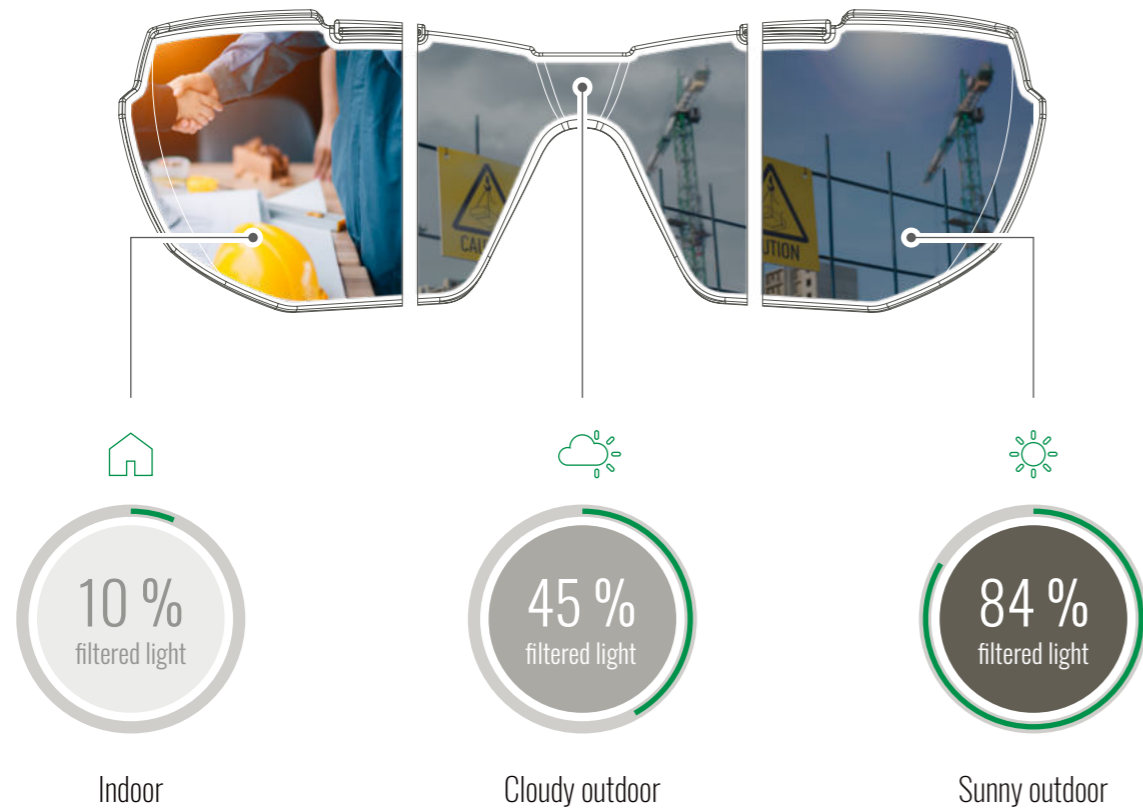


\* 16 % VLT (Visible Light Transmittance)

# Dynami-X

Adaptive protection for indoor and outdoor activities

The photochromic Dynami-X lenses help the eyes to adjust when light changes. They darken and get clearer by changing the environment in order to enhance visual comfort in all conditions of light.



When worn indoors they are perfectly transparent, when outdoors as the lens detects a stronger light, the photoactive molecules applied on the surface react to UV rays and to solar irradiation becoming darker in a matter of seconds.



Lens available on models:  
**5X9 SPORT** page 83



**Dynami-X**

Did you know that

The "Photochromic" is not a treatment added to the lens but an active molecule that darkens the lens in presence of UV sunrays.

**Light under control**

Photochromic lenses are perfect for users that want protective glasses, to be worn out- and indoors. Photochromic lenses darken in 1 minute when in contact with UV rays (around 45% of filtered light) and become clearer in absence of ultraviolet light in about 5 minutes (about 28% of filtered light).

The Dynami-X photochromic lenses are recommended for in- and outdoor activities with a permanence higher than the lens reaction times and in absence of sudden light changes.

**84 %**  
max. filtered light\*

\* 16 % VLT (Visible Light Transmittance)

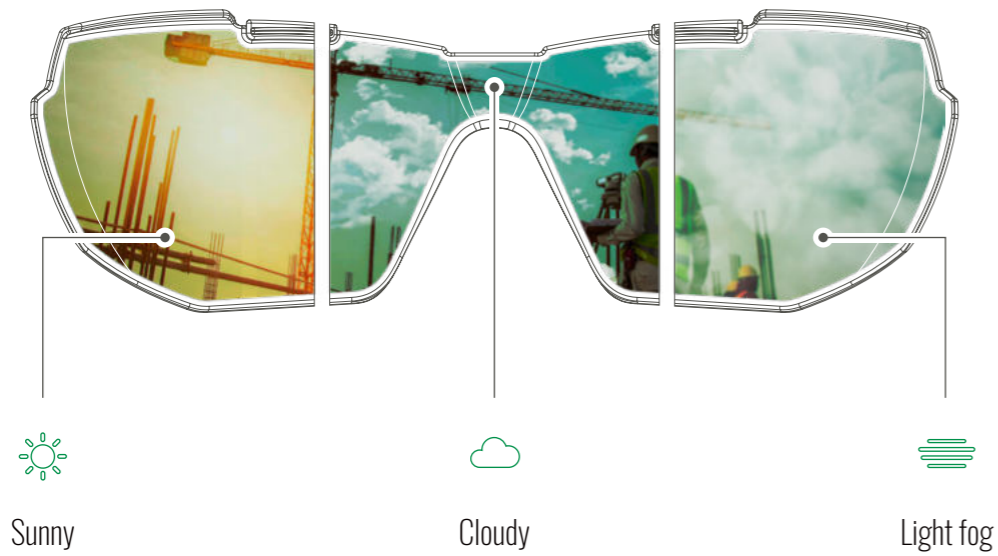
univetsafety.com/photochromic



# Solar G-15

## For all weather conditions

For outdoor working activities it is important to choose the right lens that grants safety and excellent visibility. The Solar-G15, ideal to protect from sun rays, grants a realistic vision of the surrounding environment both for forms and colours.



The Solar G-15 adapts to all weather conditions. It can be worn in bright sunshine and with partial/total cloudiness, with fog and poor light. This colouring grants a high protection and it is also suitable to protect light eyes. Especially recommended for: outdoor activities, construction sites, road works, maintenance of green areas, vehicle driving.

>> *Lens available for all main models*



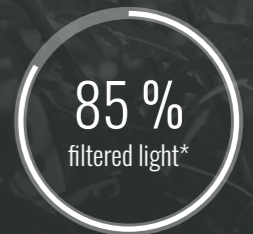
## Less visual fatigue, more safety

The Solar G-15 can filter 85% of solar light, this allows to achieve a lower visual fatigue and an outstanding and comfortable protection and perfect visibility also in case of reverberations.

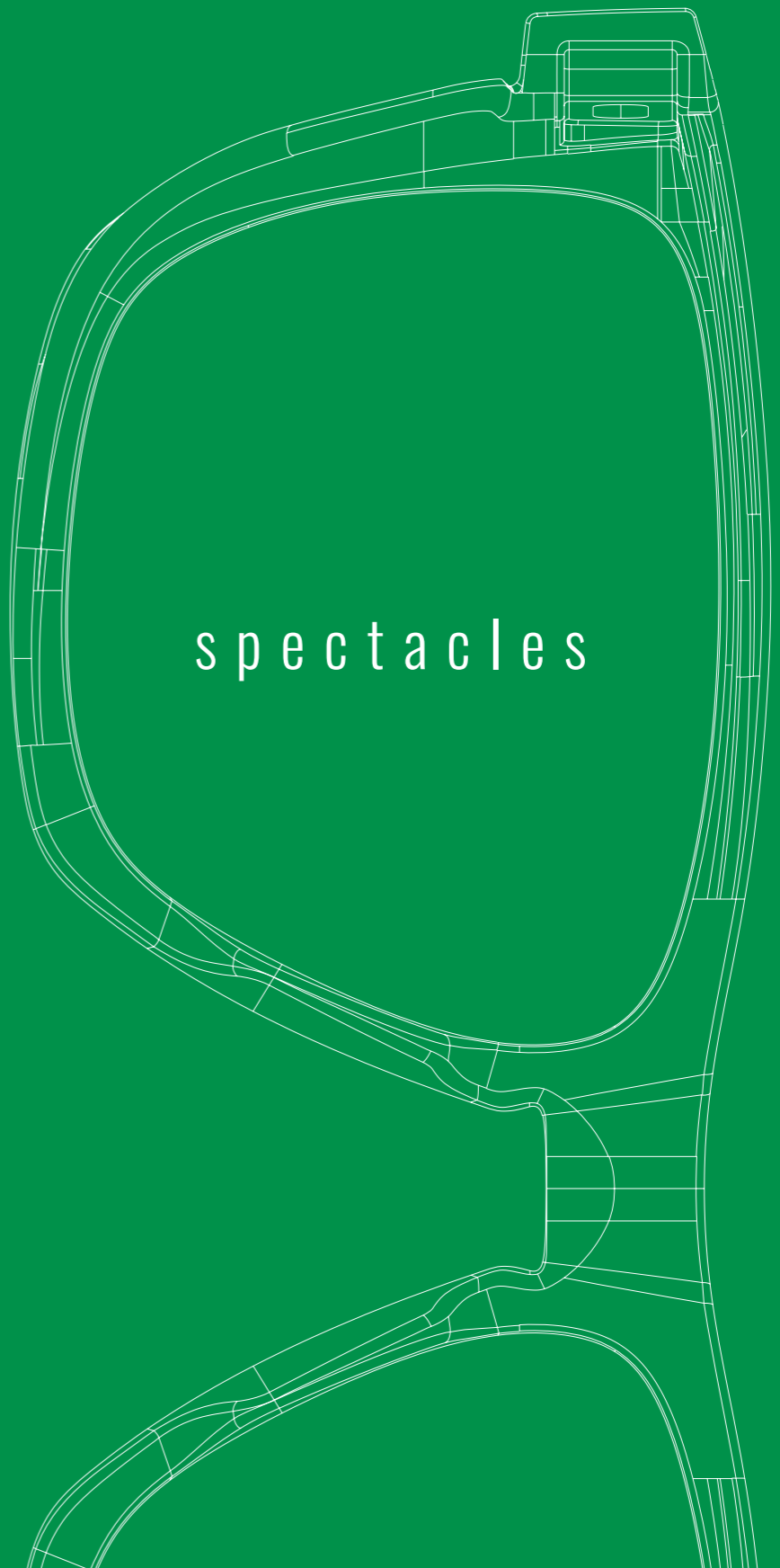
We are talking about light rays and not about UV rays that are blocked by the Solar G-15.

### What does G-15 mean?

"G-15" means that the lens is green/gray; that explains the choice of the letter "G". Number "15" is referred to the quantity of light that is transmitted through the lens (also called VLT); so 15% of light in the environment where you are now, passes through the lenses, while the remaining 85% is blocked.



\* 15 % VLT (Visible Light Transmittance)



# CONTEMPORARY

## FASHION SAFETY GLASSES

Contemporary combines elegance and style in protection, changing the concept of safety glasses and reflecting Univet's mission to create glamorous and comfortable protection glasses so that always more people start caring for their eyes.

Download the  
Technical Sheets



# 571

### Zero metallic components

Contemporary is made of Polyamide and is therefore devoid of metallic components.

### Side shields

Integrated transparent shield.



Caliber 56 □ 16 x 125

29 g



Diamond

571 - Diamond Clear KN  
571.03.05.00



Honey

571 - Honey Blue Block  
571.14.02.C0



Amethyst

571 - Amethyst Blue Block  
571.14.00.C0



Stone

571 - Stone Blue Block  
571.14.01.C0



CON  
TEMPO  
RARY

### Lens Technologies

#### PLUS

Hi performance anti-scratch and anti-fog treatment with K and N certification.

#### BLUE BLOCK

Blue Block lenses filters the blue radiation.

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
571 - Diamond Clear KN	571.03.05.00	Clear	2C-1.2 U 1 F K N CE	Diamond/After dark	PLUS	EN166 and EN170
571 - Honey Blue Block	571.14.02.C0	Clear	2C-1.2 U 1 F CE	Honey/After dark	BLUE BLOCK	EN166 and EN170
571 - Amethyst Blue Block	571.14.00.C0	Clear	2C-1.2 U 1 F CE	Amethyst/After dark	BLUE BLOCK	EN166 and EN170
571 - Stone Blue Block	571.14.01.C0	Clear	2C-1.2 U 1 F CE	Stone/After dark	BLUE BLOCK	EN166 and EN170

Frame Mark (EU): U EN166 F CE

>> Download the technical data sheets: [www.univetsafety.com/contemporary](http://www.univetsafety.com/contemporary)



572

**Zero metallic components**

Contemporary is made of Polyamide and is therefore devoid of metallic components.

**Side shields**

Integrated transparent shield.



Caliber 52 □ 15 x 125

25 g



Diamond

572 - Diamond Clear KN  
572.03.05.00



Honey

572 - Honey Blue Block  
572.14.02.C0



Amethyst

572 - Amethyst Blue Block  
572.14.00.C0



Stone

572 - Stone Blue Block  
572.14.01.C0

**Lens Technologies**

**PLUS**

Hi performance anti-scratch and anti-fog treatment with K and N certification.

**BLUE BLOCK**

Blue Block lenses filters the blue radiation.

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
572 - Diamond Clear KN	572.03.05.00	Clear	2C-1.2 U 1 F K N CE	Diamond/After dark	PLUS	EN166 and EN170
572 - Honey Blue Block	572.14.02.C0	Clear	2C-1.2 U 1 F CE	Honey/After dark	BLUE BLOCK	EN166 and EN170
572 - Amethyst Blue Block	572.14.00.C0	Clear	2C-1.2 U 1 F CE	Amethyst/After dark	BLUE BLOCK	EN166 and EN170
572 - Stone Blue Block	572.14.01.C0	Clear	2C-1.2 U 1 F CE	Stone/After dark	BLUE BLOCK	EN166 and EN170

Frame Mark (EU): U EN166 F CE

>> Download the technical data sheets: [www.univetsafety.com/contemporary](http://www.univetsafety.com/contemporary)

573

**Zero metallic components**

Contemporary is made of Polyamide and is therefore devoid of metallic components.

**Side shields**

Integrated transparent shield.



Caliber 53 □ 17 x 125

27 g



Diamond

573 - Diamond Clear KN  
573.03.05.00



Honey

573 - Honey Blue Block  
573.14.02.C0



Amethyst

573 - Amethyst Blue Block  
573.14.00.C0



Stone

573 - Stone Blue Block  
573.14.01.C0

**Lens Technologies**

**PLUS**

Hi performance anti-scratch and anti-fog treatment with K and N certification.

**BLUE BLOCK**

Blue Block lenses filters the blue radiation.

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
573 - Diamond Clear KN	573.03.05.00	Clear	2C-1.2 U 1 F K N CE	Diamond/After dark	PLUS	EN166 and EN170
573 - Honey Blue Block	573.14.02.C0	Clear	2C-1.2 U 1 F CE	Honey/After dark	BLUE BLOCK	EN166 and EN170
573 - Amethyst Blue Block	573.14.00.C0	Clear	2C-1.2 U 1 F CE	Amethyst/After dark	BLUE BLOCK	EN166 and EN170
573 - Stone Blue Block	573.14.01.C0	Clear	2C-1.2 U 1 F CE	Stone/After dark	BLUE BLOCK	EN166 and EN170

Frame Mark (EU): U EN166 F CE

>> Download the technical data sheets: [www.univetsafety.com/contemporary](http://www.univetsafety.com/contemporary)

# 5X1

## TOTAL VERSATILITY

Multifunctional and versatile, the 5X1 was created to guarantee optimal protection in any working condition. On one frame it's possible to assemble a wide range of interchangeable accessories, ensuring every worker can personalise the 5X1 without compromising comfort and protection. The extended wraparound lenses provides extra coverage around the eyes.



Download the Technical Sheets



### Floating lens

More flexible frame for an optimal fit on any face.

### Rubber terminal with inclination movement

Allows the glasses to adhere to the temples for a perfect grip.

### Inclination and length adjustment

Allows correct fitting and constant safety at work.



### Nose pad set-up

Allows to adjust the height of the glasses to ensure maximum optical quality.

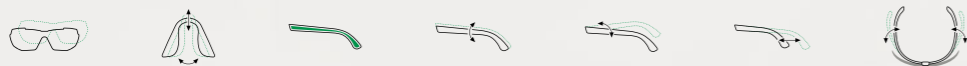
### RX Insert (optional)

It is a special support for mounting prescription lenses. It can be easily applied or removed.

### Lens interchange system

Thanks to the patent lens exchange system it is possible to quickly replace the lens for optimal visibility in any environment.

### Frame Technologies



28 g



5X1 - Clear Plus  
5X1.03.00.00



5X1 - Solar G15  
5X1.03.00.05



5X1 - In/Out  
5X1.30.00.00



5X1 - Clear Hydrophobic  
5X1.04.00.00



5X1 - Clear Anti Reflex  
5X1.40.02.00



5X1 - Contrast  
5X1.00.00.03



5X1 - Welding 3  
5X1.00.00.30



5X1 - Welding 5  
5X1.00.00.50



5X1 - Clear Plus Lens  
5X1K2.03.00



5X1 - Solar G15 Lens  
5X1K2.03.05



5X1 - Contrast Lens  
5X1K2.00.03



5X1 - RX Insert  
5X1.0P.00.00

### Lens Technologies

#### PLUS

Hi performance anti-scratch and anti-fog treatment with K and N certification.

#### CLEAR RFL-X

Treatment that prevents the risk of injury by eliminating glare and increasing visual quality.

#### HOD

Hydrophobic Oleophobic Dry coating improves the sliding of liquids on the lens surface.

Anti-Scratch

Anti-Fog

UV 400

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X1 - Clear Plus	5X1.03.00.00	Clear	2C-1.2 U 1 FT K N CE	Dark grey/Green	PLUS	EN166 and EN170
5X1 - Solar G15	5X1.03.00.05	Green	2C-3/5-3.1 U 1 FT K N CE	Dark grey/Green	PLUS	EN166, EN170 and EN172
5X1 - In/Out	5X1.30.00.00	Clear	2C-1.7/5-1.7 U 1 FT CE	Dark grey/Green		EN166, EN170 and EN172
5X1 - Clear Hydrophobic	5X1.04.00.00	Clear	2C-1.2 U 1 FT CE	Dark grey/Green	HOD	EN166 and EN170
5X1 - Clear Anti Reflex	5X1.40.02.00	Clear	2C-1.2 U 1 FT CE	Black/Orange	CLEAR RFL-X	EN166 and EN170
5X1 - Contrast	5X1.00.00.03	Yellow	2C-1.2 U 1 FT CE	Dark grey/Green		EN166 and EN170
5X1 - Welding 3	5X1.00.00.30	Green	3 U 1 FT CE	Dark grey/Green		EN166 and EN169
5X1 - Welding 5	5X1.00.00.50	Green	5 U 1 FT CE	Dark grey/Green		EN166 and EN169
5X1 - Clear Plus Lens	5X1K2.03.00	Clear	2C-1.2 U 1 FT K N CE	-	PLUS	EN166 and EN170
5X1 - Solar G15 Lens	5X1K2.03.05	Green	2C-3/5-3.1 U 1 FT K N CE	-	PLUS	EN166, EN170 and EN172
5X1 - Contrast Lens	5X1K2.00.03	Yellow	2C-1.2 U 1 FT CE	-		EN166 and EN170

Frame Mark (EU): Mod5X1 U 166 FT U 175-F

>> Download the technical data sheets: [www.univetsafety.com/5x1](http://www.univetsafety.com/5x1)

# 5X1 ZERONoise

5X1 Zeronoise was designed carefully analyzing the geometry of glasses to grant the worker the best possible protection and utter comfort even while using other PPEs.

Download the  
Technical Sheets



## Combined use with earmuffs



### Floating lens

More flexible frame for an optimal fit on any face.

### Inclination adjustment

Allows correct fitting and constant safety at work.

### Nose pad set-up

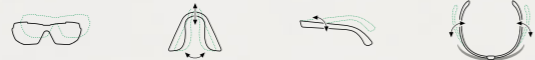
Allows to adjust the height of the glasses to ensure maximum optical quality.

### Lens interchange system

Thanks to the patent lens exchange system it is possible to quickly replace the lens for optimal visibility in any environment.

Frame Technologies

ZERONoise



25 g



5X1Z - Clear Plus  
5X1Z.03.00.00



5X1Z - Solar G15  
5X1Z.03.00.05



5X1 - Clear Plus Lens  
5X1K2.03.00



5X1 - Solar G15 Lens  
5X1K2.03.05



5X1 - Contrast Lens  
5X1K2.00.03



5X1 - Zeronoise Temples  
5X1K3.00.00



5X1 - RX Insert  
5X1.0P.00.00

## Laboratory tests show that

thanks to Zeronoise technology, the combination of earmuffs and glasses ensure extraordinary sound attenuation.

TEST	NOISE LEVEL [dB]	ATTENUATION [dB]	LOSS OF ATTENUATION
EAR MUFF	71.0	24.0	-
EAR MUFF + SPECTACLE	81.3	13.7	-43%
EAR MUFF + ZERONoise SPECTACLE	74.8	20.2	-16%

### Lens Technologies



Hi performance anti-scratch and anti-fog treatment with K and N certification.



Anti-Scratch



Anti-Fog



UV 400

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X1Z - Clear Plus	5X1Z.03.00.00	Clear	2C-1.2 U 1 FT K N CE	Dark grey/Green	V PLUS	EN166 and EN170
5X1Z - Solar G15	5X1Z.03.00.05	Green	2C-3/5-3.1 U 1 FT K N CE	Dark grey/Green	V PLUS	EN166, EN170 and EN172
5X1 - Clear Plus Lens	5X1K2.03.00	Clear	2C-1.2 U 1 FT K N CE	-	V PLUS	EN166 and EN170
5X1 - Solar G15 Lens	5X1K2.03.05	Green	2C-3/5-3.1 U 1 FT K N CE	-	V PLUS	EN166, EN170 and EN172
5X1 - Contrast Lens	5X1K2.00.03	Yellow	2C-1.2 U 1 FT CE	-	Anti-Scratch, Anti-Fog, UV 400	EN166 and EN170

Frame Mark (EU): Mod5X1 U 166 FT U 175-F

>> Download the technical data sheets: [www.univetsafety.com/5x1z](http://www.univetsafety.com/5x1z)

# 5X1 HYBRID

The 5X1 Hybrid, thanks to the field of use 3 marking, is the ideal solution for working activities that require protection from drops or splashes.

Download the  
Technical Sheets



## Liquids protection / 3

### Soft-rubber Gasket

for a gentle support on the face.

### Floating lens

More flexible frame for an optimal fit on any face.

### Nose pad set-up

Allows to adjust the height of the glasses to ensure maximum optical quality.

### Lens interchange system

Thanks to the patent lens exchange system it is possible to quickly replace the lens for optimal visibility in any environment.



### Frame Technologies



38 g\*

\*Weight: 28 g referred to the configuration with temples, without gasket and elastic band



5X1 Hybrid - Clear Plus  
5X1E0030000



5X1 Hybrid - Solar G15  
5X1E0030005



5X1 - Kit Hybrid  
5X1K10000



5X1 - Clear Plus Lens  
5X1K2.03.00



5X1 - Solar G15 Lens  
5X1K2.03.05

### Lens Technologies



Hi performance anti-scratch and anti-fog treatment with K and N certification.



UV 400

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X1 Hybrid - Clear Plus	5X1E0030000	Clear	2C-1.2 U 1 FT K N CE	Dark grey/Green	7PLUS	EN166 and EN170
5X1 Hybrid - Solar G15	5X1E0030005	Green	2C-3/5-3.1 U 1 FT K N CE	Dark grey/Green	7PLUS	EN166, EN170 and EN172
5X1 - Clear Plus Lens	5X1K2.03.00	Clear	2C-1.2 U 1 FT K N CE	-	7PLUS	EN166 and EN170
5X1 - Solar G15 Lens	5X1K2.03.05	Green	2C-3/5-3.1 U 1 FT K N CE	-	7PLUS	EN166, EN170 and EN172

Frame Mark (EU): CE Gasket Mark (EU): Mod.5X1 U EN166 FT / U EN175 -F CE / U EN166 3 FT Mod.5X1G CE

>> Download the technical data sheets: [www.univetsafety.com/5x1-hybrid](http://www.univetsafety.com/5x1-hybrid)

# 5X3

## HIGH TECHNOLOGY

The model 5X3 is realised with the exclusive Floating Lens technology that allows to anchor the lens only to a single point of the frame, while ensuring extreme stability and total possibility of self-adaptation to the face.

Download the Technical Sheets



### Rubber terminal

Improves adherence to the temples for a perfect fit.



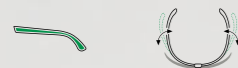
### Sweatguard and rubber nose pad

Guarantee comfort and stability with a shockproof effect.

### Floating lens

More flexible frame for an optimal fit on any face.

### Frame Technologies



31 g



5X3 - Clear Ultra  
5X3.03.33.00



5X3 - Clear  
5X3.01.35.00



5X3 - Solar Brown  
5X3.03.33.08



5X3 - High Contrast  
5X3.03.33.04



5X3 - Intense Light  
5X3.03.33.09



5X3 - Solar Flash Mirror  
5X3.12.35.02



5X3 - Welding 3  
5X3.03.35.30



5X3 - Welding 5  
5X3.03.35.50

### Lens Technologies



Double treatment anti-scratch on the outer side and anti-fog on the inner side, with outstanding performance and K and N certification.



Hi performance anti-scratch and anti-fog treatment with K and N certification.



Anti-Scratch (K)



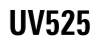
Anti-Fog (N)



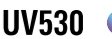
UV 380



UV 400



UV 525



UV 530



Mirrored Lens

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X3 - Clear Ultra	5X3.03.33.00	Clear	2C-1.2 U 1 FT K N CE	Black/Orange	UDC UV380	EN166 and EN170
5X3 - Clear	5X3.01.35.00	Clear	2C-1.2 U 1 FT K CE	Black/Green	UV380	EN166 and EN170
5X3 - Solar Brown	5X3.03.33.08	Brown	2C-3/5-3.1 U 1 FT K N CE	Black/Orange	UDC	EN166, EN170 and EN172
5X3 - High Contrast	5X3.03.33.04	Orange	2-1.7 U 1 FT K N CE	Black/Orange	UDC UV525	EN166 and EN170
5X3 - Intense Light	5X3.03.33.09	Amber	2-5 U 1 FT K N CE	Black/Orange	UDC UV530	EN166 and EN170
5X3 - Solar Flash Mirror	5X3.12.35.02	Grey	2C-3/5-3.1 U 1 FT N CE	Black/Green	PLUS UV380	EN166, EN170 and EN172
5X3 - Welding 3	5X3.03.35.30	Green	3 U 1 FT K N CE	Black/Green	PLUS	EN166, EN169 and EN175
5X3 - Welding 5	5X3.03.35.50	Green	5 U 1 FT K N CE	Black/Green	PLUS	EN166, EN169 and EN175

Frame Mark (EU): U EN166 FT CE Frame Mark 5X3 - Welding 3 and 5X3 - Welding 5 (EU): U EN175 FT CE

# 5X4

## EXCELLENT ERGONOMICS

5X4 was the first model where Univet transferred its experience from the fashion glasses design to the Safety field.

Download the  
Technical Sheets



**Frame**  
Glossy varnish frame.

**Nose bridge**  
One-piece hypoallergenic nose bridge

**Great side protection**  
Thanks to the wraparound design of the lenses.

28 g



5X4 - Clear Plus  
5X4.03.40.00



5X4 - Solar G15  
5X4.03.30.05



5X4 - In/Out  
5X4.13.10.00

### Lens Technologies

- Anti-Scratch (K)
- Anti-Fog (N)
- Anti-Scratch
- UV 400

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X4 - Clear Plus	5X4.03.40.00	Clear	2C-1.2 U 1 FT K N CE	Red painted		EN166 and EN170
5X4 - Solar G15	5X4.03.30.05	Green	2C-3/5-3.1 U 1 FT K N CE	Black painted		EN166, EN170 and EN172
5X4 - In/Out	5X4.13.10.00	Clear	2C-1.7/5-1.7 U 1 FT CE	Blue painted		EN166, EN170 and EN172

Frame Mark (EU): U EN166 FT CE

>> Download the technical data sheets: [www.univetsafety.com/5x4](http://www.univetsafety.com/5x4)

# 5X7

## TOTAL PROTECTION

5X7 is designed for a perfect integration with prescription glasses. The exclusive SoftPad technology, a high-strength insert combined with temple adjustments, ensure maximum stability even in extreme conditions.

Download the Technical Sheets



**Upper frontal**  
Grants comfort and stability with a shockproof effect.

**Rubber terminal with tilting movement**  
Allows glasses to adhere to the temples for a perfect grip.

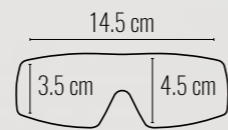
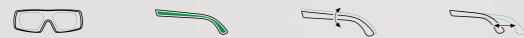
**Length adjustment**  
Allows to obtain the correct fit and work in constant safety.



**Perfect integration**  
Designed for perfect integration with the prescription glasses, ensuring total protection.

**Side shields**  
Improved peripheral protection even in combination with eyeglasses.

### Frame Technologies



37 g



5X7 - Clear  
5X7.01.00.00



5X7 - Clear Plus  
5X7.03.11.00



5X7 - Clear Anti Reflex  
5X7.40.00.00



5X7 - In/Out  
5X7.31.11.00



5X7 - Solar Smoke  
5X7.01.11.02



5X7 - Intense Light  
5X7.01.00.09



5X7 - High Contrast  
5X7.03.00.04



5X7 - Solar/Welding IR 1.7  
5X7.01.11.47



5X7 - Welding 1.7  
5X7.01.11.17



5X7 - Welding 3  
5X7.01.11.30



5X7 - Welding 5  
5X7.01.11.50

### Lens Technologies



Hi performance anti-scratch and anti-fog treatment with K and N certification.



Treatment that prevents the risk of injury by eliminating glare and increasing visual quality.



Anti-Scratch (K)



Anti-Scratch



UV 400



UV 525



UV 530

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X7 - Clear	5X7.01.00.00	Clear	2C-1.2 U 1 FT K CE	Black/Orange	☑️	EN166 and EN170
5X7 - Clear Plus	5X7.03.11.00	Clear	2C-1.2 U 1 FT K N CE	Gunmetal/Green	PLUS	EN166 and EN170
5X7 - Clear Anti Reflex	5X7.40.00.00	Clear	2C-1.2 U 1 FT CE	Black/Orange	CLEAR RFL-X	EN166 and EN170
5X7 - In/Out	5X7.31.11.00	Clear	2C-1.7/5-1.7 U 1 FT CE	Gunmetal/Green	☑️	EN166, EN170 and EN172
5X7 - Solar Smoke	5X7.01.11.02	Grey	2C-2.5/5-2.5 U 1 FT K CE	Gunmetal/Green	☑️	EN166, EN170 and EN172
5X7 - Intense Light	5X7.01.00.09	Amber	2-5 U 1 FT K CE	Black/Orange	☑️ UV530	EN166 and EN170
5X7 - High Contrast	5X7.03.00.04	Orange	2-1.7 U 1 FT K N CE	Black/Orange	PLUS UV525	EN166 and EN170
5X7 - Solar/Welding IR 1.7	5X7.01.11.47	Green	1.7/2C-1.7/4-1.7/6-1.7 U 1 FT K CE	Gunmetal/Green	☑️	EN166, EN169, EN170, EN171, EN172 and EN175
5X7 - Welding 1.7	5X7.01.11.17	Green	1.7 U 1 FT K CE	Gunmetal/Green	☑️	EN166, EN169 and EN175
5X7 - Welding 3	5X7.01.11.30	Green	3 U 1 FT K CE	Gunmetal/Green	☑️	EN166, EN169 and EN175
5X7 - Welding 5	5X7.01.11.50	Green	5 U 1 FT K CE	Gunmetal/Green	☑️	EN166, EN169 and EN175

Frame Mark (EU): Mod.5X7 U EN166 FT U EN175 FT CE

>> Download the technical data sheets: [www.univetsafety.com/5x7](http://www.univetsafety.com/5x7)

# 5X8

## EFFECTIVE PROTECTION

The 5X8 represents the essence of protective eyewear. The innovative SoftPad technology combines to the excellent coverage of the eye area and the angle adjustment of the temples for exceptional comfort and stability. The range of lenses and treatment is complete and highly performing to meet the protection needs of several working environments.

Download the  
Technical Sheets



### Rubber terminal with tilting movement

Allows the glasses to adhere to the temples for a perfect grip.

### Inclination and length adjustment

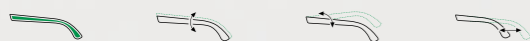
Allows the correct fitting and to work in constant safety.



### Rubber nose pad

Enhances comfort and a better stability.

### Frame Technologies



29 g



5X8 - Clear  
5X8.01.00.00



5X8 - Clear Plus  
5X8.03.11.00



5X8 - Solar G15  
5X8.03.00.05



5X8 - In/Out  
5X8.31.11.00



5X8 - Contrast  
5X8.03.00.03

### Lens Technologies



Hi performance anti-scratch and anti-fog treatment with K and N certification.



Anti-Scratch (K)



Anti-Scratch



UV 400

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X8 - Clear	5X8.01.00.00	Clear	2C-1.2 U 1 FT K CE	Black/Orange		EN166 and EN170
5X8 - Clear Plus	5X8.03.11.00	Clear	2C-1.2 U 1 FT K N CE	Gunmetal/Green		EN166 and EN170
5X8 - Solar G15	5X8.03.00.05	Green	2C-3/5-3.1 U 1 FT K N CE	Gunmetal/Green		EN166, EN170 and EN172
5X8 - In/Out	5X8.31.11.00	Clear	2C-1.7/5-1.7 U 1 FT CE	Gunmetal/Green		EN166, EN170 and EN172
5X8 - Contrast	5X8.03.00.03	Yellow	2C-1.2/5-1.4 U 1 FT K N CE	Black/Orange		EN166, EN170 and EN172

Frame Mark (EU): U EN166 FT CE

>> Download the technical data sheets: [www.univetsafety.com/5x8](http://www.univetsafety.com/5x8)



# 5X9

## SPORTY AND MODULAR

The two-lens structure of the model 5X9 permits to provide the device with alternative materials to polycarbonate lenses, offering protection to a greater number of professional fields.



Download the Technical Sheets



### Rubber terminal with tilting movement

Allows the glasses to adhere to the temples for a perfect grip.

### Gasket accessory

Soft-rubber Gasket for a gentle support on the face.

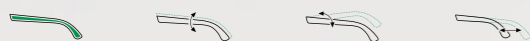
### Inclination and length adjustment

Allows the correct fitting and to work in constant safety.

### Side shield with ventilation system

Increases the level of peripheral protection while reducing the risk of fogging, thanks to a ventilation opening.

### Frame Technologies



35 g



5X9 - Clear 1  
5X9.01.11.00



5X9 - Clear 2  
5X9.03.00.00



5X9 - Clear CR39  
5X9.10.00.00



5X9 - Clear Glass  
5X9.20.00.00



5X9 - Gasket  
5X9G.00.00

>> Gasket not compatible with welding accessory 5X9 Flip.

### Lens Technologies



Anti-Scratch (K)



Anti-Fog (N)

### UV380

UV 380

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X9 - Clear 1	5X9.01.11.00	Clear	2C-1.2 U 1 FT K CE	Gunmetal/Orange	UV380	EN166 and EN170
5X9 - Clear 2	5X9.03.00.00	Clear	2C-1.2 U 1 FT K N CE	Gunmetal/Green	UV380	EN166 and EN170
5X9 - Clear CR39	5X9.10.00.00	Clear	2C-1.2 U 1 FT CE	Gunmetal/Green	-	EN166 and EN170
5X9 - Clear Glass	5X9.20.00.00	Clear	U 1 S CE	Gunmetal/Green	-	EN166

Frame Mark (EU): U EN166 FT CE

>> Download the technical data sheets: [www.univetsafety.com/5x9](http://www.univetsafety.com/5x9)

# 5X9R

## WELDING ACCESSORIES

The integrated flip-up perfectly combines with the glasses forming a unique modular system for maximum flexibility of use, made possible by the wide range of filters in the catalogue.



Download the  
Technical Sheets



### Welding Flip-up

In combination with the spectacles, it forms a single modular system for maximum protection and flexibility of use.



5X9 FLIP - Solar/Welding IR 1.7  
5X9R.00.47



5X9 FLIP - Welding 1.7  
5X9R.00.17



5X9 FLIP - Welding 3  
5X9R.00.30



5X9 FLIP - Welding 4  
5X9R.00.40



5X9 FLIP - Welding 5  
5X9R.00.50



5X9 FLIP - Welding 6  
5X9R.00.60



5X9 FLIP - Welding 7  
5X9R.00.70



5X9 FLIP - IR 4-2 Glass  
5X9R.20.42



5X9 FLIP - IR 4-5 Glass  
5X9R.20.Y3



5X9 FLIP - Didymium Glass  
5X9R.20.Y2

>> The above mentioned codes are referred to the filter only and do not include the glasses: **5X9** page 79

### Lens Technologies



Anti-Scratch

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X9 FLIP - Solar/Welding IR 1.7	5X9R.00.47	Green	1.7/2C-1.7/4-1.7/6-1.7 U 1 FT CE	Gunmetal	☒	EN166, EN169, EN170, EN171 and EN172
5X9 FLIP - Welding 1.7	5X9R.00.17	Green	1.7 U 1 FT CE	Gunmetal	☒	EN166, EN169 and EN170
5X9 FLIP - Welding 3	5X9R.00.30	Green	3 U 1 FT CE	Gunmetal	☒	EN166 and EN169
5X9 FLIP - Welding 4	5X9R.00.40	Green	4 U 1 FT CE	Gunmetal	☒	EN166 and EN169
5X9 FLIP - Welding 5	5X9R.00.50	Green	5 U 1 FT CE	Gunmetal	☒	EN166 and EN169
5X9 FLIP - Welding 6	5X9R.00.60	Green	6 U 1 FT CE	Gunmetal	☒	EN166 and EN169
5X9 FLIP - Welding 7	5X9R.00.70	Green	7 U 1 FT CE	Gunmetal	☒	EN166 and EN169
5X9 FLIP - IR 4-2 Glass	5X9R.20.42	Blue	4-2 U 1 CE	Gunmetal	-	EN166 and EN171
5X9 FLIP - IR 4-5 Glass	5X9R.20.Y3	Blue	4-5 U 1 CE	Gunmetal	-	EN166 and EN171
5X9 FLIP - Didymium Glass	5X9R.20.Y2	Purple	U 2 CE	Gunmetal	-	EN166

Frame Mark (EU): -

>> Download the technical data sheets: [www.univetsafety.com/5x9](http://www.univetsafety.com/5x9)

# 5X9 SPORT

Safety glasses enter a new dimension, designed to have the maximum impact protection and guarantee comfort and lightness as sport glasses.

Download the  
Technical Sheets



### Rubber terminal with tilting movement

Allows the glasses to adhere to the temples for a perfect grip.

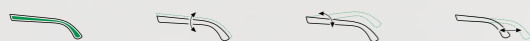
### Inclination and length adjustment

Allows the correct fitting and to work in constant safety.

### Side shield with ventilation system

Increases the level of peripheral protection while reducing the risk of fogging, thanks to a ventilation opening.

### Frame Technologies



35 g



5X9 SPORT - Solar Mirror  
5X9.04.02.09



5X9 SPORT - Solar Polarized  
5X9.03.02.P2



5X9 SPORT - Solar G15  
5X9.03.02.05



5X9 SPORT - In/Out Photo  
5X9.01.02.F0

### Lens Technologies



Hi performance anti-scratch and anti-fog treatment with K and N certification.



Anti-Scratch



Anti-reflection solar lens.



Adaptive protection for indoor and outdoor activities.



Mirrored Lens

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X9 SPORT - Solar Mirror	5X9.04.02.09	Green and Blue	2C-3/5-3.1 U 1 FT CE	Black/Green		EN166, EN170 and EN172
5X9 SPORT - Solar Polarized	5X9.03.02.P2	Grey	2C-3/5-3.1 U 1 FT K N CE	Black/Green		EN166, EN170 and EN172
5X9 SPORT - Solar G15	5X9.03.02.05	Green	2C-3/5-3.1 U 1 FT K N CE	Black/Green		EN166, EN170 and EN172
5X9 SPORT - In/Out Photo	5X9.01.02.F0	Clear and Grey	5-1.1< 5-2.5 U 1 FT CE	Black/Green		EN166 and EN172

Frame Mark (EU): U EN166 FT CE

>> Download the technical data sheets: [www.univetsafety.com/5x9-sport](http://www.univetsafety.com/5x9-sport)

# 506 UP

## HIGH COMFORT

506 UP presents technical and aesthetic improvements. The panoramic and wrapping lens is available with Vanguard Plus coating for superior performance in all conditions. The temples with rubber tips and adjustable in length and inclination, the total adaptability of the nose pad and the new range of vibrant colors allow a high degree of customisation of the device.



Download the Technical Sheets



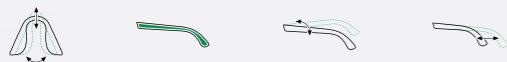
**Soft terminal tips**  
To eliminate local pressure.

**Inclination and length adjustment**  
Allows the correct fitting and to work in constant safety.

**Rubber nose pad**  
Adaptable to the shape of the face, it ensures better comfort.

**Side protection**  
Thanks to a panoramic and wraparound lens.

### Frame Technologies



25 g



506 UP - Clear Plus 1  
506U.03.00.00



506 UP - Clear Plus 2  
506U.03.02.00



506 UP - Clear 3  
506U.04.03.00



506 UP - Clear 4  
506U.06.01.00



506 UP - In/Out G65  
506U.63.08.00



506 UP - In/Out  
506U.64.01.00



506 UP - Solar G15  
506U.04.04.05



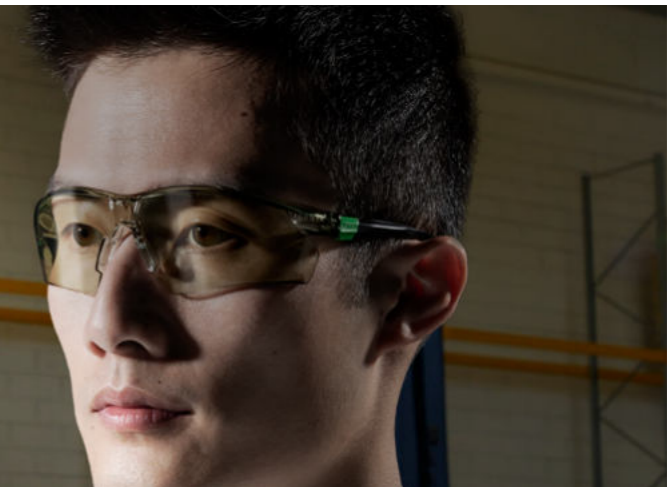
506 UP - Solar Flash Mirror  
506U.14.01.02

## G65

Protection in environments that experience rapid changes in lighting and temperature

The new G65 lens, developed by the Univet research centre, combines a tint that can filter ambient light with the Vanguard Plus ultra-performing anti-fog technology.

>> Learn more on page 7



### Lens Technologies

#### V PLUS

Hi performance anti-scratch and anti-fog treatment with K and N certification.

#### G65

Anti-fog and scratch-resistant In/Out lens, ideal for environments that experience rapid changes in brightness and temperature.



Anti-Scratch



Anti-Fog

#### UV380

UV 380



UV 400



Mirrored Lens

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
506 UP - Clear Plus 1	506U.03.00.00	Clear	2C-1.2 U 1 FT K N CE	White/Green	V PLUS	EN166 and EN170
506 UP - Clear Plus 2	506U.03.02.00	Clear	2C-1.2 U 1 FT K N CE	White/Pink	V PLUS	EN166 and EN170
506 UP - Clear 3	506U.04.03.00	Clear	2C-1.2 U 1 FT CE	Black/Orange	UV380	EN166 and EN170
506 UP - Clear 4	506U.06.01.00	Clear	2C-1.2 U 1 FT CE	Black/Green	UV380	EN166 and EN170
506 UP - In/Out G65	506U.63.08.00	Clear	2C-1.4/5-1.4 U 1 FT K N CE	Black/Green	G65 V PLUS	EN166, EN170 and EN172
506 UP - In/Out	506U.64.01.00	Clear	2C-1.7/5-1.7 U 1 FT CE	Black/Green		EN166, EN170 and EN172
506 UP - Solar G15	506U.04.04.05	Green	2C-3/5-3.1 U 1 FT CE	Black/Green		EN166, EN170 and EN172
506 UP - Solar Flash Mirror	506U.14.01.02	Grey	2C-3/5-3.1 U 1 FT CE	Black/Green		EN166, EN170 and EN172

Frame Mark (EU): 506U U 166 FT CE

>> Download the technical data sheets: [www.univetsafety.com/506up](http://www.univetsafety.com/506up)

# 506 UP

## HYBRID

Extremely light and wraparound, the 506 UP Hybrid is equipped with a wide panoramic lens for better side protection and with Vanguard PLUS technology, Univet's ultra-performing anti-fog and scratch-resistant treatment. The adjustable elastic band and soft gasket reduce pressure to a minimum for greater comfort and better protection.



Download the  
Technical Sheets



### Soft-rubber Gasket

for a gentle support on the face.

### Soft terminal tips

To eliminate local pressure.

### Elastic band

Adjustable to fit any conformation.

### Rubber nose pad

Adaptable to the shape of the face, it ensures better comfort.

### Side protection

Thanks to a panoramic and wraparound lens.



### Frame Technologies



38 g



506 UP Hybrid - Clear Plus  
506UG.03.00.00



506 UP Hybrid - In/Out G65  
506UG.63.08.00



506 UP - Hybrid Kit  
506U.K1.00.00

## Versatile protection

Thanks to the easy disassembly of the elastic band and the gasket, 506 UP Hybrid quickly transforms into a pair of ultra light, comfortable safety glasses. 506 UP Hybrid is the versatile and ideal solution to protect you during your work.



### Lens Technologies

#### V PLUS

Hi performance anti-scratch and anti-fog treatment with K and N certification.

#### G65

Anti-fog and scratch-resistant In/Out lens, ideal for environments that experience rapid changes in brightness and temperature.

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
506 UP Hybrid - Clear Plus	506UG.03.00.00	Clear	2C-1.2 U 1 FT K N CE	White/Green	V PLUS	EN166 and EN170
506 UP Hybrid - In/Out G65	506UG.63.08.00	Clear	2C-1.4/5-1.4 U 1 FT K N CE	Black/Green	G65 V PLUS	EN166, EN170 and EN172

Frame Mark (UE): 506U U 166 FT CE Gasket Mark (UE): 506U U 166 FT CE / U 175 -F 506UG U 166 FT CE

>> Download the technical data sheets: [www.univetsafety.com/506up-hybrid](http://www.univetsafety.com/506up-hybrid)

# 553 ZERONoise

The innovative 553 Zeronoise is equipped with patented temples specially designed to facilitate the combined use with hearing protection devices: the shorter terminals and the reduced sections cancel the interference with cushions avoiding the ear muff loses part of its attenuation capacity. The flexible and shaped temples give the operator comfort, and allow to wear the glasses without having to remove the ear muffs.

Download the  
Technical Sheets



### Temples with Zeronoise technology

Designed for a perfect interaction with earmuffs.

### Temples with reduced section

Flexible and resistant.

### Lateral protection

Thanks to a wraparound design.

Frame Technologies

ZERONoise

NEXXT

19 g



553Z - Clear  
553Z.01.00.00



553Z - Solar G15  
553Z.01.02.05



553Z - In/Out  
553Z.34.00.00



553Z - Contrast  
553Z.01.01.03

## Laboratory tests show that

thanks to Zeronoise technology, the combination of earmuffs and glasses ensure extraordinary sound attenuation.

TEST	NOISE LEVEL [dB]	ATTENUATION [dB]	LOSS OF ATTENUATION
EAR MUFF	71.0	24.0	-
EAR MUFF + SPECTACLE	81.3	13.7	-43%
EAR MUFF + ZERONoise SPECTACLE	74.8	20.2	-16%

### Lens Technologies



Anti-Scratch (K)



Anti-Scratch



Anti-Fog



UV 400

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
553Z - Clear	553Z.01.00.00	Clear	2C-1.2 U 1 FT K CE	Clear	Anti-Scratch (K)	EN166 and EN170
553Z - Solar G15	553Z.01.02.05	Green	2C-3/5-3.1 U 1 FT K CE	Green G15	Anti-Scratch (K), Anti-Fog	EN166, EN170 and EN172
553Z - In/Out	553Z.34.00.00	Clear	2C-1.7/5-1.7 U 1 FT CE	Steel	Anti-Fog	EN166, EN170 and EN172
553Z - Contrast	553Z.01.01.03	Yellow	2C-1.2 U 1 FT K CE	Yellow	Anti-Scratch (K)	EN166 and EN170

Frame Mark (EU): U EN166 FT CE

>> Download the technical data sheets: [www.univetsafety.com/553z](http://www.univetsafety.com/553z)

# 505 UP

23 g



Frame Technologies



505 UP - Clear 1  
505U.00.00.00



505 UP - Clear 2  
505U.00.00.11



505 UP - Clear 3  
505U.03.00.00



505 UP - Solar Brown  
505U.00.00.18



505 UP - Solar Smoke 1  
505U.00.00.02



505 UP - Solar Smoke 2  
505U.03.00.02



505 UP - Solar Blue Mirror  
505U.00.00.37



505 UP - Contrast 1  
505U.00.00.19



505 UP - Contrast 2  
505U.03.00.19

- > Soft adjustable nose pad
- > Temple designed for a better ergonomomy
- > Panoramic and wraparound lens for a better side protection

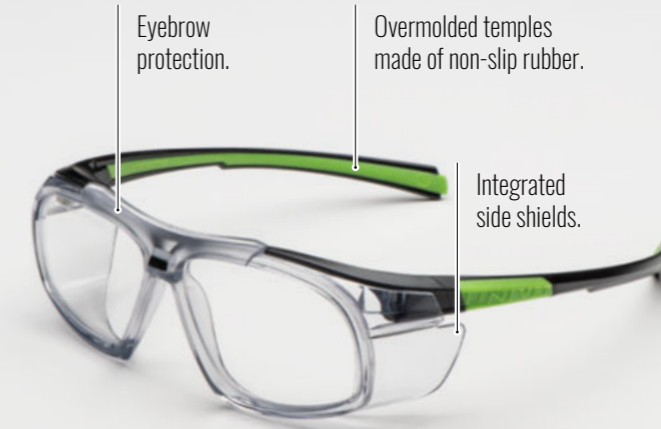
Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
505 UP - Clear 1	505U.00.00.00	Clear	2C-1.2 U 1 FT CE	Clear	UV380	EN166 and EN170
505 UP - Clear 2	505U.00.00.11	Clear	2C-1.2 U 1 FT CE	Clear	UV380	EN166 and EN170
505 UP - Clear 3	505U.03.00.00	Clear	2C-1.2 U 1 FT K N CE	Clear	UV380	EN166 and EN170
505 UP - Solar Brown	505U.00.00.18	Brown	2C-3/5-3.1 U 1 FT CE	Brown		EN166, EN170 and EN172
505 UP - Solar Smoke 1	505U.00.00.02	Grey	2C-3/5-3.1 U 1 FT CE	Smoke		EN166, EN170 and EN172
505 UP - Solar Smoke 2	505U.03.00.02	Grey	2C-3/5-3.1 U 1 FT K N CE	Smoke		EN166, EN170 and EN172
505 UP - Contrast 1	505U.00.00.19	Yellow	2C-1.2 U 1 FT CE	Yellow		EN166 and EN170
505 UP - Contrast 2	505U.03.00.19	Yellow	2C-1.2 U 1 FT K N CE	Yellow		EN166 and EN170
505 UP - Solar Blue Mirror	505U.00.00.37	Blue	2C-1.7/5-1.7 U 1 FT CE	Blue		EN166, EN170 and EN172

Frame Mark (UE): 505U U 166 FT CE

>> Download the technical data sheets: [www.univetsafety.com/505up](http://www.univetsafety.com/505up)

# 555

32 g



Frame Technologies



555 - Clear  
555.03.00.00

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
555 - Clear	555.03.00.00	Clear	2C-1.2 U 1 FT K N CE	Black/Green		EN166 and EN170

555 Frame Mark (UE): U EN166 FT CE

>> Download the technical data sheets: [www.univetsafety.com/555](http://www.univetsafety.com/555)

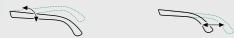
# 511/511 KIDS

Available the version certified to small faces (511.03.01.00H).

Adjustment of temples in length and inclination.

Built-in side shields.

Frame Technologies



30 g



# 513

Non-slip rubber nose pad.

Eyebrow protection.

Temple in anallergic rubber.

Frame Technologies



22 g



511 - Clear 1  
511.00.03.01A



511 - Clear 2  
511.03.01.00A



511 - Welding 3  
511.03.03.03



511 - Welding 5  
511.03.03.05



511H - Kids Clear  
511.03.01.00H



513 - Clear 1  
513.01.00.00



513 - Clear 2  
513.02.00.00



513 - Solar Smoke 1  
513.01.10.02



513 - Solar Smoke 2  
513.03.10.02



513 - In/Out  
513.51.00.00

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
511 - Clear 1	511.00.03.01	Clear	2C-1.2 U 1 F CE	Black		EN166 and EN170
511 - Clear 2	511.03.01.00	Clear	2C-1.2 U 1 F CE	Blue		EN166 and EN170
511 - Welding 3	511.03.03.03	Green	3 U 1 F CE	Black		EN169 and EN175
511 - Welding 5	511.03.03.05	Green	5 U 1 F CE	Black		EN169 and EN175
511H - Kids Clear	511.03.01.00H	Clear	2C-1.2 U 1 F CE	Blue		EN166 and EN170

Frame Mark 511 - Clear 1 and 511 - Clear 2 (EU): U EN166 F CE Frame Mark 511 - Welding 3 and 511 - Welding 5 (EU): U EN175 F CE  
Frame Mark 511H - Kids Clear (EU): U EN166 F H CE

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
513 - Clear 1	513.01.00.00	Clear	2C-1.2 U 1 FT CE	Clear/Orange		EN166 and EN170
513 - Clear 2	513.02.00.00	Clear	2C-1.2 U 1 FT CE	Clear/Orange		EN166 and EN170
513 - Solar Smoke 1	513.01.10.02	Grey	2C-3/5-3.1 U 1 FT CE	Smoke/Orange		EN166, EN170 and EN172
513 - Solar Smoke 2	513.03.10.02	Grey	2C-3/5-3.1 U 1 FT CE	Smoke/Orange		EN166, EN170 and EN172
513 - In/Out	513.51.00.00	Clear	2C-1.7/5-1.7 U 1 FT CE	Smoke/Orange		EN166, EN170 and EN172

Frame Mark (EU): Mod. 513 CE U EN166 FT



# 516

Anatomical soft rubber nose bridge.

Wraparound model, guarantees optimal lateral protection.

Temple in anallergic rubber.



24 g

Frame Technologies

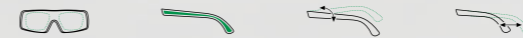


# 519

43 g



Frame Technologies



# 520

43 g



Frame Technologies



516 - Clear 1  
516.01.00.00



516 - Clear 2  
516.02.00.00



516 - Clear Flash Mirror  
516.11.00.00



516 - Solar Smoke 1  
516.01.10.02



516 - Solar Smoke 2  
516.03.10.02



516 - Solar Blue Mirror  
516.51.10.02



516 - Contrast  
516.01.20.03

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
516 - Clear 1	516.01.00.00	Clear	2C-1.2 U 1 FT CE	Clear/Green	UV380	EN166 and EN170
516 - Clear 2	516.02.00.00	Clear	2C-1.2 U 1 FT CE	Clear/Green	UV380	EN166 and EN170
516 - Clear Flash Mirror	516.11.00.00	Clear	2C-1.7/5-1.7 U 1 FT CE	Clear/Green	UV380	EN166, EN170 and EN172
516 - Solar Smoke 1	516.01.10.02	Grey	2C-2.5/5-2.5 U 1 FT CE	Smoke/Green	UV380	EN166, EN170 and EN172
516 - Solar Smoke 2	516.03.10.02	Grey	2C-2.5/5-2.5 U 1 FT CE	Smoke/Green	UV380	EN166, EN170 and EN172
516 - Solar Blue Mirror	516.51.10.02	Grey and Blue	2C-2.5/5-2.5 U 1 FT CE	Smoke/Green	UV380	EN166, EN170 and EN172
516 - Contrast	516.01.20.03	Yellow	2C-1.2 U 1 FT CE	Yellow/Green	UV380	EN166 and EN170

Marcatura Montatura (UE): Mod.516 U EN166 FT CE

- > Can be worn over prescription glasses
- > Adjustment of temples in length and inclination
- > Overmoulded terminal for better comfort and stability
- > Ventilation system in the side protections



519 - Clear 1  
519.00.00.00

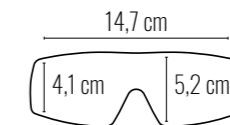
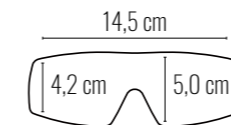


519 - Clear 2  
519.00.00.11



520 - Clear  
520110000A

- > Can be worn over prescription glasses
- > Entirely made of polycarbonate, completely metal free
- > Ventilation system in the side protections



Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
519 - Clear 1	519.00.00.00	Clear	2C-1.2 U 1 FT CE	Clear/Black		EN166 and EN170
519 - Clear 2	519.00.00.11	Clear	2C-1.2 U 1 FT K N CE	Clear/Black		EN166 and EN170
520 - Clear	520110000A	Clear	2-1.2 U 1 F CE	Clear		EN166 and EN170

519 Frame Mark (UE): U EN166 FT CE

520 Frame Mark (UE): U EN166 F CE

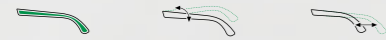
529

Spherical lens for a wide field of view.

Temple's terminal tips realised with overmoulding technology gives the glasses an excellent wearability.

Adjustment of temples in length and inclination.

Frame Technologies



35 g



529 - Clear 1  
529.00.05.00



529 - Clear 2  
529.00.06.11

546

Non-slip rubber nose pad.

Temples equipped with overmoulding technology guarantee excellent fit and comfort.

Wraparound polycarbonate lens with integrated side shields.

Frame Technologies



30 g



546 - Clear 1  
546.01.42.00



546 - Clear 2  
546.03.45.00



546 - High Contrast  
546.03.42.04



546 - Solar Flash Mirror  
546.12.45.02

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
529 - Clear 1	529.00.05.00	Clear	2C-1.2 U 1 FT K CE	Black/Orange		EN166 and EN170
529 - Clear 2	529.00.06.11	Clear	2C-1.2 U 1 FT K N CE	Black/Green		EN166 and EN170

Frame Mark (EU): U EN166 FT CE

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
546 - Clear 1	546.01.42.00	Clear	2C-1.2 U 1 FT CE	Black/Orange		EN166 and EN170
546 - Clear 2	546.03.45.00	Clear	2C-1.2 U 1 FT K N CE	Black/Green		EN166 and EN170
546 - High Contrast	546.03.42.04	Orange	2-1.7 U 1 FT K N CE	Black/Orange		EN166 and EN170
546 - Solar Flash Mirror	546.12.45.02	Grey	2C-3/5-3.1 U 1 FT CE	Black/Green		EN166, EN170 and EN172

Frame Mark (EU): CE U EN166 FT

# 566

Central screw for quick lens replacement.

Two-lens eyewear equipped with tilting vented side shields.



36 g



566 - Clear  
566.00.00.00



566 - Clear Glass  
566.01.00.00



566 - Welding 5  
566.00.00.50



566 - Welding 5 Glass  
566.01.00.50



566 - Clear Lens  
137.00.34



566 - Clear Glass Lens  
137.00.32



566 - Welding 5 Lens  
137.00.35



566 - Welding 5 Glass Lens  
137.00.33

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
566 - Clear	566.00.00.00	Clear	2C-1.2 U 1 F CE	Black	☒	EN166 and EN170
566 - Clear Glass	566.01.00.00	Clear	U 1 S CE	Black	-	EN166
566 - Welding 5	566.00.00.50	Green	5 U 1 F CE	Black	☒	EN166, EN169 and EN175
566 - Welding 5 Glass	566.01.00.50	Green	5 U 1 CE	Black	-	EN166 and EN169
566 - Clear Lens	137.00.34	Clear	2C-1.2 U 1 F CE	-	☒	EN166 and EN170
566 - Clear Glass Lens	137.00.32	Clear	U 1 S CE	-	-	EN166
566 - Welding 5 Lens	137.00.35	Green	5 U 1 F CE	-	☒	EN166, EN169 and EN175
566 - Welding 5 Glass Lens	137.00.33	Green	5 U 1 CE	-	-	EN166 and EN169

Frame Mark (EU): U EN166 F CE U EN175 F CE

>> Download the technical data sheets: [www.univetsafety.com/566](http://www.univetsafety.com/566)

# 568 / 568 KIDS

Lightweight and handy, entirely made of polycarbonate.

Available the version certified to small faces (568.01.00.00H).



23 g



568 - Clear 1  
568.01.00.00



568 - Clear 2  
568.02.01.00



568 - Solar 1  
568.01.01.02



568 - Solar 2  
568.02.01.02



568 - Contrast  
568.01.03.03

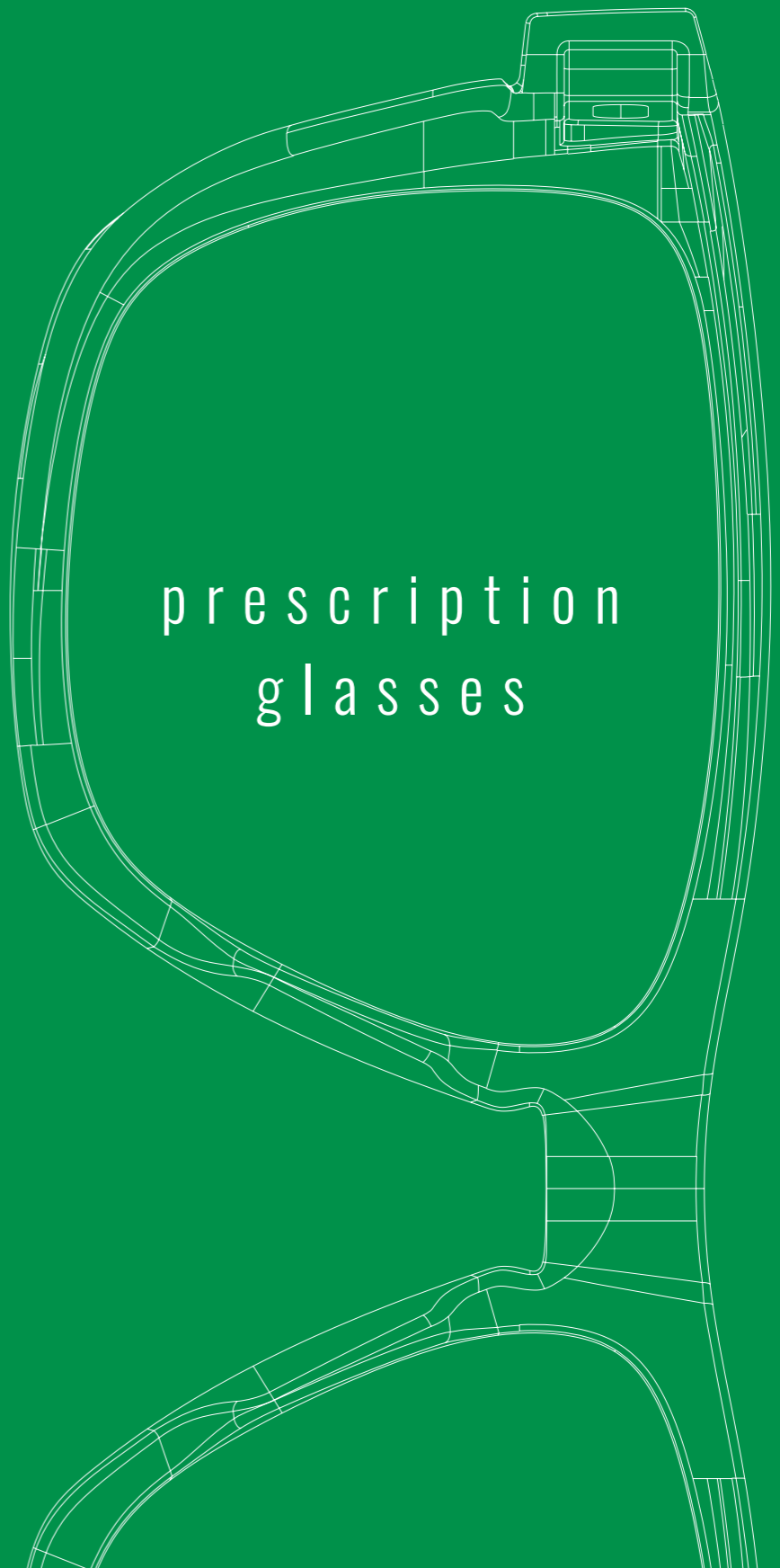


568H - Kids Clear  
568.01.00.00H

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
568 - Clear 1	568.01.00.00	Clear	2C-1.2 U 1 FT CE	Clear	☒ UV380	EN166 and EN170
568 - Clear 2	568.02.01.00	Clear	2C-1.2 U 1 FT CE	Smoke	☒ UV380	EN166 and EN170
568 - Solar 1	568.01.01.02	Grey	2C-3/5-3.1 U 1 FT CE	Smoke	☒	EN166, EN170 and EN172
568 - Solar 2	568.02.01.02	Grey	2C-3/5-3.1 U 1 FT CE	Smoke	☒	EN166, EN170 and EN172
568 - Contrast	568.01.03.03	Yellow	2C-1.2 U 1 FT CE	Yellow	☒	EN166 and EN170
568 - Kids Clear	568.01.00.00H	Clear	2C-1.2 U 1 FT CE	Clear	☒ UV380	EN166 and EN170

Frame Mark (EU): U EN166 FT CE Frame Mark 568H - Kids Clear (EU): U EN166 FT H CE

>> Download the technical data sheets: [www.univetsafety.com/568](http://www.univetsafety.com/568)



prescription  
glasses

100

# CONTEMPORARY

## FASHION SAFETY GLASSES

Contemporary combines elegance and style in protection, changing the concept of safety glasses and reflecting Univet's mission to create glamorous and comfortable protection glasses to make protective equipment more appealing so that more people take care of their eyes.



### Zero metallic components

Contemporary is made of Polyamide and is therefore devoid of metallic components.

### Side shields

Integrated transparent shield.



571



Honey

571 - Honey  
Caliber 56 □ 16 x 125



Amethyst

571 - Amethyst  
Caliber 56 □ 16 x 125



Stone

571 - Stone  
Caliber 56 □ 16 x 125



Download the technical data sheets

572



Honey

572 - Honey  
Caliber 52 □ 15 x 125



Amethyst

572 - Amethyst  
Caliber 52 □ 15 x 125



Stone

572 - Stone  
Caliber 52 □ 15 x 125



Download the technical data sheets

573



Honey

573 - Honey  
Caliber 53 □ 17 x 125



Amethyst

573 - Amethyst  
Caliber 53 □ 17 x 125



Stone

573 - Stone  
Caliber 53 □ 17 x 125



Download the technical data sheets

>> Download the technical data sheets: [www.univetsafety.com/571-contemporary](http://www.univetsafety.com/571-contemporary)

>> Download the technical data sheets: [www.univetsafety.com/572-contemporary](http://www.univetsafety.com/572-contemporary)

>> Download the technical data sheets: [www.univetsafety.com/573-contemporary](http://www.univetsafety.com/573-contemporary)

# TECHNICAL SAFETY GLASSES

Sporty design, style and quality characterise the lines of the Technical range, which guarantee optimum comfort without pressure on the face. The maximum comfort in fitting results from an accurate analysis based not only on the right choice of materials and design but also on ergonomics.



### Rubber terminal with tilting movement

Allows the glasses to adhere to the temples for a perfect grip.

### Inclination and length adjustment

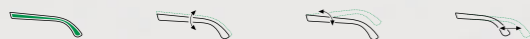
Allows the correct fitting and to work in constant safety.



### Side shield with ventilation system

Increases the level of peripheral protection while reducing the risk of fogging, thanks to a ventilation opening.

### Frame Technologies



## 5X1



5X1 RX - Green  
Caliber 55 □ 21 x 120-130



Download the technical data sheets

## 5X9



5X9 - Green Vespa  
Caliber 52 □ 16 x 110-120



5X9 - Orange  
Caliber 54 □ 16 x 110-120



5X9 - Green  
Caliber 58 □ 16 x 110-120



Download the technical data sheets

## 5X9 HYBRID



5X9 Hybrid  
Caliber 58 □ 16



Download the technical data sheets

## 555



555 - Green  
Caliber 56 □ 12 x 130



555 - Blue  
Caliber 58 □ 14 x 130



Download the technical data sheets

>> Download the technical data sheets: [www.univetsafety.com/5X1rx-technical](http://www.univetsafety.com/5X1rx-technical)

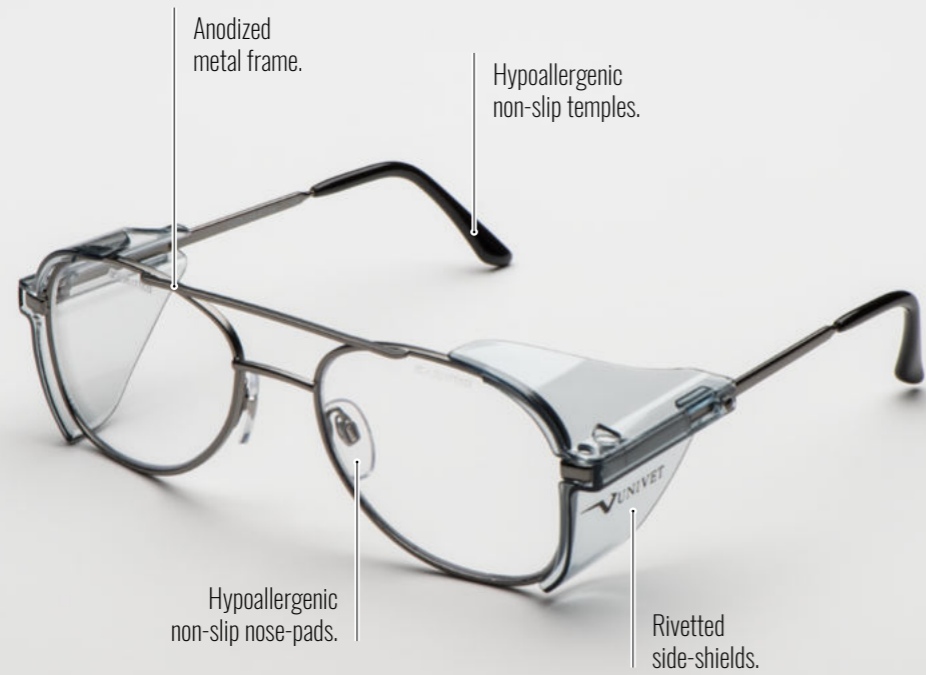
>> Download the technical data sheets: [www.univetsafety.com/5X9-technical](http://www.univetsafety.com/5X9-technical)

>> Download the technical data sheets: [www.univetsafety.com/5x9-hybrid-technical](http://www.univetsafety.com/5x9-hybrid-technical)

>> Download the technical data sheets: [www.univetsafety.com/555-technical](http://www.univetsafety.com/555-technical)

# METAL SAFETY GLASSES

Essential lines and selected materials combined together, create a full range of tailored devices. A timeless and fashionable design, portrayed in four metal models, which satisfy the various safety needs while maintaining style.



536.05



536.05 - 54  
Caliber 54 □ 19 x 140



Download the  
technical data sheets

536.06



536.06 - 51  
Caliber 51 □ 19 x 135



536.06 - 54  
Caliber 54 □ 19 x 135



Download the  
technical data sheets

536.07



536.07 - 50  
Caliber 50 □ 18 x 140



Download the  
technical data sheets

536.08



536.08 - 50  
Caliber 53 □ 19 x 140



Download the  
technical data sheets

# ESSENTIAL SAFETY GLASSES

Designed frames to give the maximum ease  
of use for every user's needs.



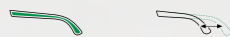
It offers a wide  
coverage area.

Over-moulded temples  
made of non-slip rubber.



Integrated  
side-shields.

Frame Technologies



539



539 - Black  
Caliber 56 □ 16 x 132-142



539 - Blue  
Caliber 59 □ 15 x 132-142



Download the  
technical data sheets

>> Download the technical data sheets: [www.univetsafety.com/539-essential](http://www.univetsafety.com/539-essential)



# READING GLASSES

Reading Glasses models, provided with prescription predetermined lenses, guarantee an optimal vision at short distance to user with no specific prescription needs.



### Zero metallic components

Contemporary is made of Polyamide and is therefore devoid of metallic components.

### Side shields

Integrated transparent shield.



## 571



571 - Add +1.00  
571.P0.05.98-100



571 - Add +1.50  
571.P0.05.98-150



571 - Add +2.00  
571.P0.05.98-200



571 - Add +2.50  
571.P0.05.98-250



571 - Add +3.00  
571.P0.05.98-300



Download the technical data sheets

## 552



552 - Add +1.50  
552.00.00.97-150



552 - Add. +2.00  
552.00.10.97-200



552 - Add. +2.50  
552.00.20.97-250



Download the technical data sheets

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
571 - Add +1.00	571.P0.05.98-100	Clear	2C-1.2 U 1 FT CE	Diamond/After dark	-	EN166 and EN170
571 - Add +1.50	571.P0.05.98-150	Clear	2C-1.2 U 1 FT CE	Diamond/After dark	-	EN166 and EN170
571 - Add +2.00	571.P0.05.98-200	Clear	2C-1.2 U 1 FT CE	Diamond/After dark	-	EN166 and EN170
571 - Add +2.50	571.P0.05.98-250	Clear	2C-1.2 U 1 FT CE	Diamond/After dark	-	EN166 and EN170
571 - Add +3.00	571.P0.05.98-300	Clear	2C-1.2 U 1 FT CE	Diamond/After dark	-	EN166 and EN170
552 - Add +1.50	552.00.00.97-150	Clear	U 1 FT CE	Matt blue	-	EN166
552 - Add. +2.00	552.00.10.97-200	Clear	U 1 FT CE	Silver	-	EN166
552 - Add. +2.50	552.00.20.97-250	Clear	U 1 FT CE	Blue painted	-	EN166

571 Frame Mark (UE): U EN166 FT CE

552 Frame Mark (UE): U EN166 F CE

>> Download the technical data sheets: [www.univetsafety.com/571](http://www.univetsafety.com/571)

>> Download the technical data sheets: [www.univetsafety.com/552](http://www.univetsafety.com/552)

# RX INSERT SAFETY GLASSES

Rx Insert for prescription lenses is a special device which allows to add ophthalmic lenses to Univet safety glasses. This device allows to combine safety and correction of sight impairments in a single product. The insert is strictly personal since it is tailor-made based on specific requests according to medical prescriptions and it can be easily applied and removed from the safety device.



### RX Insert (optional)

It is a special support for mounting prescription lenses. It can be easily applied or removed.

5X1



5X1 - RX insert  
5X1.0P:00.00

6X1



6X1 - RX insert  
6X10.00.99

601



601 - RX insert  
601.0P:00.99

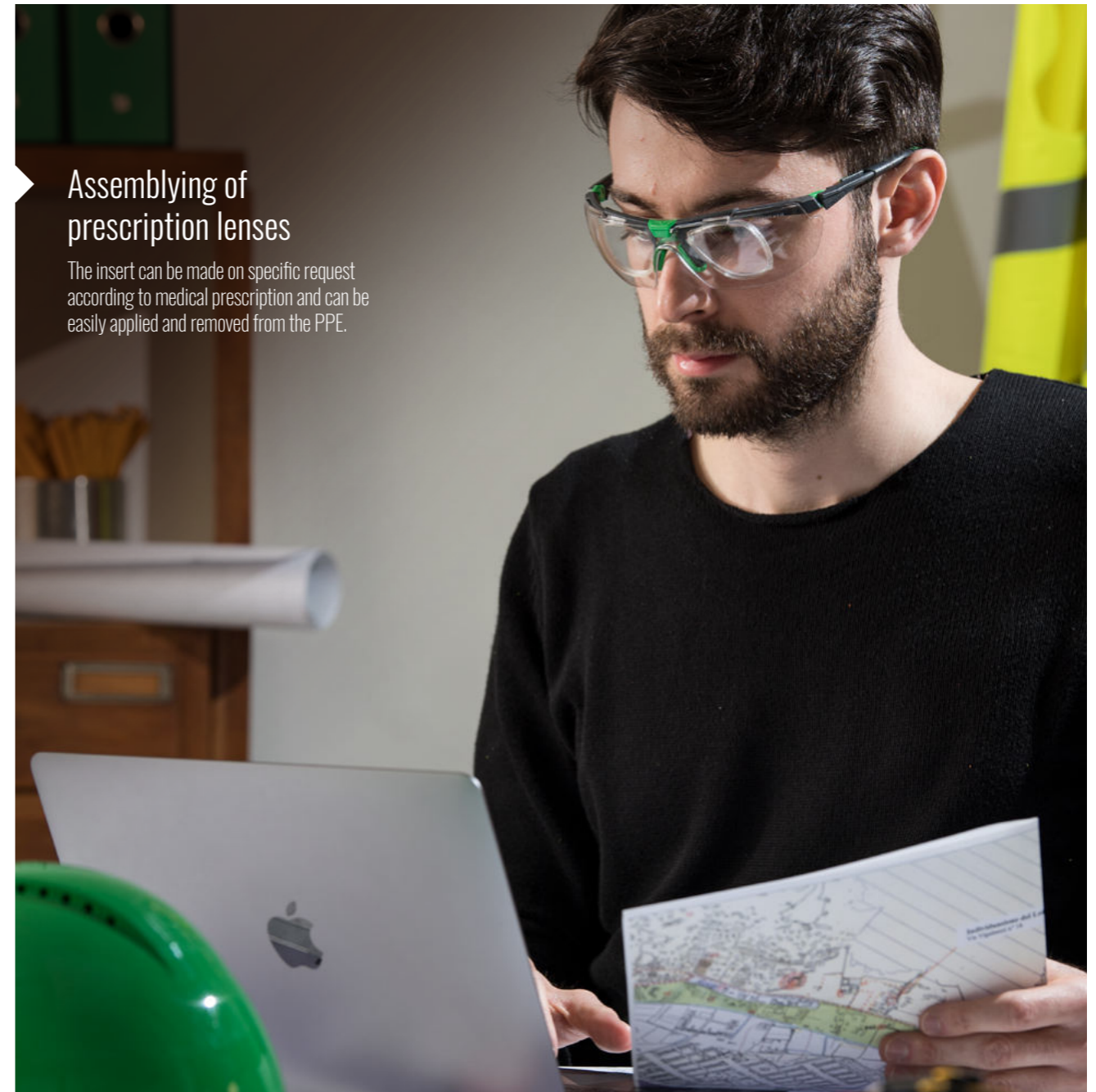
611



611 - RX insert  
601.0P:00.99

## Assembling of prescription lenses

The insert can be made on specific request according to medical prescription and can be easily applied and removed from the PPE.





goggles

# 6X3

## NEXT GENERATION GOGGLE

Univet Research and Development department designed 6X3 goggle with the intention of combining a higher level of protection and an innovative style. The result is an amazing product for performance and design, with a panoramic lens offering excellent peripheral vision that can be used comfortably with any corrective eyewear, assuring a perfect fit.



Download the Technical Sheets



6X3 - Clear Ultra  
6X3.00.00.00



6X3 - Solar G15  
6X3.00.00.05



6X3 - Clear Ultra Lens  
042117



6X3 - Face protection  
6X3F.01.00



### Total protection

For total face protection you can combine the accessory Face Protection (6X3F.01.00) to the 6X3 goggle.

### Lens interchange system

The patent lens interchange system allows the user to quickly replace the lens based on visibility conditions.

### Soft-rubber Gasket

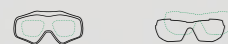
Certified according to EN166 standard, point 3 and 4 for protection against droplets, splashes and large dust particles.



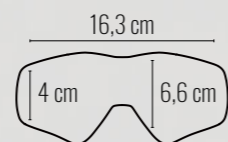
### Perfect integration

6X3 goggle is designed for perfect integration with the prescription glasses, ensuring total protection.

### Frame Technologies



NEXXT



81 g\*

## NEXXT

### Interaction between PPEs

The 6X3 goggle guarantees a correct interaction with the filtering half masks, maintaining an unaltered performance.



### Lens Technologies



Double treatment anti-scratch on the outer side and anti-fog on the inner side, with outstanding performance and K and N certification.



UV 400

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
6X3 - Clear Ultra	6X3.00.00.00	Clear	2C-1.2 U 1 BT 9 K N CE	Gunmetal/Green	UDC	EN166 and EN170
6X3 - Solar G15	6X3.00.00.05	Green	2C-3/5-3.1 U 1 BT 9 K N CE	Gunmetal/Green	UDC	EN166, EN170 and EN172
6X3 - Face Protection	6X3F.01.00	-	-	Light smoke/Green	-	EN166 and EN170
6X3 - Clear Ultra Lens	042117	Clear	2C-1.2 U 1 BT 9 K N CE	-	UDC	EN166 and EN170

Frame Mark (EU): U EN166 3 4 9 BT CE Frame Mark 6X3 - Face Protection (EU): U EN166 BT 2C-1.2 CE

>> Download the technical data sheets: [www.univetsafety.com/6x3](http://www.univetsafety.com/6x3)

# 6X1

## PERFECT HYBRID

6X1 combines the lightness of a spectacle to the benefits of a mask. The adjustable temples with SoftPad technology can be easily replaced with the elastic band included for absolute versatility; comfort and ease of use are thus added to protection against drops, sprays and large dust particles guaranteed by the special design of the internal rubber.



Download the  
Technical Sheets



### Soft rubber Gasket

Certified according to EN166 point 3 (droplets and splashes) and point 4 (large dust particles).

### Elastic band

Adjustable to fit any conformation.

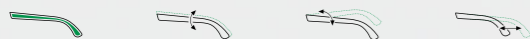
### Fast interchangeable System

Fast interchangeable temples with elastic band (elastic band included).

### Wide lens

For a field of view without distortion.

### Frame Technologies



57 g



6X1 - Clear Plus  
6X1.00.00.00



6X1 - Solar Smoke  
6X1.00.00.01



6X1 - RX Insert  
6X10.00.99



Elastic band and temples included in the package.

### Lens Technologies

#### VPLUS

Hi performance anti-scratch and anti-fog treatment with K and N certification.

#### UV380

UV 380

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
6X1 - Clear Plus	6X1.00.00.00	Clear	2C-1.2 U 1 FT K N CE	Gunmetal/Green	VPLUS UV380	EN166 and EN170
6X1 - Solar Smoke	6X1.00.00.01	Grey	2C-2.5/5-2.5 U 1 FT K N CE	Gunmetal/Green	VPLUS	EN166, EN170 and EN172

Frame Mark (EU): U EN166 3 4 FT CE

>> Download the technical data sheets: [www.univetsafety.com/6x1](http://www.univetsafety.com/6x1)

# 625

ULTRA LIGHT

Extremely light and fitting, the 625 goggle is equipped with a wide panoramic lens for a better side protection, treated with Vanguard PLUS the ultra performing anti-fog treatment. The adjustable elastic band and the soft frame reduce pressure to the minimum granting protection against drops, splashes and big size dust particles.

Download the Technical Sheets



625 - Clear Plus  
625.03.00.00



625 - Solar G15  
625.03.01.05

### Soft-rubber gasket

Certified according to EN166 standard, point 3 and 4 for protection against droplets and splashes.

### Elastic band

Adjustable to fit any conformation.



### Side Protection

Thanks to the panoramic and wraparound lens.

39 g

## Greater protection and comfort

The 625 goggle, with its elastic band and soft rubber gasket, offers increased protection and improved user comfort.



### Lens Technologies



Hi performance anti-scratch and anti-fog treatment with K and N certification.



UV 380



UV 400

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
625 - Clear Plus	625.03.00.00	Clear	2C-1.2 U 1 B K N - 166 3 4 B CE	Clear/Grey	V PLUS UV380	EN166 and EN170
625 - Solar G15	625.03.01.05	Green	2C-3/5-3.1 U 1 B K N -166 3 4 B CE	Grey/Green G15	V PLUS UV400	EN166, EN170 and EN172

Frame Mark (EU): 625

>> Download the technical data sheets: [www.univetsafety.com/625](http://www.univetsafety.com/625)

# 620 UP

APPLIED TECHNOLOGIES



Download the  
Technical Sheets



**Perfect integration**  
Can be worn over any  
prescription spectacles  
thanks to its spherical lens.

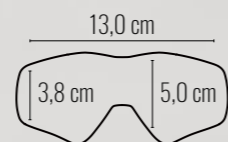
**Gasket**  
Soft TPR frame assures  
optimal level of comfort.

**Elastic band**  
Adjustable to fit any  
conformation.



**Indirect ventilation**  
Indirect ventilation system.

Frame Technologies



88 g



620 UP - Clear  
620U.02.10.00

Lens  
Technologies



Anti-Scratch (K)



Anti-Fog (N)

**UV380**

UV 380

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
620 UP - Clear	620U.02.10.00	Clear	2C-1.2 U 1 BT K N CE	Grey	<b>UV380</b>	EN166 and EN170

Frame Mark (EU): U EN166 3 4 BT 2C-1.2 CE

>> Download the technical data sheets: [www.univetsafety.com/620up](http://www.univetsafety.com/620up)

# 601

## HIGH PERFORMANCE AND VERSATILITY

The extent of the 601 goggle range provides superior versatility: the various technologies of ventilation systems, the lenses available, in polycarbonate, acetate and welding version and the insert for additional corrective lenses make it suitable for a wide range of sectors always with a high-level of performance.

Download the  
Technical Sheets



### Wide field of vision

For an high-tech goggle.

### Different ventilation systems

Unvented and indirect ventilation.

### The headband and the soft frame

Adjustable for effectively distribute the pressure on the face.



### Anatomic nose pad

Fits perfectly to all faces.

### Frame Technologies



107 g



601 - Clear Plus Foam  
601.00.77.00



601 - Clear Plus 1  
601.02.77.00



601 - Clear Acetate 1  
601.02.77.01



601 - Clear Plus 2  
601.03.07.00



601 - Clear Acetate 2  
601.03.07.01



601 - Welding 5  
601.02.06.50



601 - Clear Plus Lens  
042065



601 - Clear Acetate Lens  
042066



601 - Welding 5 Lens  
042088



601 - Rx Insert  
601.0P.00.99

### Lens Technologies



Anti-Scratch (K)



Anti-Fog (N)

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
601 - Clear Plus Foam	601.00.77.00	Clear	2C-1.2 U 1 BT 9 K N CE	Blue	AS+ AF+	EN166 and EN170
601 - Clear Plus 1	601.02.77.00	Clear	2C-1.2 U 1 BT 9 K N CE	Blue	AS+ AF+	EN166 and EN170
601 - Clear Acetate 1	601.02.77.01	Clear	2C-1.2 U 1 FT N CE	Blue	AF+	EN166 and EN170
601 - Clear Plus 2	601.03.07.00	Clear	2C-1.2 U 1 BT 9 K N CE	Clear	AS+ AF+	EN166 and EN170
601 - Clear Acetate 2	601.03.07.01	Clear	2C-1.2 U 1 FT N CE	Clear	AF+	EN166 and EN170
601 - Welding 5	601.02.06.50	Green	5 U 1 B 9 K N CE	Smoke	AS+ AF+	EN166, EN169 and EN175
601 - Clear Plus Lens	042065	Clear	2C-1.2 U 1 BT 9 K N CE	-	AS+ AF+	EN166 and EN170
601 - Clear Acetate Lens	042066	Clear	2C-1.2 U 1 FT N CE	-	AF+	EN166 and EN170
601 - Welding 5 Lens	042088	Green	5 U 1 B 9 K N CE	-	AS+ AF+	EN166, EN169 and EN175

Frame Mark 601 - Clear Plus Foam e 601 - Clear Plus 1 (EU): U EN166 3 4 9 BT 2C-1.2 CE Frame Mark 601 - Clear Acetate 1 (EU): U EN166 3 4 FT 2C-1.2 CE

Frame Mark 601 - Clear Acetate 2 (EU): U EN166 3 4 5 FT 2C-1.2 CE Frame Mark 601 - Clear Plus 2 (EU): U EN166 3 4 5 9 BT 2C-1.2 CE

Frame Mark 601 - Welding 5 (EU): U EN175 3 4 9 -B CE



602

73 g



Frame Technologies



619

84 g



Frame Technologies



611

Wide elastic band with silicone inserts improves stability.



Frame Technologies

NEXXT

The double lens with thermal breakage technology protects against heat, fogging and impacts.

122 g

- > Integration with prescription glasses
- > Adjustable elastic fabric headband
- > Indirect ventilation system

- > Can be worn over any prescription spectacles thanks to its spherical lens
- > Wide, fully adjustable headband
- > Version unvented or provided with indirect ventilation system



602 - Clear 1  
602010000A



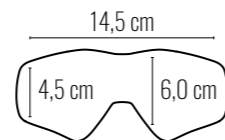
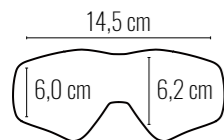
602 - Clear 2  
602010001A



619 - Clear 1  
619.02.01.00



619 - Clear 2  
619.03.01.00



Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
602 - Clear 1	602010000A	Clear	U 1 B CE	Clear		EN166
602 - Clear 2	602010001A	Clear	U 1 B CE	Clear	-	EN166
619 - Clear 1	619.02.01.00	Clear	2C-1.2 U 1 B 9 K N CE	Blue		EN166 and EN170
619 - Clear 2	619.03.01.00	Clear	2C-1.2 U 1 B 9 K N CE	Blue		EN166 and EN170

602 Frame Mark (UE): U EN166 3 4 B CE

Frame Mark 619 - Clear 1 (UE): U EN166 3 4 9 B 2C-1.2 CE  
Frame Mark 619 - Clear 2 (UE): U EN166 3 4 5 9 B 2C-1.2 CE



611 - Clear  
611.00.10.01



611 - Clear Helmet  
611.K0.10.01



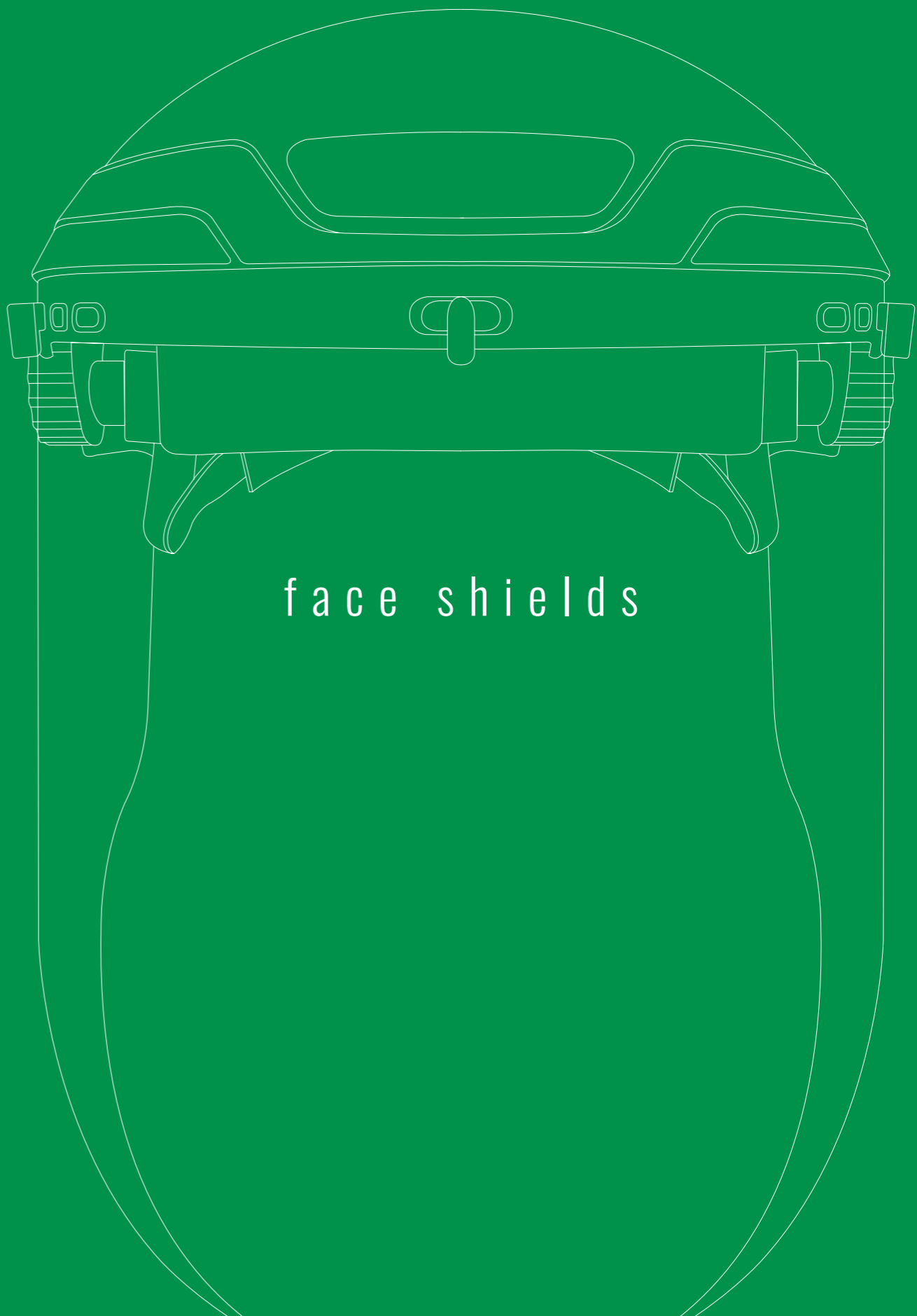
611 - Clear Lens  
042065.235/A1.6M



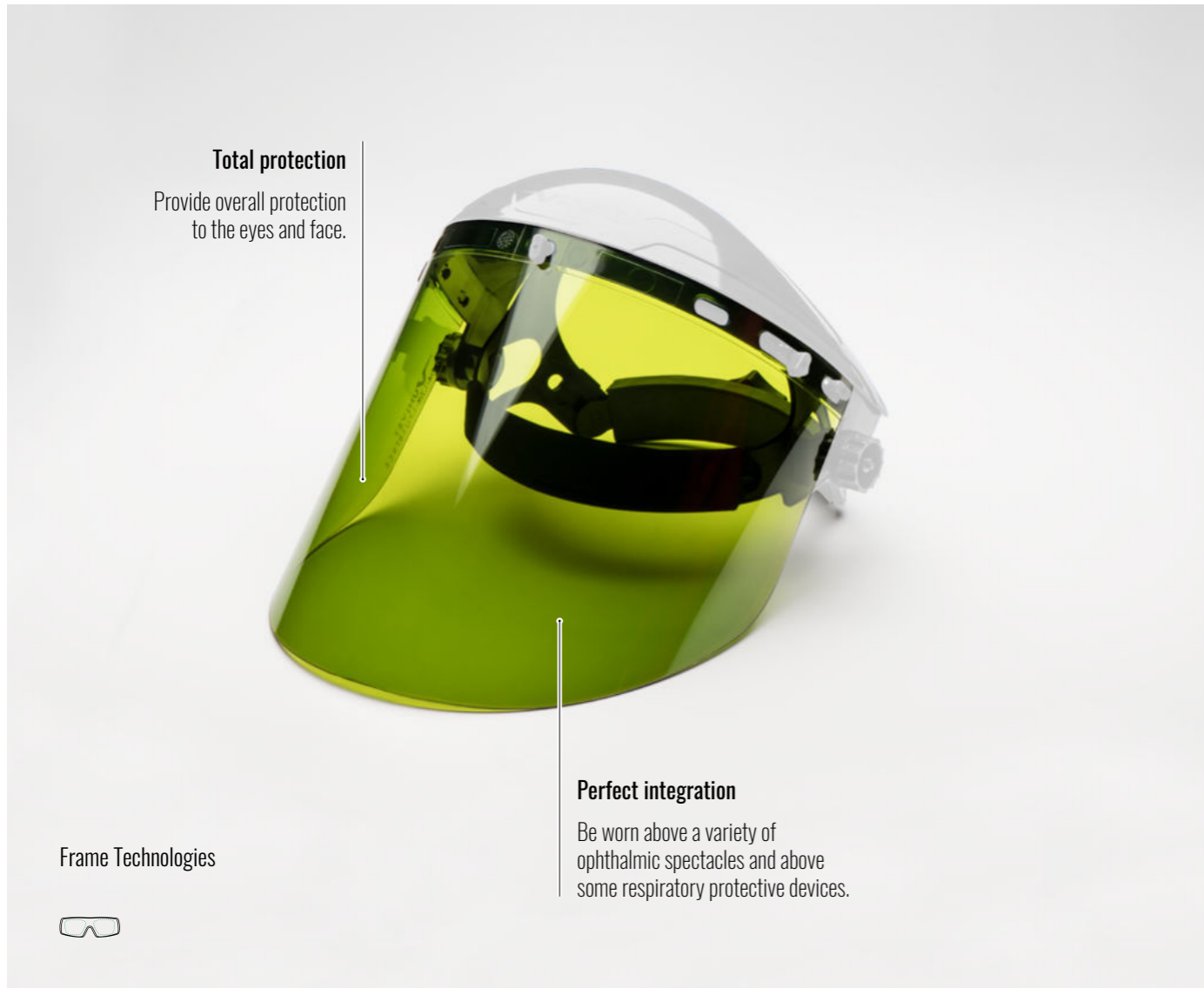
611 - Rx Insert  
601.0P.00.99

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
611 - Clear	611.00.10.01	Clear	2C-1.2 U 1 BT 9 K N CE	Red		EN166 and EN170
611 - Clear Helmet	611.K0.10.01	Clear	2C-1.2 U 1 BT 9 K N CE	Red		EN166 and EN170
611 - Clear Lens	042065.235/A1.6M	Clear	2C-1.2 U 1 BT 9 K N CE	-		EN166 and EN170

Frame Mark (UE): U EN166 3 4 5 9 BT 2C-3 CE



face shields



607 - Clear 1  
607.01.00.22



607 - Clear 2  
607.A7.00.00



607 - Clear 3  
607.A7.01.00



607 - Clear Acetate  
607.01.00.30



607 - IR Clear Gold Mirrored  
607.A9.11.00



607 - Welding IR 4 Gold Mirrored  
607.A9.11.30



607 - Welding IR 6 Gold Mirrored  
607.A9.11.50



607 - Welding 5  
607.A0.00.50



607 - Solar/Welding IR 1.7  
607.A9.00.47



607 - Metal Wire-net  
607.01.00.31



607 - Z Blue  
607.Z0.00.01



607 - Z Clear  
607.Z0.00.02

Lens Technologies



Anti-Scratch (K)



Anti-Scratch



Mirrored Lens

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
607 - Clear 1	607.01.00.22	Clear	U 1 B CE	-	-	EN166
607 - Clear 2	607.A7.00.00	Clear	2C-1.2 U 1 AT 8 9 0068 CE	-	-	EN166 and EN170
607 - Clear 3	607.A7.01.00	Clear	2C-1.2 U 1 B 8 9 K 0068 CE	-	⊕	EN166 and EN170
607 - Clear Acetate	607.01.00.30	Clear	U 1 FT CE	-	-	EN166
607 - IR Clear Gold Mirrored	607.A9.11.00	Clear and Gold	2C-5/4-5 U 1 BT 9 R CE	-	⊕	EN166, EN170 and EN171
607 - Welding IR 4 Gold Mirrored	607.A9.11.30	Green and Gold	4/4-4 U 1 BT 9 R CE	-	⊕	EN166, EN169, EN171 and EN175
607 - Welding IR 6 Gold Mirrored	607.A9.11.50	Clear and Gold	6/4-6 U 1 BT 9 R CE	-	⊕	EN166, EN169, EN171 and EN175
607 - Welding 5	607.A0.00.50	Green	5 U 1 BT 9 CE	-	⊕	EN166, EN169 and EN175
607 - Solar/Welding IR 1.7	607.A9.00.47	Green	1.7/2C-1.7/4-1.7/6-1.7 U 1 BT 9 CE	-	⊕	EN166, EN169, EN170, EN171 and EN172
607 - Metal Wire-net	607.01.00.31	-	U EN1731 F CE	Black	-	EN166 and EN1731
607 - Z Blue	607.Z0.00.01	Blue	U 2 F 9 CE	-	-	EN166
607 - Z Clear	607.Z0.00.02	Clear	U 2 F 9 CE	-	-	EN166

Frame Mark 605 - Yellow Head-gear (UE): U EN166 3 AT CE U EN1731 F CE U EN175 -B CE    Frame Mark 605 - Blue Head-gear (UE): U EN166 3 8 9 AT 0068 CE U EN175 9 -B CE  
 Frame Mark 606 - Black Adapter (UE): U EN166 3 AT CE U EN1731 F CE U EN175 -B CE    Frame Mark 606 - Blue Adapter (UE): U EN166 3 8 9 AT 0068 CE U EN175 9 -B CE  
 Frame Mark 606 - Silver Adapter (UE): U EN166 3 9 AT CE U EN175 9 -B CE

>> Download the technical data sheets: [www.univetsafety.com/607](http://www.univetsafety.com/607)

605



606

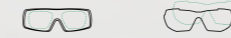


699

Fit to be worn over ophthalmic spectacles and respiratory protective devices.

Provided of an interchangeable chin protection.

Frame Technologies



Provided of a top band intended to wrap around the head.

Adjustment to head-circumference by means of an elastic head-band.

Provided of a 1mm thick polycarbonate visor which is designed to revolve of 90°.

- > Provided of a top band intended to wrap around the head
- > Fitting to head circumference by means of a gear rack
- > Revolving up to 90° and over by means of a friction system



605 - Yellow Head-gear  
605.01.00.00



605 - Blue Head-gear  
605.04.00.00



606 - Black Adapter  
606.02.00.00



606 - Blue Adapter  
606.04.00.00



606 - Silver Adapter  
606.05.00.00

- > Revolving of 90° by means of a friction system
- > Helmet adapters available as made of anodized aluminium or of thermoplastic materials



699 - Clear  
699.00.00.00



699 - Clear Lens  
699.99.00.00



699 - Chin Protection  
699.99.00.01

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
605 - Yellow Head-gear	605.01.00.00	-	-	Yellow	-	EN166
605 - Blue Head-gear	605.04.00.00	-	-	Blue	-	EN166
606 - Black Adapter	606.02.00.00	-	-	Black	-	EN166
606 - Blue Adapter	606.04.00.00	-	-	Blue	-	EN166
606 - Silver Adapter	606.05.00.00	-	-	Silver	-	EN166











Frame Mark 605 - Yellow Head-gear (UE): U EN166 3 AT CE U EN1731 F CE U EN175 -B CE  
Frame Mark 605 - Blue Head-gear (UE): U EN166 3 8 9 AT 0068 CE U EN175 9 -B CE

Frame Mark 606 - Black Adapter (UE): U EN166 3 AT CE U EN1731 F CE U EN175 -B CE  
Frame Mark 606 - Blue Adapter (UE): U EN166 3 8 9 AT 0068 CE U EN175 9 -B CE  
Frame Mark 606 - Silver Adapter (UE): U EN166 3 9 AT CE U EN175 9 -B CE

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
699 - Clear	699.00.00.00	Clear	2C-1.2 U 1 B CE	Yellow	-	EN166 and EN170
699 - Clear Lens	699.99.00.00	Clear	2C-1.2 U 1 B CE	-	-	EN166 and EN170
699 - Chin Protection	699.99.00.01	-	-	Clear	-	EN166
















Frame Mark 699 - Clear (UE): U EN166 3 BT CE Frame Mark 699 - Chin Protection (UE): U EN166 3 BT CE

## DESCRIPTION OF VISOR'S FEATURES

CODE	DIMENSIONS (mm)	MATERIALS	COLOUR	PROVIDING PROTECTION AGAINST
 607.01.00.22	390x195x1	Polycarbonate	Clear	Splashes of liquids and Impacts
 607.A7.00.00	395x240x2	Polycarbonate	Clear	UV radiations, Splashes of liquids, Contact with chemicals (liquid nitrogen), Impacts, Molten metals and hot solids, Short circuit - electric arc
 607.A7.01.00	395x240x2	Polycarbonate	Clear	UV radiations, Splashes of liquids, Contact with chemicals (liquid nitrogen), Impacts, Molten metals and hot solids, Short circuit - electric arc, Surface damage by fine particles
 607.01.00.30	395x230x1	Acetate	Clear	Splashes of liquids and Impacts
 607.A9.11.00	395x240x2	Polycarbonate	Clear Gold Mirrored	UV and IR radiations, Radiant heat, Splashes of liquids, Molten metals and hot solids, Impacts
 607.A9.11.30	395x240x2	Polycarbonate	Green IR 3 Gold Mirrored	Radiations produced during welding and related techniques, IR radiations, Radiant heat, Molten metals and hot solids, Impacts
 607.A9.11.50	395x240x2	Polycarbonate	Green IR 5 Gold Mirrored	Radiations produced during welding and related techniques, IR radiations, Radiant heat, Molten metals and hot solids, Impacts
 607.A0.00.50	395x240x2	Polycarbonate	Green 5	Radiations produced during welding and related techniques, Molten metals and hot solids, Impacts
 607.A9.00.47	395x240x2	Polycarbonate	Green UVR	Radiations produced during welding and related techniques, UV, IR and Sun radiations. Splashes of liquids, Molten metals and hot solids, Impacts
 607.01.00.31	380x194	Polypropylene + metal wire-net		Impacts of flying particles resulting from various activities (with the exception of sport activities)

## COUPLING BETWEEN VISOR, HEAD-GEAR, HELMET ADAPTER



CODE	 605.04.00.00	 605.01.00.00	 606.02.00.00	 606.04.00.00	 606.05.00.00
 607.01.00.22		•	•		
 607.A7.00.00	•			•	
 607.A7.01.00	•			•	
 607.01.00.30		•	•		
 607.A9.11.00	•				•
 607.A9.11.30	•			•	•
 607.A9.11.50	•			•	•
 607.A0.00.50	•			•	•
 607.A9.00.47	•			•	•
 607.01.00.31		•	•		



w e l d i n g / I R

136

# 5X1

## TOTAL VERSATILITY

Multifunctional and versatile, the 5X1 was created to guarantee optimal protection in any working condition. On one frame it's possible to assemble a wide range of interchangeable accessories, ensuring every worker can personalise the 5X1 without compromising comfort and protection. The extended wraparound lenses provides extra coverage around the eyes.

Download the  
Technical Sheets



### Floating lens

More flexible frame for an optimal fit on any face.

### Rubber terminal with inclination movement

Allows the glasses to adhere to the temples for a perfect grip.

### Inclination and length adjustment

Allows correct fitting and constant safety at work.



### Nose pad set-up

Allows to adjust the height of the glasses to ensure maximum optical quality.

### Rx Insert (optional)

It is a special support for mounting prescription lenses. It can be easily applied or removed.

### Lens interchange system

Thanks to the patent lens exchange system it is possible to quickly replace the lens for optimal visibility in any environment.

### Frame Technologies



28 g



5X1 - Welding 3  
5X1.00.00.30



5X1 - Welding 5  
5X1.00.00.50



5X1 - RX Insert  
5X1.0P.00.00

### Lens Technologies



Anti-Scratch



Anti-Fog

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X1 - Welding 3	5X1.00.00.30	Green	3 U 1 FT CE	Dark grey/Green		EN166 and EN169
5X1 - Welding 5	5X1.00.00.50	Green	5 U 1 FT CE	Dark grey/Green		EN166 and EN169

Frame Mark (UE): Mod5X1 U 166 FT U 175-F

>> Download the technical data sheets: [www.univetsafety.com/5x1](http://www.univetsafety.com/5x1)

# 5X3

## HIGH TECHNOLOGY

The model 5X3 is realised with the exclusive Floating Lens technology that allows to anchor the lens only to a single point of the frame, while ensuring extreme stability and total possibility of self-adaptation to the face.

Download the  
Technical Sheets



### Rubber terminal

Improves adherence to the temples for a perfect fit.



### Sweatguard and rubber nose pad

Guarantee comfort and stability with a shockproof effect.

### Floating lens

More flexible frame for an optimal fit on any face.

### Frame Technologies



31 g



5X3 - Welding 3  
5X3.03.35.30



5X3 - Welding 5  
5X3.03.35.50

### Lens Technologies

#### PLUS

Hi performance anti-scratch and anti-fog treatment with K and N certification.

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X3 - Welding 3	5X3.03.35.30	Green	3 U 1 FT K N CE	Black/Green	PLUS	EN166, EN169 and EN175
5X3 - Welding 5	5X3.03.35.50	Green	5 U 1 FT K N CE	Black/Green	PLUS	EN166, EN169 and EN175

Frame Mark (UE): U EN175 FT CE

>> Download the technical data sheets: [www.univetsafety.com/5x3](http://www.univetsafety.com/5x3)



# 5X7

## TOTAL PROTECTION

5X7 is designed for a perfect integration with prescription glasses. The exclusive SoftPad technology, a high-strength insert combined with temple adjustments, ensure maximum stability even in extreme conditions.

Download the Technical Sheets



**Upper frontal**  
Grants comfort and stability with a shockproof effect.

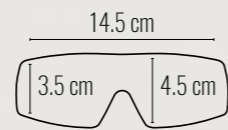
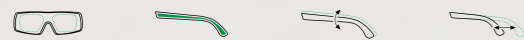
**Rubber terminal with tilting movement**  
Allows glasses to adhere to the temples for a perfect grip.

**Length adjustment**  
Allows to obtain the correct fit and work in constant safety.

**Perfect integration**  
Designed for perfect integration with the prescription glasses, ensuring total protection.

**Side shields**  
Improved peripheral protection even in combination with eyeglasses.

### Frame Technologies



37 g



5X7 - Solar/Welding IR 1.7  
5X7.01.11.47



5X7 - Welding 1.7  
5X7.01.11.17



5X7 - Welding 3  
5X7.01.11.30



5X7 - Welding 5  
5X7.01.11.50

### Lens Technologies



Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X7 - Solar/Welding IR 1.7	5X7.01.11.47	Green	1.7/2C-1.7/4-1.7/6-1.7 U 1 FT K CE	Gunmetal/Green	AS+	EN166, EN169, EN170, EN171, EN172 and EN175
5X7 - Welding 1.7	5X7.01.11.17	Green	1.7 U 1 FT K CE	Gunmetal/Green	AS+	EN166, EN169 and EN175
5X7 - Welding 3	5X7.01.11.30	Green	3 U 1 FT K CE	Gunmetal/Green	AS+	EN166, EN169 and EN175
5X7 - Welding 5	5X7.01.11.50	Green	5 U 1 FT K CE	Gunmetal/Green	AS+	EN166, EN169 and EN175

Frame Mark (UE): Mod.5X7 U EN166 FT U EN175 FT CE

>> Download the technical data sheets: [www.univetsafety.com/5x7](http://www.univetsafety.com/5x7)

# 5X9

## WELDING ACCESSORIES

The integrated flip-up perfectly combines with the glasses forming a unique modular system for maximum flexibility of use, made possible by the wide range of filters in the catalogue.



Download the Technical Sheets



### Welding Flip-up

In combination with the spectacles, it forms a single modular system for maximum protection and flexibility of use.



5X9 FLIP - Solar/Welding IR 1.7  
5X9R.00.47



5X9 FLIP - Welding 1.7  
5X9R.00.17



5X9 FLIP - Welding 3  
5X9R.00.30



5X9 FLIP - Welding 4  
5X9R.00.40



5X9 FLIP - Welding 5  
5X9R.00.50



5X9 FLIP - Welding 6  
5X9R.00.60



5X9 FLIP - Welding 7  
5X9R.00.70



5X9 FLIP - IR 4-2 Glass  
5X9R.20.42



5X9 FLIP - IR 4-5 Glass  
5X9R.20.Y3



5X9 FLIP - Didymium Glass  
5X9R.20.Y2

>> The above mentioned codes are referred to the filter only and do not include the glasses: **5X9** page 79

### Lens Technologies



Anti-Scratch

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
5X9 FLIP - Solar/Welding IR 1.7	5X9R.00.47	Green	1.7/2C-1.7/4-1.7/6-1.7 U 1 FT CE	Gunmetal	☒	EN166, EN169, EN170, EN171 and EN172
5X9 FLIP - Welding 1.7	5X9R.00.17	Green	1.7 U 1 FT CE	Gunmetal	☒	EN166, EN169 and EN170
5X9 FLIP - Welding 3	5X9R.00.30	Green	3 U 1 FT CE	Gunmetal	☒	EN166 and EN169
5X9 FLIP - Welding 4	5X9R.00.40	Green	4 U 1 FT CE	Gunmetal	☒	EN166 and EN169
5X9 FLIP - Welding 5	5X9R.00.50	Green	5 U 1 FT CE	Gunmetal	☒	EN166 and EN169
5X9 FLIP - Welding 6	5X9R.00.60	Green	6 U 1 FT CE	Gunmetal	☒	EN166 and EN169
5X9 FLIP - Welding 7	5X9R.00.70	Green	7 U 1 FT CE	Gunmetal	☒	EN166 and EN169
5X9 FLIP - IR 4-2 Glass	5X9R.20.42	Blue	4-2 U 1 CE	Gunmetal	-	EN166 and EN171
5X9 FLIP - IR 4-5 Glass	5X9R.20.Y3	Blue	4-5 U 1 CE	Gunmetal	-	EN166 and EN171
5X9 FLIP - Didymium Glass	5X9R.20.Y2	Purple	U 2 CE	Gunmetal	-	EN166

Frame Mark (EU): -

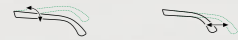
>> Download the technical data sheets: [www.univetsafety.com/5x9](http://www.univetsafety.com/5x9)

511

30 g



Frame Technologies



540

78 g



- > Adjustment of temples in length and inclination
- > Built-in side shields

- > Safety goggles with two 50mm-diameter lenses
- > Highly resistant nylon frame for added comfort with flip-up and side shields
- > Available with fixed polycarbonate or flip-up adiactinic glass lenses



511 - Welding 3  
511.03.03.03



511 - Welding 5  
511.03.03.05



540 - IR 4-5  
540.00.01.07

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
511 - Welding 3	511.03.03.03	Green	3 U 1 F CE	Black	☉	EN169 and EN175
511 - Welding 5	511.03.03.05	Green	5 U 1 F CE	Black	☉	EN169 and EN175
540 - IR 4-5	540.00.01.07	Blue	2-1.2 U 1 FT CE 4-5 U 1 CE	Grey	-	EN166, EN170, EN171 and EN175

511 Frame Mark (UE): U EN175 F CE

540 Frame Mark (UE): U EN166 F CE U EN175 F CE

>> Download the technical data sheets: [www.univetsafety.com/511](http://www.univetsafety.com/511)

>> Download the technical data sheets: [www.univetsafety.com/540](http://www.univetsafety.com/540)

566



Central screw for quick lens replacement.

Two-lens eyewear equipped with tilting vented side shields.



36 g



566 - Welding 5  
566.00.00.50



566 - Welding 5 Glass  
566.01.00.50



566 - Welding 5 Lens  
137.00.35



566 - Welding 5 Glass Lens  
137.00.33

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
566 - Welding 5	566.00.00.50	Green	5 U 1 F CE	Black	☉	EN166, EN169 and EN175
566 - Welding 5 Glass	566.01.00.50	Green	5 U 1 CE	Black	-	EN166 and EN169
566 - Welding 5 Lens	137.00.35	Green	5 U 1 F CE	-	☉	EN166, EN169 and EN175
566 - Welding 5 Glass Lens	137.00.33	Green	5 U 1 CE	-	-	EN166 and EN169

Frame Mark (UE): U EN166 F CE U EN175 F CE

>> Download the technical data sheets: [www.univetsafety.com/566](http://www.univetsafety.com/566)

601

Wide field of vision for an high-tech goggle.

Different ventilation systems (unvented, indirect ventilation).

The adjustable headband and the soft frame effectively distribute the pressure on the face.

The anatomic nose pad fits perfectly to all faces.

107 g

Frame Technologies



601 - Welding 5  
601.02.06.50



601 - Welding 5 Lens  
042088

603

Outer 180° flip-up support welding filters (diameter 50 mm).

Elastic fabric headband.

Indirect ventilation with four valves.

144 g



603 - Welding 5 Glass  
603.03.00.50

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
601 - Welding 5	601.02.06.50	Green	5 U 1 B 9 K N CE	Smoke		EN166, EN169 and EN175
601 - Welding 5 Lens	042088	Green	5 U 1 B 9 K N CE	-		EN166 and EN169

Frame Mark (UE): U EN175 3 4 9 -B CE

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
603 - Welding 5 Glass	603.03.00.50	Green	2-1.2 U 1 FT CE (lens) 5 U 1 CE (flip up lens)	Green	-	EN166, EN169, EN170 and EN175

Frame Mark (UE): U EN166 FT CE U EN175 F CE

# 618

Mineral glass lenses with ø 50 mm.

Welding protective goggle in soft and heat resistant material.

Elastic fabric headband guarantees an excellent wearability.

Soft frontal allows a simple and rapid replacement of the lenses and good ventilation.

57 g



**618 - Welding 5 Glass**  
618.01.06.50

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
618 - Welding 5 Glass	618.01.06.50	Green	5 U 1 CE	Black	-	EN166, EN169 and EN175

Frame Mark (UE): U EN166 FT CE U EN175 F CE

>> Download the technical data sheets: [www.univetsafety.com/618](http://www.univetsafety.com/618)

# 607

Provide overall protection to the eyes and face.

Frame Technologies



Can be worn above a variety of ophthalmic spectacles and above some respiratory protective devices.



**607 - IR Clear Gold Mirrored**  
607.A9.11.00



**607 - Welding IR 4 Gold Mirrored**  
607.A9.11.30



**607 - Welding IR 6 Gold Mirrored**  
607.A9.11.50



**607 - Welding 5**  
607.A0.00.50



**607 - Solar/Welding IR 1.7**  
607.A9.00.47

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
607 - IR Clear Gold Mirrored	607.A9.11.00	Clear and Gold	2C-5/4-5 U 1 BT 9 R CE	-	☒	EN166, EN170 and EN171
607 - Welding IR 4 Gold Mirrored	607.A9.11.30	Green and Gold	4/4-4 U 1 BT 9 R CE	-	☒	EN166, EN169, EN171 and EN175
607 - Welding IR 6 Gold Mirrored	607.A9.11.50	Green and Gold	6/4-6 U 1 BT 9 R CE	-	☒	EN166, EN169, EN171 and EN175
607 - Welding 5	607.A0.00.50	Green	5 U 1 BT 9 CE	-	☒	EN166, EN169 and EN175
607 - Solar/Welding IR 1.7	607.A9.00.47	Green	1.7/2C-1.7/4-1.7/6-1.7 U 1 BT 9 CE	-	☒	EN166, EN169, EN170, EN171 and EN172

Frame Mark 605 - Yellow Head-gear (UE): U EN166 3 AT CE U EN1731 F CE U EN175 -B CE    Frame Mark 605 - Blue Head-gear (UE): U EN166 3 8 9 AT 0068 CE U EN175 9 -B CE  
 Frame Mark 606 - Black Adapter (UE): U EN166 3 AT CE U EN1731 F CE U EN175 -B CE    Frame Mark 606 - Blue Adapter (UE): U EN166 3 8 9 AT 0068 CE U EN175 9 -B CE  
 Frame Mark 606 - Silver Adapter (UE): U EN166 3 9 AT CE U EN175 9 -B CE

>> Download the technical data sheets: [www.univetsafety.com/607](http://www.univetsafety.com/607)

# 608

Window size 75 x 98 mm, filters available separately.



Available in fibre version with handle (608.01.00.00) and in polypropylene version with leather casing (608.02.00.02).

Welding helmet with flip-up system.



Frame Technologies



608 - Welding Visor 1  
608.01.00.00



608 - Welding Visor 2  
608.02.00.00



608 - Welding Visor 3  
608.02.00.02



608 - Flip-up Support  
10631.1

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
608 - Welding Visor 1	608.01.00.00	-	-	Black	-	EN175
608 - Welding Visor 2	608.02.00.00	-	-	Black	-	EN175
608 - Welding Visor 3	608.02.00.02	-	-	Black	-	EN175

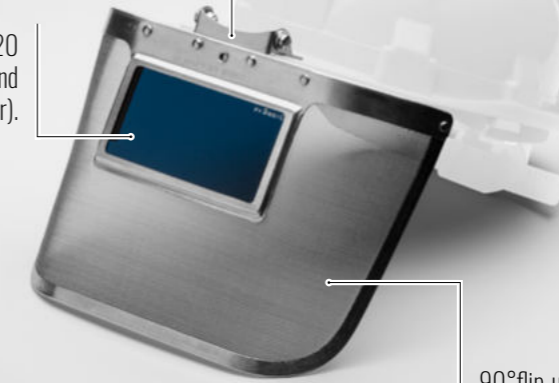
Frame Mark (UE): -

>> Download the technical data sheets: [www.univetsafety.com/608](http://www.univetsafety.com/608)

# 609

Universal support with knob for helmet.

Interchangeable filters (60 x 120 mm rectangular or round 50 mm diameter).



90° flip-up steel mesh with window for glass filter insertion.



Frame Technologies



609 - IR Steel net 1  
609.04.00.15



609 - IR Steel net 2  
609.04.00.16



609 - IR Steel net 3  
609.04.00.19

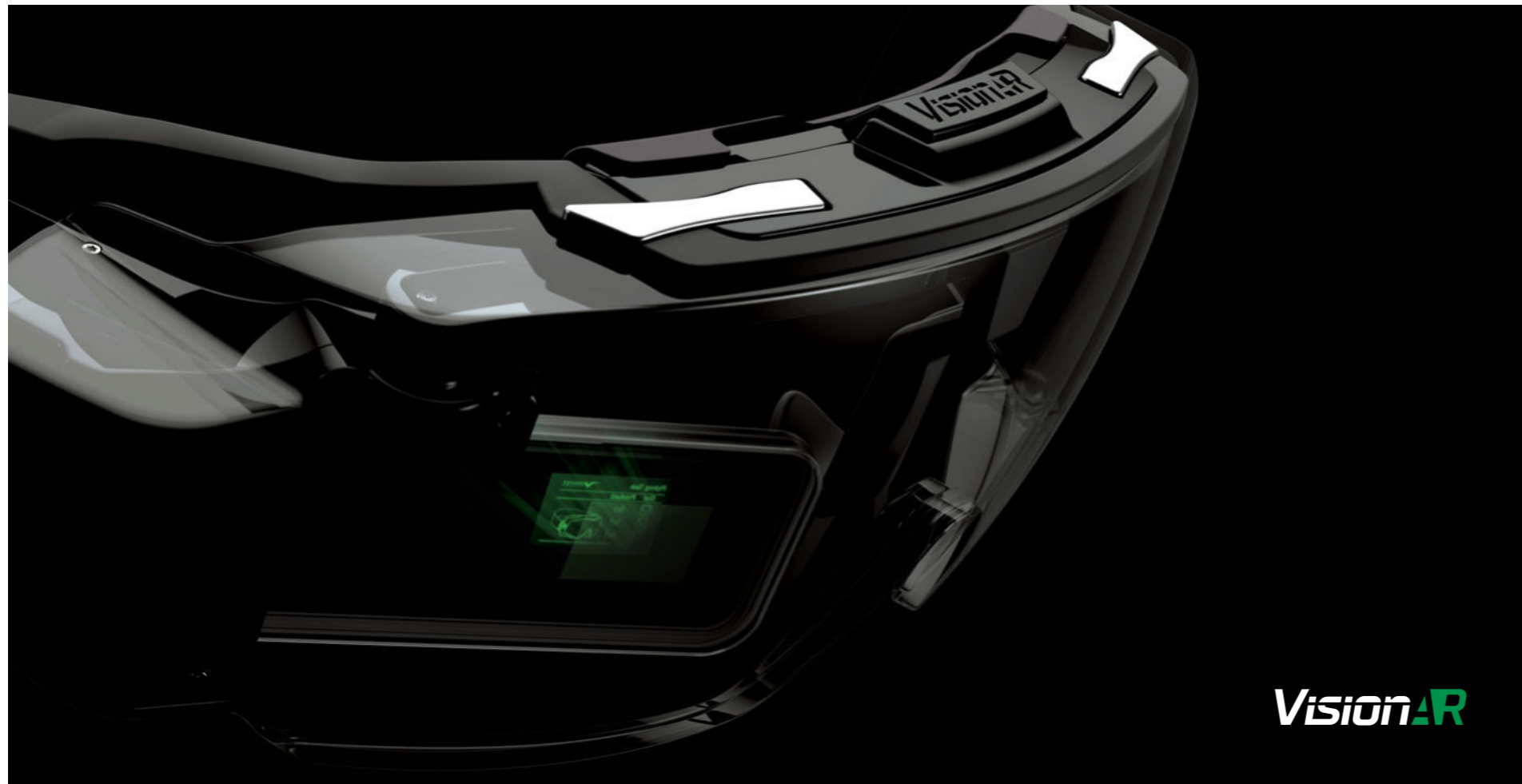


609 - IR Steel  
609.04.00.17

Product	Product Code (EU)	Lens Color	Lens Mark (EU)	Frame Color	Lens Technology	Standards
609 - IR Steel net 1	609.04.00.15	-	-	-	-	EN166
609 - IR Steel net 2	609.04.00.16	-	-	-	-	EN166
609 - IR Steel net 3	609.04.00.19	-	-	-	-	EN166
609 - IR Steel	609.04.00.17	-	-	-	-	EN166

Frame Mark (UE): -

>> Download the technical data sheets: [www.univetsafety.com/609](http://www.univetsafety.com/609)



# AUGMENTED REALITY

With Industry 4.0 technology is deeply influencing our production systems. In order to satisfy these new market requests we created the first augmented reality safety glasses that combine optical and electronic technology with eye protection.



Find out  
more



[univetar.com](http://univetar.com)



Download  
catalogue



[univetsafety.com  
/cleanroom-catalogue](http://univetsafety.com/cleanroom-catalogue)

## CLEAN ROOM

At the beginning of 2000 Univet created and introduced sterilizable goggles for the clean room. The continuous research for innovation allowed the creation of a complete range of products offering specific technical solutions to the needs of the clean room market.



Download  
catalogue



[univetlaser.com  
/laser-catalogue](http://univetlaser.com/laser-catalogue)

## LASER SAFETY




The laser beam, direct or reflected, can cause damages to the eyes. Univet developed a range of protection filters suitable for all sources.



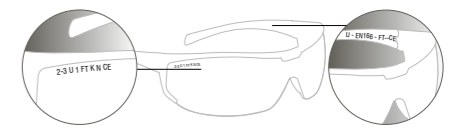
technical data  
and regulations

## EUROPEAN STANDARD ON PERSONAL EYE PROTECTION

On the basis of Regulation (EU) 2016/425, Personal Protective Equipment (PPE) shall mean any device or appliance designed to be worn or held by an individual to protect himself against one or more health and safety hazards, as well as any accessory or ensemble designed so as to be a component of a personal protective equipment.

CATEGORIES OF PERSONAL PROTECTIVE EQUIPMENT (PPE)		
CATEGORY I	CATEGORY II	CATEGORY III
		
PPE of simple design, intended to safeguard the individual from minimal risks, whose gradual effects may be perceived on time and without permanent consequences to the user who is able to understand the effectiveness of the protection provided by the PPE.	PPE that do not belong to the other two categories.	PPE of complex design intended to protect against mortal danger or against dangers that may seriously and irreversibly harm the health, of the user. Under this category are grouped those PPE intended to provide protection against short circuit electric arc.

### SPECTACLE

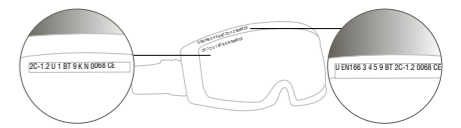


EXAMPLE OF MARKING IDENTIFICATION ON THE LENS					
2-3	U	1	FT	KN	CE
Scale number (code number - shade number)*	Manufacturer (Univet)	Optical Class	Mechanical resistance	Optional requirement	

\* The scale number for welding filters is only represented by the shade number

EXAMPLE OF MARKING IDENTIFICATION ON THE FRAME					
U	EN166		FT		CE
Manufacturer (Univet)	Standard reference certification	Field of use (where applicable)	Mechanical resistance	Where applicable a symbol intended to identify that the article is aimed at small size head	Scale number (Where applicable highest ocular scale number compatible with the frame)

### GOGGLE



EXAMPLE OF MARKING IDENTIFICATION ON THE LENS							
2C-1.2	U	1	BT	9	KN	0068	CE
Scale number (code number - shade number)*	Manufacturer (Univet)	Optical Class	Mechanical resistance	Field of use	Optional requirement	Number identifying the Notified Body only for PPE belonging to Cat. III	

\* The scale number for welding filters is only represented by the shade number

EXAMPLE OF MARKING IDENTIFICATION ON THE FRAME						
U	EN166	3 4 5 9	BT	2C-1.2	0068	CE
Manufacturer (Univet)	Standard reference certification	Field of use	Mechanical resistance	Scale number (Where applicable highest ocular scale number compatible with the frame)	Number identifying the Notified Body only for PPE belonging to Cat. III	

# MEANINGS OF EN MARKING

PPE belonging to category II and III shall be tested and certified by an officially recognized European Notified Body.

Product certification which demonstrate compliance to the requirements set by PPE Regulation (EU) 2016/425 might be based on the following European standards:

EN166 – Personal eye-protection specifications

EN175 – Equipment for eye and face protection during welding and allied processes

EN166 recalls additional standards which further specify requirements as a function of PPE typology and of their fields of use:

EN165 – Personal eye-protection. Vocabulary.

EN171 – Personal eye-protection. Infra-red (IR) filters

EN167 – Personal eye-protection. Optical test methods

EN172 – Personal eye-protection. Sunglare filters for industrial use

EN168 – Personal eye-protection. Non-optical test methods

EN1731 – Personal eye-protection. Mesh eye and face protectors

EN169 – Personal eye-protection.

EN379 – Personal eye-protection. Specification for automatic welding filters

Filter for welding and related techniques

EN170 – Personal eye-protection. Ultra-violet (UV) filters

SCALE NUMBER ( CODE NUMBER - SHADE NUMBER)		
CODE NUMBER	SHADE NUMBER AND TYPICAL LENS COLOURS	VLT RANGE
<b>2</b> Ultraviolet (UV)	<b>1.2</b> Clear	100% - 74.4%
	<b>1.7</b> In/Out, yellow, clear mirrored, UVR	58.1% - 43.2%
<b>2C</b> UV with good colour recognition	<b>2.5</b> Brown, smoke	29.1% - 17.8%
	<b>3.1</b> G15, smoke mirrored	17.8% - 8.0%
<b>4</b> Infra-red (IR)	<b>3,4,5,...11</b> Welding	-
<b>5</b> Sunglare filter without infra-red specification	Welding products do not require a code number	
<b>6</b> Sunglare filter with infra-red specification		

MECHANICAL RESISTANCE (PROTECTION AGAINST HIGH SPEED PARTICLES)							
SYMBOL	IMPACT LEVEL	IMPACT SPEED	DIAMETER	GRAMS	SPECTACLES	GOGGLES	FACE SHIELDS
<b>A (T)</b>	High energy impact	190 m/s	ø 6 mm	0,86 g			•
<b>B (T)</b>	Medium energy impact	120 m/s				•	•
<b>F (T)</b>	Low energy impact	45 m/s			•	•	•
<b>S</b>	Increased robustness	5,1 m/s	ø 22 mm	43 g	•	•	•

(T) If the impact letter (F, B or A) is followed by the letter T, then the eyewear protects against impact at extreme temperatures (-5°/ +55°C)

OPTICAL CLASS					
MARKING	SPHERICAL REFRACTIVE POWER m <sup>-1</sup>	ASTIGMATIC REFRACTIVE POWER m <sup>-1</sup>	DIFFERENCE IN PRISMATIC REFRACTIVE POWER cm/m		
			HORIZONTAL BASE OUT	HORIZONTAL BASE IN	VERTICAL
<b>1</b>	± 0.06	0.06	0.75	0.25	0.25
<b>2</b>	± 0.12	0.12	1.00	0.25	0.25
<b>3</b>	+ 0.12 / - 0.25	0.25	1.00	0.25	0.25

OPTIONAL REQUIREMENTS (ADDITIONAL MARKINGS ON LENSES, VISORS AND OCULARS)	
<b>8</b>	Symbol for protection against short circuit electric arc
<b>9</b>	Symbol for protection against molten metals and hot solids
<b>K</b>	Resistance to surface damage by fine particles
<b>N</b>	Resistance to fogging of oculars
<b>T</b>	Protection against high speed particles at extreme temperatures (-5°/+55° C)
<b>H</b>	Frame suitable for small size head
<b>R</b>	Enhanced reflectance in the infra-red
∇	Symbol for replacement ocular



FIELDS OF USE (ADDITIONAL MARKINGS WHICH CAN BE FOUND ON FRAME)					
SYMBOL	DESIGNATION	DESCRIPTION OF THE FIELD OF USE	SPECTACLES	GOGGLES	FACE SHIELDS
<b>No symbol</b>	Basic use	Unspecified mechanical hazards and hazards arising from ultraviolet, visible, infra-red and sun radiation	•	•	•
<b>3</b>	Liquids	Liquids (droplets or splashes)		•	•
<b>4</b>	Large dust particles	Dust with a particle size > 5 µm		•	
<b>5</b>	Gas and fine dust particles	Gases, vapours, sprays, smoke and dust with a particle size < 5 µm		•	
<b>8</b>	Short circuit electric arc	Electrical arc due to a short circuit in electrical equipment			•
<b>9</b>	Molten metals and hot solids	Splashes of molten metals and penetration of hot solids		•	•

# AMERICAN STANDARD FOR PERSONAL EYE PROTECTION DEVICES

## SPECTACLE

EXAMPLE OF MARKING IDENTIFICATION ON THE LENS
<b>U+U6</b>
Lens mark
U = Manufacturer's logo + Identify an impact rated article U6 = Scale number

EXAMPLE OF MARKING IDENTIFICATION ON THE FRAME	
<b>UZ87+</b>	<b>Z87+</b>
Marking on the front piece	Marking on at least one temple
U = Manufacturer's logo Z87+ Identify an impact rated article	

MEANING OF MARKING ACCORDING TO ANSI/ISEA Z87.1-2015 IN RESPECT OF FILTER PERFORMANCE		
1 <sup>st</sup> CHARACTER	DESCRIPTION	EXAMPLE
<b>U</b>	Protection against ultraviolet radiations	U4
<b>W</b>	Protection against radiations produced during welding (welding filters)	W2.5
<b>L</b>	Protection against radiations in the visible spectrum	L1.7
<b>R</b>	Protection against infra-red radiations	R2.5
<b>S</b>	Special purpose filters	S
2 <sup>nd</sup> CHARACTER	DESCRIPTION	EXAMPLE
<b>Number</b>	Number which varies in respect to the attenuation provided by the filter	2.5

## GOGGLE

EXAMPLE OF MARKING IDENTIFICATION OF A PPE WHERE LENS AND FRAME FORM A SINGLE UNIT (NO REPLACEABLE COMPONENTS)
<b>UZ87+U6R2</b>
Mark applied on lens or on frame
U = Manufacturer's logo Z87+ Identify an impact rated article U6 = Scale number referred to a filter providing UV protection R2 = Scale number referred to a filter providing IR protection

MARKING REFERENCES TIED TO SPECIFIC FIELDS OF USE, ACCORDING TO ANSI/ISEA Z87.1-2015	
<b>D3</b>	Protection from drops/splashes
<b>D4</b>	Protection from dust
<b>D5</b>	Protection from fine dust

# How to clean and protect

## spectacles and goggles

Dirty lenses can cause eyestrain due to forced focusing. Lens cleaning is a fundamental operation for vision and glasses maintenance that should be carried out daily. If done in a wrong way, approximately or with improvised tools it can cause scratches and damages to the lenses and to the treatments. Follow the indications herebelow for a correct maintenance.

### Yes



It is necessary to **put the glasses or the mask under cold water\*** before each cleaning activity, in order to remove dust. Next **dry the lens** with a soft microfiber cloth



Clean the lens with **Univet cleaning spray** or Univet wet towels\*\* (or repeat washing under cold water\*)



Use a **soft and clean microfiber cloth** to dry the lens



Always store the glasses and the mask in their **protective case**

### No



**Never use warm water** to clean the glasses as it could damages the treatments on the lens (anti-fog treatment, and anti-reflection treatment,...)



**Do not clean with solvents, detergents and alcohol based cleaning products\*\***



**Never use clothes, fingers and handkerchiefs** to clean the lenses



**Never put the glasses or the goggles face down**

## CLEANING KITS



Univet Cleaning station  
3QL002-



Univet cleaning tissue  
Pack of 24 pcs  
3QL003-



Univet cleaning spray  
30ml  
3QL004-



Microfibre cloth  
3PA225



Anti-Fog cloth  
3PA347-



Anti-fog cleaner  
4QL001--ASSEMB-

## POUCHES AND CASES



Microfiber pouch for  
Spectacles 2300072UNIVET  
Goggles 3AT026



Goggle case  
3AT025



Case with zip  
2300062



Rigid case with zip  
3AT029

## SPECTACLES NECK CORDS



Black cotton neck cord  
023345



Univet black neck cord  
with buckle  
023346



Black cotton neck cord  
with buckle  
4PA114--ASSEMB-

\* In case the substance present on the lens is known to react with water, we recommend to remove it according to the precautions stated by the producer into his safety data sheet, avoiding contact with water.

\*\* The Univet cleaning spray (3QL002- and 3QL004-) and the Univet wet towels (3QL003-) contain a type of alcohol tested and suitable for use on our products.

# optical technologies



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