

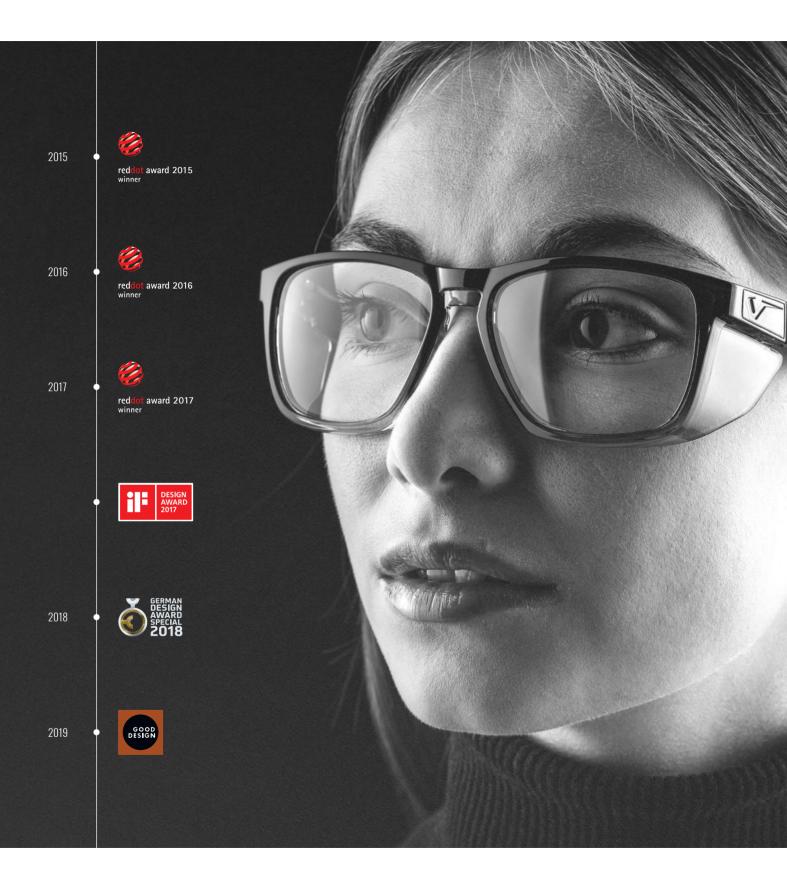


# your eyes our passion





#### / **OPTICAL** TECHNOLOGIES





# ESIGN

## Design Univet

Excellent Italian Style

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



INNOVATIVE VISION AR

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USEFUL 5X7



REVOLUTIONARY 6X3

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POWERFUL 5X1



DYNAMIC 5X9



AESTHETICS 546





#### / FASHION SAFETY GLASSES



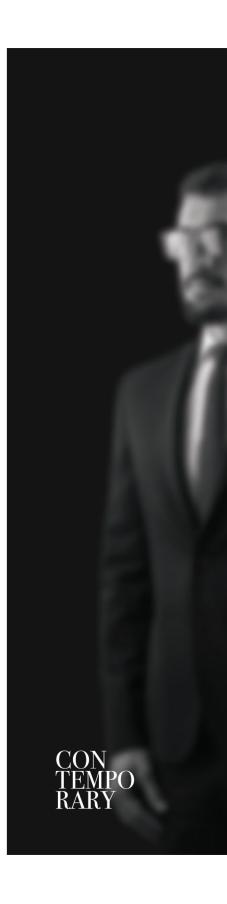


## fashion safety glasses

Contemporary combines elegance and style in protection, changing the concept of safety glasses.

## our vision

The Fashion Safety Glasses project resonates Univet's mission to create glamorous and comfortable PPE so that always more people start caring for their eyes.







## style Scheritage

An iconic style that reveals not only class and elegance but also a bond with a legendary past and a prestigious manufacture.





## colour philosophy

The balance between colour, shape and light represents the essence of Contemporary philosophy.



### discover the range

Contemporary at page 51

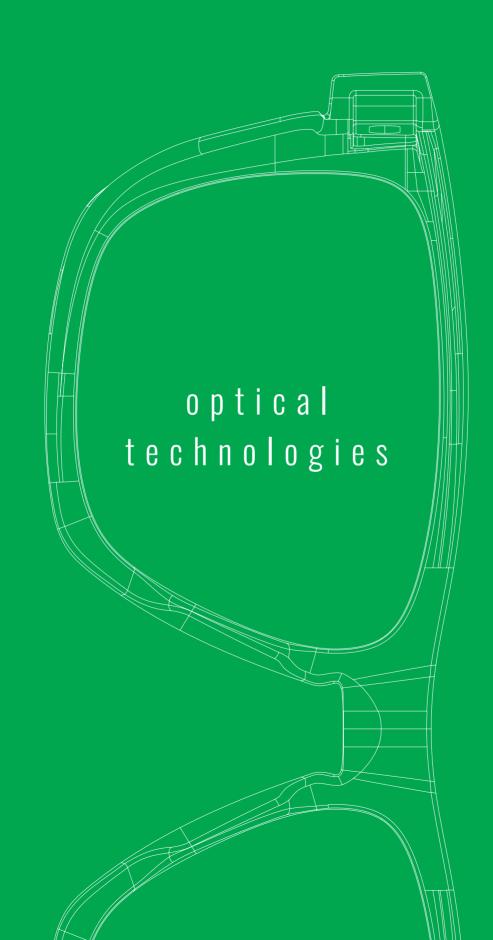


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#### / **OPTICAL** TECHNOLOGIES





# TEST LAB

## Test Lab

#### Technology and Innovation

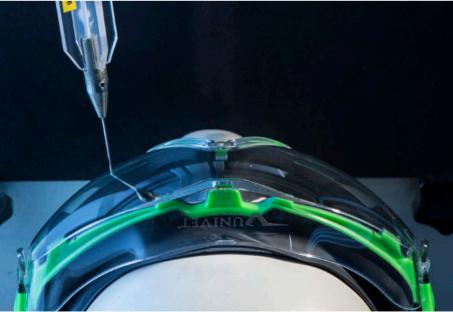
In our laboratory we develop and test new materials, innovative technologies and lens treatments, that represent the essence of Univet products, a synonim of design, performance and maximum protection.

### > THERMAL STABILITY TEST

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







#### > IMPACT TEST

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





### > OPTICAL POWER TEST

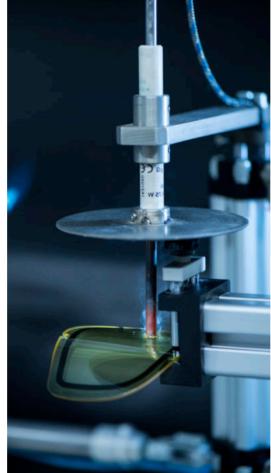
It ensures that the lenses won't create any kind of optical distortion and optical correction.



#### > 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.

#### / **OPTICAL** TECHNOLOGIES



### > FIELD OF VIEW

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



### > 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.





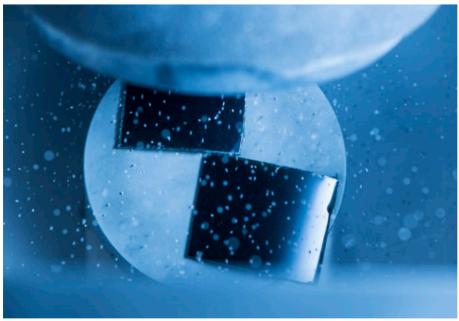
### > HEAT RESISTANCE

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-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 arm and nose pad and the innovative materials that we implemented, enables the user to refine the glasses ergonomics so to give an unparalleled comfort.



Adjustable nose pad



Rubber terminal



Tilting movement

## 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.



## 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 61 - **5X6** page 97 - **5X7** page 105 - **5X8** page 115
 **5X9** page 123 - **5X9 SPORT** page 139 - **6X1** page 145





## **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	20.2	-16%

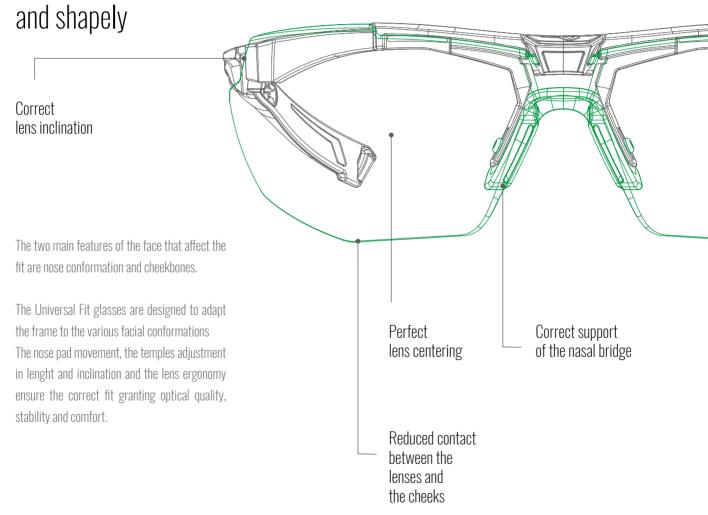
Lens available for the following models:
 5X1 Zeronoise page 73 - 553 Zeronoise page 171



## Universal Fitting

Comfortable

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 1

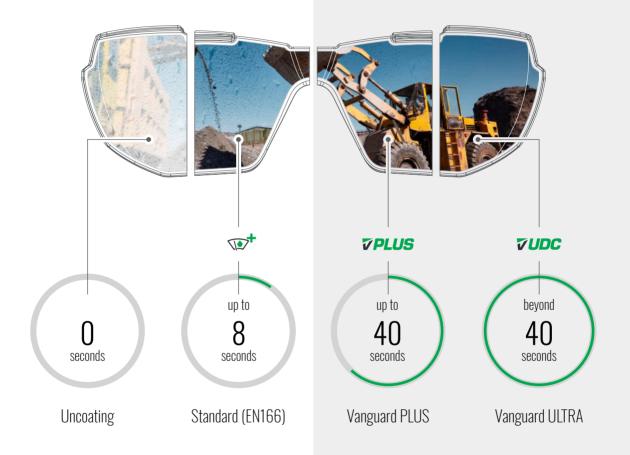
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## Vanguard

### Ultra Performing Treatment

Comparing treatments
Anti-Fog 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. **JANGUARD** 

Lenses and treatments

#### Vanguard PLUS is an anti-scratch and anti-fog treatment, applied on both sides of the lenses, with K and N certification. This

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.

#### **VUDC**

**VPLUS** 

#### Vanguard ULTRA

(UDC – Ultra Double Coating) it's 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 procedures and maintenance. (Instuctions at page 274)

### Designed for extreme conditions

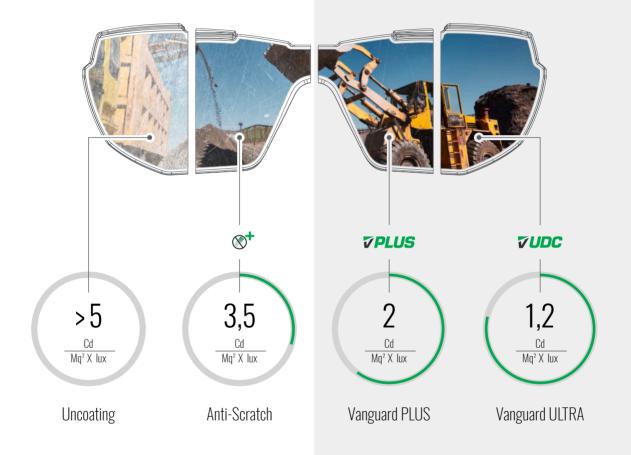
#### Lens treatments Summary

SYMBOL	TREATMENT	MARKING
<b>VUDC</b>	Vanguard ULTRA	KN
<b>VPLUS</b>	Vanguard PLUS	KN
<b>*</b>	Anti-Fog	N
$\langle \!$	Anti-Fog Basic	

## Vanguard

### Ultra Performing Treatment

## Comparing treatments Anti-Scratch 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. 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.

Lenses and treatments

#### 

### 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 / Mq<sup>2</sup> x lux.

## 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
<b>VPLUS</b>	Vanguard PLUS	KN
$\bigcirc^+$	Anti-Scratch	К
$\otimes$	Anti-Scratch Basic	

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 274)

## **Blue Block**

Filters the harmful blue radiation

The Safety lens with Blue Block filter is designed to preserve the eyes well-being from harmful blue radiation emitted by notebooks, LED monitors, tablets and smartphones and by artificial LED lighting. This lens reduces visual fatigue and makes images sharper.



### UV Filter

Blue light rays have a very high frequency, much greater than the solar UV rays. The blue light damages the back of the eye as much as the UV rays 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 51 - Prescription Glasses page 188



### 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.

The prolonged use of notebooks, led monitors, tablets and smartphones reduces eyelids blinking up to five times. This can cause visual fatigue and headaches associated to other symptoms as blurred vision, eye soreness, double vision and sensitivity to light.

These harmful effects can increase with the use of electronic devices in the evening. In fact, blue light exposure in the evening can interfere with the circadian cycle, that is supposed to balance the timings of sleep and wakefulness, causing annoying sleep disorders.

Blue Block lenses reduce these harmful effects.

# **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.



### **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.

### 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.

Lens available for the following models: 5X1 page 61 - 5X7 page 105

### 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.





# Hydrophobic

& Oleophobic shield

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



### 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 61

Lenses and treatments



Hydrophobic Oleophobic Dry Coating

# 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.

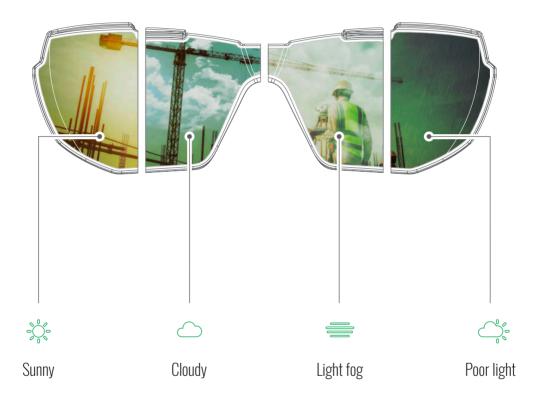


### \* 84 % VLT (Visible Light Trasmittance)

# 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

Lenses and treatments

### 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.



# Polar-X

### Anti-reflection solar lens

The Polar-X polarized solar lens uses a specific antireflection 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.



### **Common Filters**

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

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.

Lens available for the following models: 5X9 SPORT page 139 Polar

# 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 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 lights 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 Trasmittance)

# 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 139

Lenses and treatments

### 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.



### \* 16 % VLT (Visible Light Trasmittance)

univet.it/photochromic

# In/Out

Protection for activities with rapid light changes

The In/Out lens is recommended for workers that change rapidly from indoor to outdoor activities. This lens undergoes a multilayer treatment on the external surface in order to filter environmental light.



The models with the In/Out lens protect from glare and ensure high visibility without altering the original colour. Especially recommended for: activities with forklifts and rapid changes from in- and outdoor environments.

### >> Lens available on models:

5X1 page 61 - 5X6 page 97 - 5X7 page 105 - 5X8 page 115 - 506 UP page 155 - 553 Zeronoise page 171 - 513 page 180

# High visibility with all light conditions

During daytime, changing from a bright to a darker environment or viceversa causes the sudden closing or opening of the pupil reducing visual acuity. This is a physiological process and has different times according to the various individuals, exposing the worker to the risk of a temporary loss of visibility. The use of glasses with In/Out lenses reducing pupil' activity, eliminates the risk, granting an high visibility in all light conditions.

45 % filtered light\*

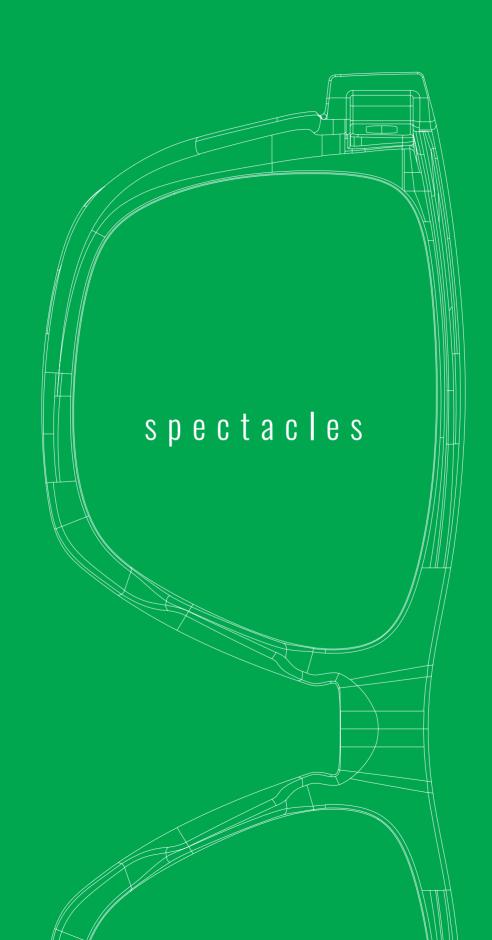
### \* 55 % VLT (Visible Light Trasmittance)

### Did you know that

The pupil changes dimensions without us noticing. The pupil's behaviour is an involuntary reflection: in case of intense light, the closing of the pupil protects the retina's photosensitive cells from damages, on the other hand, in low light conditions, its opening helps to capture as much light as possible.

A sudden change in the pupil dimensions can cause poor visibility and be a potential danger.

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### / **SPECTACLES** CONTEMPORARY



UNIVE.

Stall and



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.



### ZERO METALLIC COMPONENTS

Contemporary is made of PA12 Nylon and is therefor devoid of metallic components.





### GLOSSY VARNISHED

The frame is painted with a shaded effect in Honey, Stone, Amethyst and Diamond colours.

# Find out more



univet.it/contemporary



# FRAME

TECHNOLOGIES

- > Light and extremely tough
- > Integrated side shields
- > PA12 Nylon frame with zero metallic components
- > Glossy varnish with shaded effect
- > Available with Safety Blue Block and Clear KN lenses, with anti-fog and anti-scratch ultra performing Vanguard PLUS treatment





### BLUE BLOCK VERSIONS



**Honey** After Dark



**571 - Amethyst** 571.14.00.C0 **Lens** Clear Blue Block **Caliber** 56 □ 16 x 125 Amethyst After Dark



**571 - Stone** 571.14.01.CO **Lens** Clear Blue Block **Caliber** 56 🗆 16 x 125 **Stone** After Dark

CLEAR KN VERSIONS



**Diamond** After Dark

- > Light and extremely tough
- > Integrated side shields
- > PA12 Nylon frame with zero metallic components
- > Glossy varnish with shaded effect
- > Available with Safety Blue Block and Clear KN lenses, with anti-fog and anti-scratch ultra performing Vanguard PLUS treatment

Lens Treatments

**⊽PLUS** 



∕⁄ 25 g

### BLUE BLOCK VERSIONS



**Honey** After Dark



**572 - Amethyst** 572.14.00.C0 **Lens** Clear Blue Block **Caliber** 52 □ 15 x 125 Amethyst After Dark



**Caliber** 52 🗆 15 x 125

**Stone** After Dark

CLEAR KN VERSIONS



**Diamond** After Dark

# FEATURES

- > Light and extremely tough
- > Integrated side shields
- > PA12 Nylon frame with zero metallic components
- > Glossy varnish with shaded effect
- > Available with Safety Blue Block and Clear KN lenses, with anti-fog and anti-scratch ultra performing Vanguard PLUS treatment

Lens Treatments

**VPLUS** 





### BLUE BLOCK VERSIONS



**Honey** After Dark



**573 - Amethyst** 573.14.00.C0 **Lens** Clear Blue Block **Caliber** 53 □ 17 x 125 Amethyst After Dark



**Caliber** 53 🗆 17 x 125

**Stone** After Dark

CLEAR KN VERSIONS



**Diamond** After Dark

### / **SPECTACLES** X-GENERATION





# 5 X 1

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 that every worker is able to personalise the 5X1 without compromising comfort and protection. The extended wraparound lenses provides extra coverage around the eyes.

### / SPECTACLES X-GENERATION



### RUBBER TERMINAL WITH INCLINATION MOVEMENT

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

### INCLINATION AND LENGTH ADJUSTMENT

FLOATING

More flexible frame

for an optimal fit on any face.

LENS

Allows correct fitting and constant safety at work.





# Find out more



univet.it/5X1



### F R A M E T E C H N O L O G I E S

### / SPECTACLES X-GENERATION





### LENS INTERCHANGE SYSTEM

Thanks to the patent lens exchange system it is possible to quickly replace the lens for optimal visibility in any environment: "Clear", in good visibility conditions: "Solar G-15", to shield from UV rays: "In/Out", for indoor and outdoor activities: "Contrast", in case of poor visibility. 5X1

### / **SPECTACLES** X-GENERATION



1

## T O T A L V E R S A T I L I T Y

# > FEATURES

- > Fast interchangeable lenses system
- > Patent nose pad with height adjustment
- > Temples with rubber terminals and tilting movement
- > Temples adjustable in length and inclination
- > Frame with Floating Lens technology





VERSIONS



**5X1 - Clear Plus** 5X1.03.00.00 Frame Dark grey/Green Lens Clear

VPLUS C



5X1 - Solar G15 5X1.03.00.05 **Frame** Dark grey/Green **Lens** Green G15



5X1 - In/Out 5X1.30.00.00 Frame Dark grey/Green Lens In/Out





5X1 - Clear Anti Reflex 5X1 - Clear Hydrophobic 5X1.40.02.00 **Frame** Dark grey/Green **Lens** Clear Hydrophobic Frame: Black/Orange Lens Clear RFL-X

© CLEAR RFL-X



5X1 - Contrast 5X1.00.00.03 Frame Dark grey/Green Lens Yellow



5X1.04.00.00



5X1 - Welding IR 3 5X1.00.00.30 Frame Dark grey/Green Lens Green IR 3

ACCESSORIES



5X1 - Welding IR 5 5X1.00.00.50 Frame Dark grey/Green Lens Green IR 5



VPLUS C



5X1 - Clear Plus Lens 5X1K2.03.00 Lens Clear





5X1 - Solar G15 Lens 5X1K2.03.05 Lens Green G15



5X1

### / SPECTACLES X-GENERATION



## **RX INSERT** Assemblying of prescription lenses

The RX insert for corrective lenses is a support that enables Univet safety glasses to be fitted with ophthalmic lenses. This device allows sight protection and correction to be combined in a single product. The insert can be made on specific request according to medical prescription and can be easily applied and removed from the PPE.



ACCESSORIES





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# 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.



#### H I G H P E R F O R M A N C E

The ultra-thin design of the temples allows an outstanding sound attenuation performance.

#### ULTRA-THIN TEMPLES

Zeronoise technology is engineered to work in perfect combination with earmuffs.

#### FLAWLESS COMBINATION

5X1 Zeronoise has been engineered to work in combination with ear muffs.

# Find out more



univet.it/5X1-zeronoise

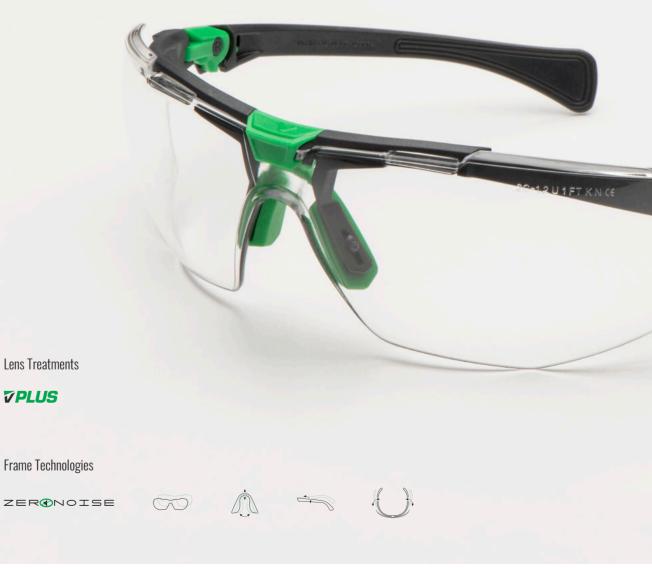
ZERGNOISE

Z E R O N O I S E T E C H N O L O G Y

Laboratory tests show that, thanks to Zeronoise technology, the combination of earmuffs and glasses ensures 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	20.2	- 16%

- > Ultra-thin temples for combined use with earmuffs
- > Temples adjustable in inclination
- > Patent nose pad with height adjustment
- > Frame with Floating Lens technology
- > Fast interchangeable lenses system





# ZERONOISE

### Combined use with earmuffs

#### VERSIONS

#### 7 PLUS C



5X1Z - Clear Plus 5X1Z.03.00.00 Frame Dark grey/Green Lens Clear

#### 7PLUS C



5X1Z - Solar G15 5X1Z.03.00.05 Frame Dark grey/Green Lens Green G15

#### ACCESSORIES

#### 7 PLUS 🕻



5X1 - Clear Plus Lens 5X1K2.03.00 Lens Clear



VPLUS C

**5X1 - Solar G15 Lens** 5X1K2.03.05 **Lens** Green G15



5X1 - Zeronoise Temples 5X1K3.00.00 Frame Dark grey







# **5** X 1 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.

- > Certified according to EN166 standard, point 3 for protection against droplets and splashes
- > Soft-rubber gasket for a gentle support on the face
- > Patent nose pad with height adjustment
- > Frame with Floating Lens technology
- > Fast interchangeable lenses system
- > Easy assembly/disassembly of the rubber gasket



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



## HYBRID Liquids protection / 3

#### VERSIONS

#### VPLUS C



5X1 Hybrid - Clear Plus 5X1E0030000 Frame Dark grey/Green Lens Clear Field of use 3

#### 7 PLUS C



5X1 Hybrid - Solar G15 5X1E0030005 Frame Dark grey/Green Lens Green G15 Field of use 3

#### ACCESSORIES

#### 7 PLUS C



5X1 - Clear Plus Lens 5X1K2.03.00 Lens Clear





**5X1 - Solar G15 Lens** 5X1K2.03.05 **Lens** Green G15



**5X1 - Kit Hybrid** 5X1K10000 **Frame** Gunmetal/Grey

**To be used only with versions** 5X1.03.00.00, 5X1.03.00.05, 5X1.00.00.03, 5X1.00.00.30, 5X1.00.00.50





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



#### FLOATING LENS

More flexible frame for an optimal fit on any face.



SWEATGUARD AND RUBBER NOSE PAD

Guarantee comfort and stability with a shockproof effect.





## Find out more



univet.it/5X3

### F R A M E T E C H N O L O G I E S



UNIVET

### HIGH TECHNOLOGY

- > Adapts to face conformation with no need for adjustments
- > Ultra wraparound lens for a better protection around the eyes
- > Designed to avoid annoying contact points with the face
- > Frame with Floating Lens technology
- Available with anti-fog and anti-scratch ultraperforming Vanguard Ultra (UDC) treatment



5 X



5X3



7UDC E

5X3 - Solar Brown 5X3.03.33.08 Frame Black/Orange Lens Brown





5X3 - Solar Flash Mirror 5X3.12.35.02 Frame Black/Green Lens Smoke FM

7**UDC** UV525

**5X3 - Clear Ultra** 5X3.03.33.00

Lens Clear

Frame Black/Orange

VERSIONS

**VUDC** 



5X3 - High Contrast 5X3.03.33.04 Frame Black/Orange Lens Orange

5X3.03.33.09 Frame Black/Orange Lens Amber

**VPLUS** 

5X3 - Intense Light

 $\otimes^{+}$ 

**5X3 - Clear** 5X3.01.35.00

Lens Clear

Frame Black/Green





5X3 - Welding IR 3 5X3.03.35.30 Frame Black/Green Lens Green IR 3



5X3.03.35.50 Frame Black/Green Lens Green IR 5

🖊 31 g



UNIVET

# 5 X 4

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



UNIVET

### E X C E L L E N T E R G O N O M I C S

- > Excellent ergonomics
- > One-piece hypoallergenic nose bridge
- > Great side protection thanks to the wraparound design of the lenses
- > Glossy varnish frame





5X4



#### VERSIONS



5X4 - Solar G15 5X4.03.30.05 Frame Black painted Lens Green G15

⊗⁺ ూ⁺ 🕼





univet.it/5X4





# 5 X 6

5X6 is the ideal solution when a prolonged use of safety glasses is needed. The innovative frame with floating lens technology combined with the patent SoftPad system, guarantees comfort and excellent stability.





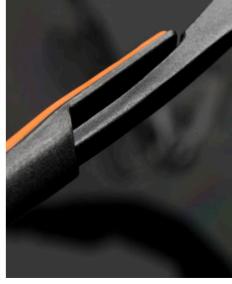


#### RUBBER NOSE PAD

Adjustable to individual conformation to ensure better comfort.

#### LENGTH ADJUSTMENT

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



UNIVET



# Find out more



univet.it/5X6



### F R A M E T E C H N O L O G I E S



### S P O R T Y D E S I G N

- > Light and comfortable product, ideal for prolonged use
- > Temples with rubber terminals and tilting movement
- > Temples adjustable in length
- > Soft and anatomic adjustable nose bridge
- > Frame with Floating Lens technology



#### UNIVET



5X6



#### VERSIONS



5X6 - Clear 5X6.01.00.00 Frame Black/Orange Lens Clear



5X6 - Clear Plus 5X6.03.11.00 Frame Gunmetal/Green Lens Clear

7 PLUS C

#### 7 PLUS C



5X6 - Solar G15 5X6.03.00.05 Frame Gunmetal/Green Lens Green G15



**5X6 - In/Out** 5X6.31.11.00 **Frame** Gunmetal/Green **Lens** In/Out 8

5X6 - Contrast 5X6.03.00.03 Frame Black/Orange Lens Yellow



∕⁄ 26 g

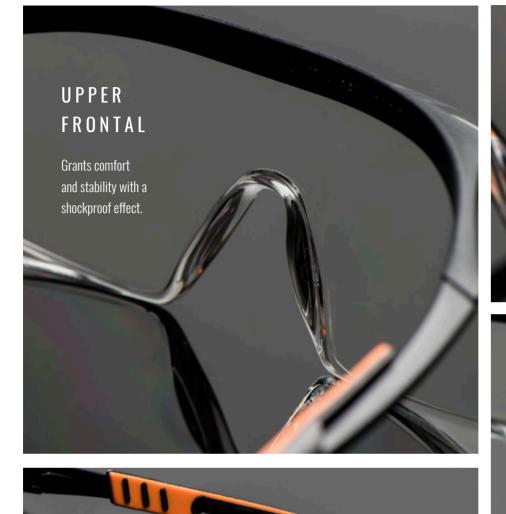
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# 5 X 7

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



#### SIDE Shields

Improved peripheral protection even in combination with eyeglasses.

#### LENGTH ADJUSTMENT

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

RUBBER TERMINAL WITH TILTING MOVEMENT

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



### Find out more



univet.it/5X7



## F R A M E T E C H N O L O G I E S



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Co

#### NO TEMPLES OVERLAPPING

Avoids the annoying overlapping of temples between the two glasses, for comfort and greater stability even in prolonged use.



# Find out more



univet.it/5X7



### O V E R S P E C F U N C T I O N

Basic prescription goggles do not protect the eyes in hazardous environments, for this reason the 5X7 is an over-spectacles PPE meant to further enhance prootection.



# TOTAL PROTECTION

- > Perfect integration with prescription glasses
- > Temples with rubber terminals and tilting movement
- > Temples adjustable in length
- > Integrated side shields



Lens Treatments

Frame Technologies

Soft pad

**VPLUS** 

CLEAR RFL-X O<sup>+</sup>

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#### UNIVET



5X7



#### VERSIONS



5X7 - Clear 5X7.01.00.00 Frame Black/Orange Lens Clear

5X7 - In/Out

5X7.31.11.00

Lens In/Out

#### VPLUS C



5X7 - Clear Plus 5X7.03.11.00 Frame Gunmetal/Green Lens Clear

5X7 - Solar Smoke

Frame Gunmetal/Green

5X7.01.11.02

Lens Smoke

**()** 

#### © CLEAR RFL-X E



5X7 - Clear Anti Reflex 5X7.40.00.00 Frame: Black/Orange Lens Clear RFL-X



5X7 - Intense Light 5X7.01.00.09 Frame Black/Orange Lens Amber



Frame Gunmetal/Green



5X7 - High Contrast 5X7.03.00.04 Frame Black/Orange Lens Orange



5X7 - Solar/Welding IR 1.7 5X7.01.11.47 Frame Gunmetal/Green Lens Green UVR



5X7 - Welding IR 1.7 5X7.01.11.17 Frame Gunmetal/Green Lens Green IR 1.7



5X7 - Welding IR 3 5X7.01.11.30 Frame Gunmetal/Green Lens Green IR 3



5X7 - Welding IR 5 5X7.01.11.50 Frame Gunmetal/Green Lens Green IR 5





# 5 X 8

The 5X8 represents the essence of protective eyewear. The innovative SoftPad technology combined to the excellent coverage of the eye area and the angle adjustment of the temples offers exceptional comfort and stability. The range of lenses and treatments is complete and highly performing in order to meet the protection needs of different working environments.







#### RUBBER TERMINAL WITH TILTING MOVEMENT

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

UNIVET

#### ENVELOPING LENS

Sporty design and excellent side protection.

# Find out more



univet.it/5X8



### F R A M E T E C H N O L O G I E S







- > Comfortable and light device, ideal for prolonged uses
- > Temples with rubber terminals and tilting movement
- > Temples adjustable in length and inclination
- > Soft and anatomic adjustable nose bridge
- > Integrated side shields



#### UNIVET



5X8



**5X8 - Solar G15** 5X8.03.00.05 Frame Gunmetal/Green Lens Green G15



VERSIONS

**\*** 

**5X8 - Clear** 5X8.01.00.00

Frame Black/Orange Lens Clear

5X8 - In/Out 5X8.31.11.00 Frame Gunmetal/Green Lens In/Out

5X8 - Contrast 5X8.03.00.03 Frame Black/Orange Lens Yellow

7 PLUS C

Lens Clear

7PLUS C

# **5X8 - Clear Plus** 5X8.03.11.00





🖊 29 g

UIFTKNCE/2417

UNIVET

121





# 5 X 9

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. 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.

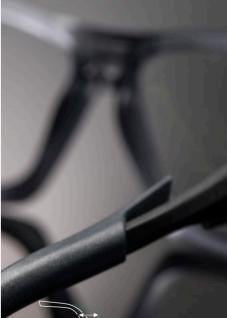
#### SIDE SHIELD WITH VENTILATION SYSTEM

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

#### RUBBER TERMINAL WITH TILTING MOVEMENT

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





#### LENGTH ADJUSTMENT

Allows to obtain the correct fit and work in constant safety

UNIVET

#### INCLINATION ADJUSTMENT

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

# Find out more



univet.it/5X9



## F R A M E T E C H N O L O G I E S



## SPORTY AND MODULAR



\* Weight: 35 g with polycarbonate lens / 41 g with CR39 lens / 45 g with glass lens





∕⁄ 35g\*

#### VERSIONS



5X9 - Clear 1 5X9.01.11.00 Frame Gunmetal/Orange Lens Clear PC 0+ 0+

5X9 - Clear 2 5X9.03.00.00 Frame Gunmetal/Green Lens Clear PC



5X9 - Clear CR39 5X9.10.00.00 Frame Gunmetal/Green Lens Clear CR39



5X9 - Clear Glass 5X9.20.00.00 Frame Gunmetal/Green Lens Clear Glass





#### WELDING ACCESSORIES

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 $\otimes$ 

5X9 FLIP

Welding IR 6

5X9R.00.60

Lens Green IR 6



Solar/Welding IR 1.7 5X9R.00.47 Lens Green UVR

 $\otimes$ 

5X9 FLIP

Welding IR 5

5X9R.00.50

Lens Green IR 5



Welding IR 1.7 5X9R.00.17 Lens Green IR 1.7



5X9R.00.30 Lens Green IR 3

 $\otimes$ 

5X9 FLIP

Welding IR 7

5X9R.00.70

Lens Green IR 7







5X9 FLIP Welding IR 4-2 Glass 5X9R.20.42 Lens Blue IR 4-2



5X9R.20.Y3 Lens Blue IR 4-5



>>

The above mentioned codes are referred to the filter only and do not include the glasses: 5X9 page 129

#### GASKET ACCESSORY



To be used only with versions 5X9.03.00.00





# 5 X 9 нувкі d

5X9 Hybrid, thanks to the soft rubber gasket, has a great anti-debris seal and grants a greater comfort to the user.

133



#### SIDE SHIELDS WITH VENTILATION SYSTEM

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

#### SOFT RUBBER Gasket

Greater protection and comfort with a soft support on the nose and face.





univet.it/5X9-hybrid

### F R A M E T E C H N O L O G I E S

- > Soft support on the nose and face
- > Adjustable elastic band
- > Integrated side shields with vents for air circulation





# HYBRID

### Greater comfort and protection

#### VERSIONS



#### ACCESSORIES









# **5** X 9 S P O R T

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



# S P O R T E X T R E M E









- > Temples with rubber terminals and tilting movement
- > Temples adjustable in length and inclination
- > Integrated side shields with vents for air circulation
- > Available with photochromic Dynami-X lenses
- > Available with polarized Polar-X lenses

Discover the 5X9 SPORT frame technology, page 125

>>

5 X 9 S P O R T

### VERSIONS



5X9 SPORT - Solar Mirror 5X9.04.02.09 Frame Black/Green Lens Green Mirrored

#### **⊽PLUS** Polar-X



5X9 SPORT - Solar Polarized 5X9.03.02.P2 Frame Black/Green Lens Smoke Polarized

#### **VPLUS**



5X9 SPORT - Solar G15 5X9.03.02.05 Frame Black/Green Lens Green G15



5X9 SPORT - In/Out Photo 5X9.01.02.FO Frame Black/Green Lens Clear Photochromic



JNIV

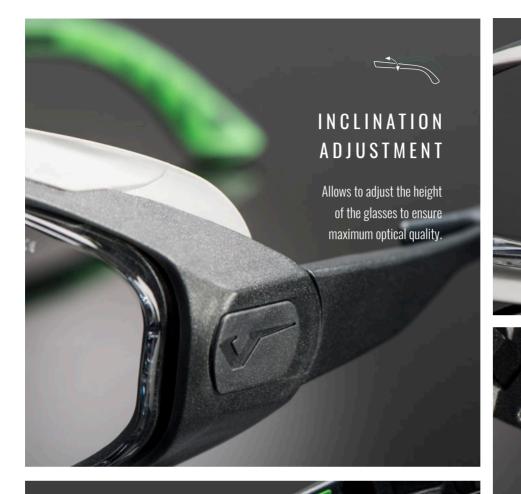
### / "SPECTACLES" XE-GENERATION





# 6 X 1

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.



### SOFT RUBBER GASKET

Certified according to EN166 standard, point 3 and 4 for droplet, splash protection and large dust particles.

### RUBBER TERMINAL WITH TILTING MOVEMENT

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

### LENGTH ADJUSTMENT

Allows to obtain the correct fit and work in constant safety





### Find out more



univet.it/6X1



### F R A M E T E C H N O L O G I E S

#### / SPECTACLES X-GENERATION





# > FEATURES

- > Broad lens for a field of view with zero distortions
- > Temples with rubber terminals and tilting movement
- > Temples adjustable in length and inclination
- > Internal soft rubber for a comfort with zero inconvenient high-pressure points
- > Certified according to EN166 standard, point 3 and 4 for protection against droplets, splashes and large dust particles
- > Fast interchange system between temples and elastic band (included in the package)



\* Weight: 57 g referred to the configuration with temples / 59 g referred to the configuration with elastic band



## HYBRID

### Fields of use / 3 and 4

### VERSIONS



6X1 - Clear Plus 6X1.00.00.00 Frame Gunmetal/Green Lens Clear Field of use 3 4



6X1 - Solar Smoke 6X1.00.00.01 Frame Gunmetal/Green Lens Smoke Field of use 3 4



Elastic band and temples included in the package

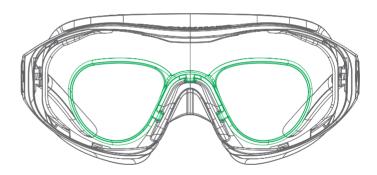
#### / SPECTACLES X-GENERATION



### RX INSERT

### Assemblying of prescription lenses

The RX insert for corrective lenses is a support that enables Univet safety glasses to be fitted with ophthalmic lenses. This device allows sight protection and correction to be combined in a single product. The insert can be made upon specific request according to medical prescription and can be easily applied and removed from the PPE.



### ACCESSORIES



### / SPECTACLES PREMIUM







- > Lens available with Vanguard PLUS coating
- > Temples adjustable in length and inclination
- > Optimal comfort and fit thanks to the soft adjustable nose pad
- > Panoramic and wraparound lens for a better side protection
- > Soft terminal tips to eliminate local pressure



V

506 UP



🖊 25 g

### VERSIONS



506 UP - Clear Plus 1 506U.03.00.00 Frame White/Green Lens Clear



506 UP - Clear Plus 2 506U.03.02.00 Frame White/Pink Lens Clear

 $\otimes$ 



506 UP - Clear 3 506U.04.03.00 Frame Black/Orange Lens Clear



506 UP - Clear 4 506U.06.01.00 Frame Black/Green Lens Clear

0

506 UP - In/Out 506U.64.01.00 Frame Black/Green Lens In/Out 506 UP - Solar G15 506U.04.04.05 Frame Black/Green Lens Green G15

R

506 UP - Solar Flash Mirror 506U.14.01.02 Frame Black/Green Lens Smoke FM





### 506<sup>UP</sup> HYBRID

> Lens with anti-fog and anti-scratch ultra performing Vanguard PLUS treatment

TVI

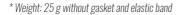
- > Temples adjustable in inclination
- > Soft-rubber gasket for a gentle support on the face
- > Panoramic and wraparound lens for a better side protection
- > Adjustable elastic band

Lens Treatments

#### **VPLUS**

Frame Technologies





🖊 38 g \*

## 506"

## HYBRID

### Greater comfort and protection

### VERSIONS

### VPLUS

506 UP Hybrid - Clear Plus 506 UG.03.00.00 Frame White/Green Lens Clear

### ACCESSORIES



To be used only with versions 506U.03.00.00 and 506U.03.02.00

#### / SPECTACLES PREMIUM





- > Extremely light and encircling
- > Temple designed for a better ergonomy
- > Panoramic and wraparound lens for a better side protection
- > Elastic structure, extremely flexible and resistant
- > Optimal comfort and fit thanks to the soft adjustable nose pad



505 UP

5<sup>up</sup>

### VERSIONS



505 UP - Clear 1 505U.00.00.00 Frame Clear Lens Clear

505 UP - Solar Brown

505U.00.00.18

Frame Brown

Lens Brown

0 🐨 🕻



505 UP - Clear 2 505U.00.00.11 Frame Clear Lens Clear



505 UP - Contrast 505U.00.00.19 Frame Yellow Lens Yellow



505 UP - Solar Smoke 505U.00.00.02 Frame Smoke Lens Smoke



505 UP - Solar Blue Mirror 505U.00.00.37 Frame Light Blue Lens Blue Mirrored

🖊 23 g







### FEATURES > Extremely lightweight and modern spectacles with a sporty line > Wraparound polycarbonate lens with integrated side shields > Temples equipped with rubber terminal to guarantee excellent comfort > Non-slip rubber nose pad in survey of 2-1.7 U 1 FT K N CE / 281 Lens Treatments $^{\bullet}$ Frame Technologies



546







**546 - Clear 1** 546.01.42.00 **Frame** Black/Orange **Lens** Clear



**546 - Clear 2** 546.03.45.00 **Frame** Black/Green **Lens** Clear 

546 - High Contrast 546.03.42.04 Frame Black/Orange Lens Orange



546 - Solar Flash Mirror 546.12.45.02 Frame Black/Green Lens Smoke FM

🖊 30 g

#### / SPECTACLES PREMIUM





### ZERONOISE

- > Wraparound model, guarantees optimal lateral protection
- > Flexible and resistant temples with reduced section
- > Available in various filters for a wide range of applications
- > Light and handy, made entirely in polycarbonate

Mod.5532 U EN166 FT (C

> Temples with Zernonoise technology designed for a perfect interaction with earmuffs

Lens Treatments

 $\otimes^{+}$ 

Frame Technologies

ZERGNOISE

TTUNTVET

🖊 19 g



ZERONOISE

### Combined use with earmuffs

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	20.2	- 16%

### VERSIONS



**553Z - Clear** 553Z.01.00.00 **Frame** Clear **Lens** Clear



**553Z - Solar G15** 553Z.01.02.05 **Frame** Green G15 **Lens** Green G15



553Z - In/Out 553Z.34.00.00 Frame In/Out Lens In/Out



univet.it/553z

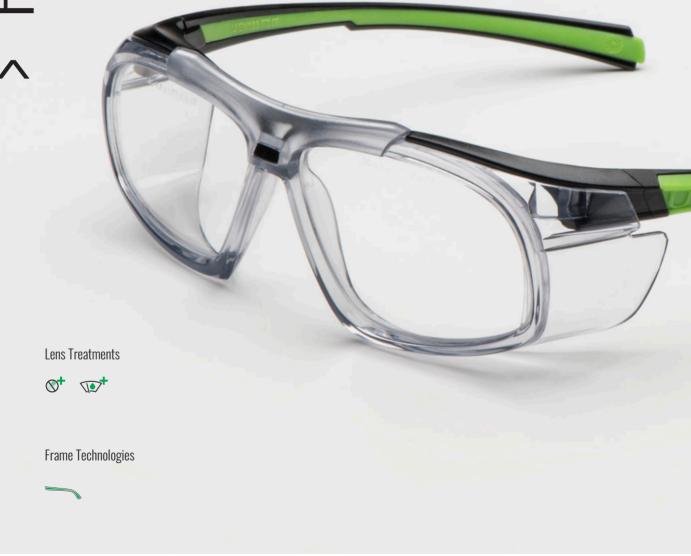
#### / SPECTACLES PREMIUM





UNVAR

- > It offers a wide coverage area
- > Integrated side shields
- > Eyebrow protection
- > Overmolded temples made of non-slip rubber





### VERSIONS



#### / **SPECTACLES** ESSENTIAL

1'96

### Univet 501

A revolution in the safety glasses concept Ò

Frame Technologies

 $\bigvee_{i} \rightarrow \longrightarrow$ 



### 🖊 34 g \*

- > Spectacles with wide coverage area and perfect adherence to the face
- > Micrometric adjustment of temples length
- > Step-free adjustment of the front angle
- > Vented side shields
- > Adjustable nose pad



**501 - Clear 1** 501.00.00.00 **Frame** Silver **Lens** Clear PC **S** 



**501 - Clear 1 Lens** 137.00.20 **Lens** Clear PC **©** 



501 - Clear 2 501.00.00.11 Frame Silver Lens Clear PC 🕲 💽



501 - Clear 2 Lens 137.00.11 Lens Clear PC 🕲 💽 \* Weight: 34 g with polycarbonate lens / 45 g with CR39 lens



501 - Clear CR39 501.00.00.31 Frame Silver Lens Clear CR39



#### / **SPECTACLES** ESSENTIAL

Frame Technologies

# 513

### 🥒 22 g

- > Coloured temples in anallergic rubber
- > Non-slip rubber nose pad
- > Eyebrow protection



513 - Clear 1 513.01.00.00 Frame Clear/Orange Lens Clear ⊗



513 - In/Out 513.51.00.00 Frame Smoke/Orange Lens In/Out ⊗



513 - Clear 2 513.02.00.00 Frame Clear/Orange Lens Clear ⊗ √€



175.412 S

513 - Solar Smoke 1 513.01.10.02 Frame Smoke/Orange Lens Smoke Smoke



513 - Solar Smoke 2 513.03.10.02 Frame Smoke/Orange Lens Smoke ⊗ № €

Frame Technologies



#### ∕⁄ 24 g

- > Innovative line
- > New temple design for a better ergonomy
- > Wraparound model, guarantees optimal lateral protection
- > Anatomical soft rubber nose bridge
- > Coloured temples in anallergic rubber



**516 - Clear 1** 516.01.00.00 **Frame** Clear/Green **Lens** Clear



516 - Solar Smoke 2 516.03.10.02 Frame Smoke/Green Lens Smoke 𝔇 争



516 - Clear 2 516.02.00.00 Frame Clear/Green Lens Clear



516 - Solar Blue Mirror 516.51.10.02 Frame Smoke/Green Lens Smoke Blue Mirrored ⊗ €≣



516 - Clear Flash Mirror 516.11.00.00 Frame Clear/Green Lens Clear FM



516 - Contrast 516.01.20.03 Frame Yellow/Green Lens Yellow ⊗ €€



516 - Solar Smoke 1 516.01.10.02 Frame Smoke/Green Lens Smoke

#### / **SPECTACLES** ESSENTIAL



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



511 - Clear 1 511.00.03.01 Frame Black Lens Clear



511 - Welding IR 5 511.03.03.05 Frame Black Lens Green IR 5 ⊗



511 - Clear 2 511.03.01.00 Frame Blue Lens Clear



511 - Welding IR 3 511.03.03.03 Frame Black Lens Green IR 3 ©

\* Weight: 26 g kids version



511H - Kids Clear 511.03.01.00H Frame Blue Lens Clear ©



- > Overmolded terminal for better comfort and stability
- > Side venting
- > Temples adjustable in length and inclination
- > Can be worn over prescription glasses







- > Side venting
- > Can be worn over prescription glasses
- > Entirely made of polycarbonate, completely metal free



519 - Clear 1 519.00.00.00 Frame Clear/Black Lens Clear  $\otimes$ 



519 - Clear 2 519.00.00.11 Frame Clear/Black Lens Clear **\*** 

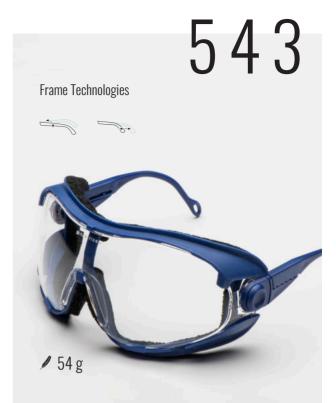


520 - Clear 520110000A Frame Clear Lens Clear

#### / **SPECTACLES** ESSENTIAL



- > Spherical lens for a wide field of view
- > Temples adjustable in length and inclination
- Temple's terminal tips realised with overmolding technology for an excellent wearability



- > Ultra-light goggle made of nylon
- > Available both with temples and elastic cord
  - or with adjustable elastic band
- > Soft foam for improved adherence to the face



529 - Clear 1 529.00.05.00 Frame Black/Orange Lens Clear ⊗<sup>+</sup>



529 - Clear 2 529.00.06.11 Frame Black/Green Lens Clear ⊗<sup>+</sup> √€<sup>+</sup>



543 - Clear 1 543.00.01.11 Frame Blue with elastic band Lens Clear Field of use 3 4 ⊗<sup>+</sup> √∞<sup>+</sup>



543 - Clear 2 543.01.01.11 Frame Blue with temples Lens Clear Field of use 3 4

Frame Technologies

-

-2.



### 🖊 33 g \*

- > Integrated vented side shields
- > Soft temple tips eliminate local pressure and increase wearability
- > Temples adjustable in length and inclination
- > Wide range of filters

\* Weight: 33 g with polycarbonate lens / 45 g with glass lens



**539 - Clear 1** 539.00.01.00 **Frame** Blue/Grey **Lens** Clear



539 - Solar/Welding IR 1.7 539.00.02.47 Frame Blue/Grey Lens Green UVR ⊗



539 - Clear 2 539.00.01.11 Frame Blue/Grey Lens Clear ⊗<sup>+</sup> √∞<sup>+</sup>



**539 - Welding IR 1.7** 539.00.02.17 **Frame** Blue/Grey **Lens** Green IR 1.7 **S** 



539 - Clear Glass 539.10.01.00 Frame Blue/Grey Lens Clear Glass



**539 - Welding IR 3** 539.00.02.30 **Frame** Blue/Grey **Lens** Green IR 3



539 - Clear CR39 539.20.01.31 Frame Blue/Grey Lens Clear CR39



539 - Welding IR 5 539.00.02.50 Frame Blue/Grey Lens Green IR 5 ©

#### / **SPECTACLES** ESSENTIAL

# 566



#### 🖊 36 g \*

- > Two-lens eyewear equipped with tilting vented side shields
- > Interchangeable lenses available
- > Central screw for quick lens replacement



566 - Clear 566.00.00.00 Frame Black Lens Clear PC ©



**566 - Clear Lens** 137.00.34 **Lens** Clear PC **©** 



566 - Welding IR 5 566.00.00.50 Frame Black Lens Green IR 5 PC ⊗



566 - Welding IR 5 Lens 137.00.35 Lens Green IR 5 PC ⊗ \* Weight: 36 g with polycarbonate lens / 54 g with glass lens



566 - Clear Glass 566.01.00.00 Frame Black Lens Clear Glass



**566 - Clear Glass Lens** 137.00.32 **Lens** Clear Glass



566 - Welding IR 5 Glass 566.01.00.50 Frame Black Lens Green IR 5 Glass



566 - Welding IR 5 Glass Lens 137.00.33 Lens Green IR 5 Glass

568 KIDS



- > Economic spectacles ideal for essential protection
- > Lightweight and handy, entirely made of polycarbonate
- > Small face frames version available

(568.01.00.00H)



568 - Clear 1 568.01.00.00 Frame Clear Lens Clear



**568 - Solar 2** 568.02.01.02 **Frame** Smoke **Lens** Smoke **& \$** 



568 - Clear 2 568.02.01.00 Frame Smoke Lens Clear & 🔊



568 - Contrast 568.01.03.03 Frame Yellow Lens Yellow ⊗ €₤



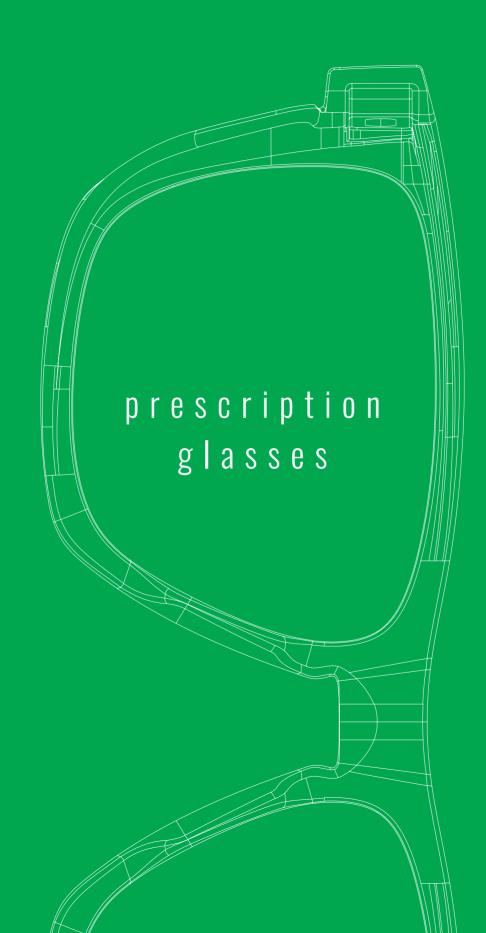
**568 - Solar 1** 568.01.01.02 **Frame** Smoke **Lens** Smoke



\* Weight: 19 g kids version

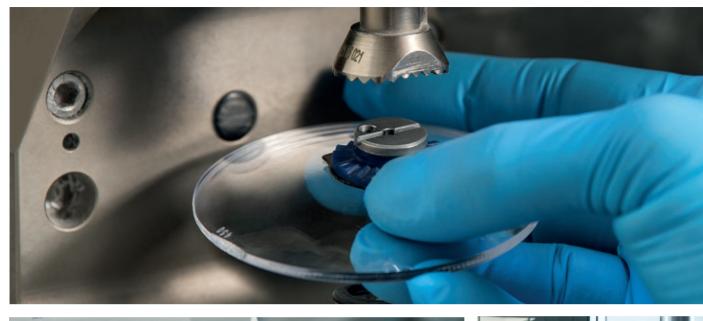
568H - Kids Clear 568.01.00.00H Frame Clear Lens Clear ⊗

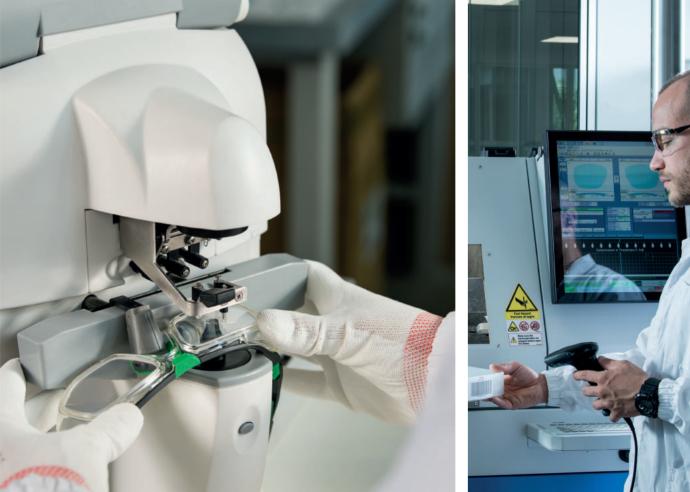
SPECTACLES ESSENTIAL





#### / **PRESCRIPTION** GLASSES







# Find out more

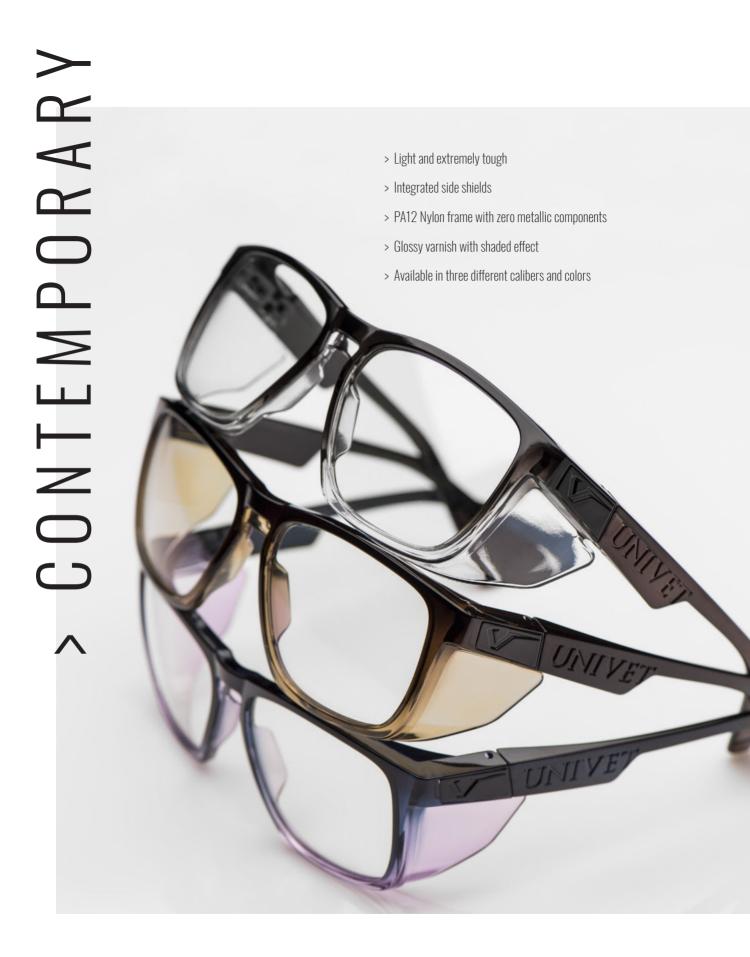


univet.it/prescription

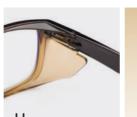
EN 166

# CUSTOM MADE LENSES

Maximum practicality of use for the corrective glasses line, which presents light and comfortable frames provided with graduated lenses, allowing people with sight impairments to work In total safety. Univet corrective devices are identified as II class PPE and are certified according to EN 166 regulation. The lenses are tailor made according to user's preferences and needs, maintaining Univet' "Made in Italy" style.



### MODELS



**Honey** After Dark

**571 - Honey Caliber** 56 ¤ 16 x 125 **Frame** Honey/After Dark **572 - Honey Caliber** 52 🗆 15 x 125 **Frame** Honey/After Dark **573 - Honey Caliber** 53 □ 17 x 125 **Frame** Honey/After Dark



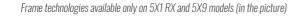
Amethyst After Dark

571 - Amethyst Caliber 56 🗆 16 x 125 Frame Amethyst/After Dark 572 - Amethyst Caliber 52 🗆 15 x 125 Frame Amethyst/After Dark 573 - Amethyst Caliber 53 🗆 17 x 125 Frame Amethyst/After Dark



**Stone** After Dark

**571 - Stone Caliber** 56 □ 16 x 125 **Frame** Stone/After Dark **572 - Stone Caliber** 52 □ 15 x 125 **Frame** Stone/After Dark **573 - Stone Caliber** 53 □ 17 x 125 **Frame** Stone/After Dark 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.



Frame Technologies

Softpad



# MODELS



**Caliber** 55<sup>1</sup>21x120-130 **Frame** Dark grey/Green





5X9 - Green Vespa Caliber 52 🗆 16 x 110-120 Frame Gunmetal/Green Vespa

**5X9 - Orange Caliber** 54⊏16 x 110-120 **Frame** Gunmetal/Orange



**5X9 - Green Caliber** 58⊏16x110-120 **Frame** Gunmetal/Green



**555 - Green Caliber** 56 □ 12 x 130 **Frame** Black/Green



**555 - Blue** Caliber 58 □ 12 x 130 Frame Black/Blue



#### UNIVET





## MODELS



Caliber 54 🗆 19 x 140 Frame Metallic Light Blue/Black





536.06 - 51 Caliber 51 🗆 19 x 135 Frame Metallic Grey/ Black

**536.06 - 54 Caliber** 54 🗆 19 x 135 **Frame** Metallic Grey/ Black



**536.07 - 50 Caliber** 50 🗆 18 x 140 **Frame** Metallic Pink/ Black



Caliber 50 🗆 19 x 140 Frame Metallic Grey/ Black





# MODELS





**539 - Blue Caliber** 59⊏15x132-142 **Frame** Blue/Grey



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



UNIVET

Printer

# MODELS





**552 - Add. +2,00** 552.00.10.97-200 **Frame** Silver



**552 - Add. +2,50** 552.00.20.97-250 **Frame** Blue painted 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.

20-1.2 U 1 FT K N CE





## MODELS



**5X1 - RX insert** 5X1.**0**P.00.00 **Frame** Clear



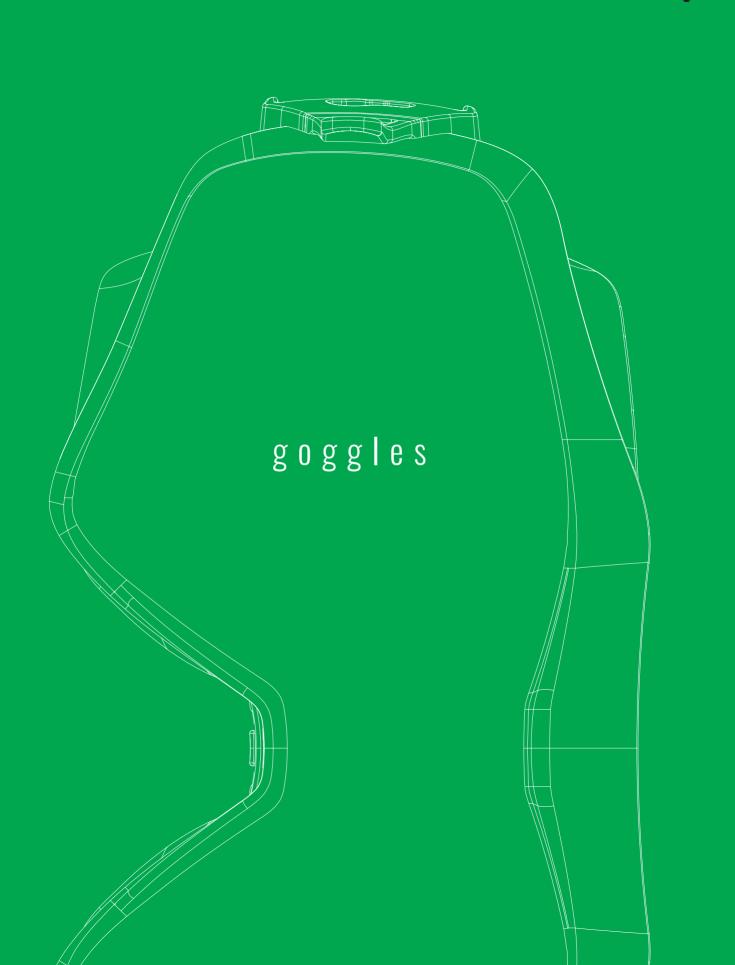
**6X1 - RX insert** 6X1**0**.00.99 **Frame** Clear





**611 - RX insert** 601.**0**P.00.99 **Frame** Clear

**601 - RX insert** 601.**0**P.00.99 **Frame** Clear



#### / GOGGLES X-GENERATION





# 6 X 3

Univet Research & Development department designed the 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.





reddot design award winner 2015 V

#### / GOGGLES X-GENERATION



### SOFT RUBBER GASKET

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



### LENS INTERCHANGE SYSTEM

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



# Find out more



univet.it/6X3

# F R A M E T E C H N O L O G I E S

#### / GOGGLES X-GENERATION

### PERFECT INTEGRATION

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

# Find out more



univet.it/6X3

OVERSPEC

# 0 V E R S P E C F U N C T I O N

Basic prescription goggles do not protect the eyes in hazardous environments, for this reason the 6X3 is meant to integrate its protective function, also in presence of droplets, splashes and large particles dust.

#### / GOGGLES X-GENERATION

### A D V A N C E D P R O T E C T I O N

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



Find out

more

univet.it/6X3

NEXXT

# INTERACTION AMONG PPE

Univet NEXXT brings the concept of protection to a new level: the project stems from an in-depth study of design and high technological innovation applied to eye protection field. Often, in the workplace, the interaction between PPEs leads to a loss in the protective capacity, exposing the user to risks. The 6X3 goggle is designed for a flawless interaction with the filtering half-masks, to guarantee protection and absolute comfort even during combined use.

#### / GOGGLES X-GENERATION



#### NEXT GENERATION GOGGLE

- > Certified according to EN166 standard, point 3 and 4 for protection against droplets, splashes and large dust particles
- > Panoramic lens easily integrated with prescription glasses
- > Fast interchange lens system
- > Frame engineered for a soft facial support
- > Compatible with filtering half masks
- > Lens with anti-fog and anti-scratch ultra performing Vanguard UDC treatment

Lens Treatments

**VUDC** 

 $\bigcirc$ 

Frame Technologies

V

6X3





#### VERSIONS





r Ultra .00 metal/Green



6X3 - Solar G15 6X3.00.00.05 Frame Gunmetal/Green Lens Green G15 Field of use 3 4 9

# > A C C E S S O R I E S





#### ACCESSORIES



**6X3 - Face protection** 6X3F.01.00 **Frame** Light Smoke/Green

<b>VUDC</b>	
1 miles	
N	
<b>6X3 - Clear Ultra Lens</b> 042117	
Lens Clear	

univet.it/6X3

#### / **`G O G G L E S** A X B **i**g een e r a t i o n





## 6 X 1

6X1 combines the lightness of a spectacle to the benefits of a goggle. The elastic band can be easily replaced with the adjustable rods (included in the package) 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.



## FEATURES

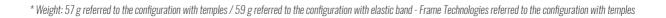
Lens Treatments

Frame Technologies

Softpad

**VPLUS** 

- > Broad lens for a field of view with zero distortions
- > Internal soft rubber for a comfort with zero inconvenient high-pressure points
- > Certified according to EN166 standard, point 3 and 4 for protection against droplets, splashes and large dust particles
- > Fast interchange system between temples and elastic band (included in the package)
- > Temples with rubber terminals and tilting movement
- > Temples adjustable in length and inclination





### HYBRID

#### Fields of use / 3 and 4

#### VERSIONS

#### **⊽PLUS**



6X1 - Clear Plus 6X1.00.00.00 Frame Gunmetal/Green Lens Clear Field of use 3 4

#### **⊽PLUS**



6X1 - Solar Smoke 6X1.00.00.01 Frame Gunmetal/Green Lens Smoke Field of use 3 4

#### ACCESSORIES



6X1**0**.00.99 Application 6X1 Frame Clear



Elastic band and temples included in the package





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.

#### / GOGGLES PREMIUM



UNIVET

JUNIVET



#### ULTRA LIGHT

- > Certified according to EN166 standard, point 3 and 4 for protection against droplets and splashes
- > Soft rubber gasket for a soft support on the nose and face
- > Panoramic and wraparound lens for a better side protection
- > Extremely light and encircling
- > Adjustable elastic band

Lens Treatments



🖊 39 g

#### VERSIONS





**⊽PLUS** 



625 - Solar G15 625.03.01.05 Frame Green G15/Grey Lens Green G15 Field of use 3 4







## 620<sup>UP</sup>







#### VERSIONS



620UP - Clear 620U.02.10.00 Frame Grey Lens Clear Field of use 3 4



620<sup>up</sup> has been designed for a perfect integration with prescription glasses

🖊 88 g

#### / GOGGLES PREMIUM







\* Weight: 107 g with acetate lens / 123 g with polycarbonate lens



🖊 107 g \*

#### VERSIONS



601 - Clear Foam 601.00.77.00 Frame Blue - Ind. vented Lens Clear PC Field of use 3 4 9



601 - Clear 1 601.02.77.00 Frame Blue - Ind. vented Lens Clear PC Field of use 3 4 9



601 - Clear Acetate 1 601.02.77.01 Frame Blue - Ind. vented Lens Clear Acetate Field of use 3 4



601 - Clear Acetate 2 601.03.07.01 Frame Clear - Unvented Lens Clear Acetate Field of use 3 4 5



601 - Clear 2 601.03.07.00 Frame Clear - Unvented Lens Clear PC Field of use 34 5 9



**\*** 

601.02.06.50 Frame Smoke - Ind. vented Lens Green IR 5 Field of use 3 4 9

#### ACCESSORIES



**601 - Clear Lens** 042065 **Lens** Clear PC



601 - Clear Acetate Lens 042066 Lens Clear Acetate



601 - Welding IR 5 Lens 042088 Lens Green IR 5



#### / **GOGGLES** ESSENTIAL

Frame Technologies

 $\bigcirc$ 

#### 602



#### 🖊 73 g

- > Essential frame ideal for each type of fit
- > Adjustable elastic fabric headband
- > Polycarbonate lens
- > Indirect ventilation system
- > Integration with prescription glasses



611

- U
- > Wide elastic band with silicone inserts improves stability
- > The double lens with thermal breakage technology protects against heat, fogging and impacts
- Version with quick-release claws available, suitable for use with different types of helmet



602 - Clear 1 602010000A Frame Clear Lens Clear Field of use 3 4



602 - Clear 2 602010001A Frame Clear Lens Clear Field of use 3 4



611 - Clear 611.00.10.01 Frame Red Lens Clear Field of use 3 4 5 9



611 - Clear Lens 042065.235/A16M Lens Clear



611 - Clear Helmet 611.K0.10.01 Frame Red Lens Clear Field of use 3 4 5 9 ⊗\* আ⊅\*



611 - RX insert 601.**0**P.00.99 Frame Clear

#### UNIVET

Frame Technologies







#### 🖊 84 g

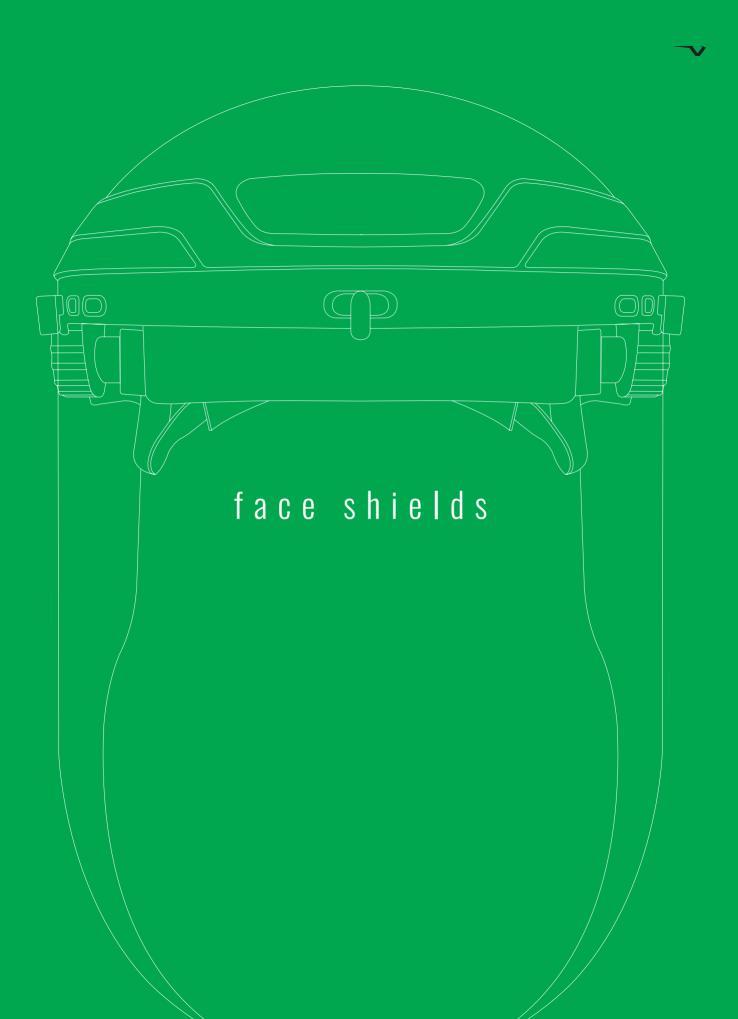
- > Linear and compact design
- Can be worn over any prescription spectacles thanks to its spherical lens
- > Version unvented or provided with indirect ventilation system
- > Wide, fully adjustable headband



619 - Clear 1 619.02.01.00 Frame Blue - Ind. vented Lens Clear Field of use 3 4 9 ⊗\* ∞\*



619 - Clear 2 619.03.01.00 Frame Blue - Unvented Lens Clear Field of use 3 4 5 9 ⊗\* ∞\*



#### / FACE SHIELDS



- > Helmet/Head-gear characterized by an ergonomic design
- Provided of a top band intended to wrap around the head,
   which is able to determine a comfortable height adjustment
- > Fitting to head circumference by means of a gear rack
- > Revolving up to 90° and over by means of a friction system
- Metal free version available for such fields of use where the operator might be exposed to electric arc (605.04.00.00)
- > (605.01.00.00) Available to be coupled to mesh eye and face protectors (rEN1731)



605 - Yellow Head-gear 605.01.00.00 Frame Yellow Field of use 3



**605 - Blue Head-gear** 605.04.00.00 **Frame** Blue **Field of use** 3 8 9



- > Revolving of 90° by means of a friction system
- Helmet adapters available as made of anodized aluminium or of thermoplastic materials
- > (606.05.00.00) specifically studied for combined coupling with hearing protectors and helmets
- > (606.04.00.00) Metal free version available for such fields of use, for electric arc protection
- > (606.02.00.00) Available to be coupled to mesh eye and face protectors (rEN1731)



606 - Black Adapter 606.02.00.00 Frame Black Field of use 3



606 - Silver Adapter 606.05.00.00 Frame Silver Field of use 3 9



606 - Blue Adapter 606.04.00.00 Frame Blue Field of use 3 8 9



- Provided of a top band intended to wrap around the head,
   which is able to determine a comfortable height adjustment
- > 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°
- > Fit to be worn over prescription glasses and respiratory protective devices
- > Provided of an interchangeable lens and chin protection



699 - Clear 699.00.00.00 Frame Yellow Lens Clear Field of use 3

Visor provided of head-gear and of chin-protection



**699 - Clear Lens** 699.99.00.00 **Lens** Clear

When coupled to the head-gear which was validated in combination



**699 - Chin Protection** 699.99.00.01 **Frame** Clear

Aimed at coupling with visor and head-gear belonging to the same model as validated by certification FACE SHIELDS

Depending on model version our articles may:

- > Provide overall protection to the eyes and face
- > Provide protection against splashes of liquids with the exception of 607.01.00.31 and of 607.01.00.32 model version
- > Provide protection against electric arc originating from short-circuit
- > Be worn above a variety of prescription glasses and above some respiratory protective devices

605 head-gear shell not included in the code



#### VERSIONS



607.Z0.00.02 Field of use 9

Field of use 9

Provided of helmet adapter

Provided of helmet adapter

Article validated to be coupled to helmet or helmet adapter



607 - Clear Gold Mirrored Lens Clear Gold Mirrored Field of use 9 R



Lens Green IR 5



607 - Metal Wire-net 2

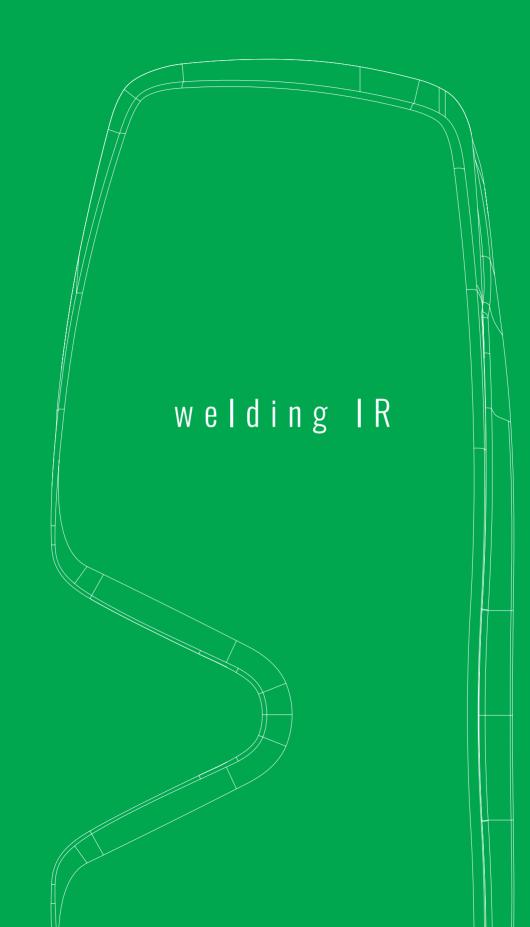
Article validated to be coupled to helmet or helmet adapter code as tested in combination

#### DESCRIPTION OF VISOR'S FEATURES

CODE	DIMENSIONS (mm)	S MATERIALS	COLOUR	PROVIDING PROTECTION AGAINST
607.0	<b>1.00.22</b> 390x195x1	Polycarbonate	Clear	Spalshes of liquids and Impacts
607.A	<b>7.00.00</b> 395x240x2	Polycarbonate	Clear	UV radiations, Splashes of liquids, Contact with chemicals (liquid nitrogen), Impacts, Molten metals and hot solids, Short circuit - electric arc
607.A	<b>7.01.00</b> 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
607.0	<b>1.00.30</b> 395x230x1	Acetate	Clear	Splashes of liquids and Impacts
607.0	<b>1.00.34</b> 493x264x1	U-NXL	Clear	Splashes of liquids, Contact with chemicals (hydrofluoric acid) and Impacts
607.A	<b>9.11.00</b> 395x240x2	Polycarbonate	Clear Gold Mirrored	UV and IR radiations, Radiant heat, Splashes of liquids, Molten metals and hot solids, Impacts
607.A	<b>9.11.30</b> 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.A	<b>9.11.50</b> 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.A	<b>0.00.50</b> 395x240x2	Polycarbonate	Green IR 5	Radiations produced during welding and related techniques, Molten metals and hot solids, Impacts
607.A	<b>9.00.47</b> 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
607.0	<b>1.00.31</b> 380x194	Polypropylene + metal wire-net		Impacts of flying particles resulting from various activities (with the exception of sport activities)
607.0	<b>1.00.32</b> 305x194	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 -	•	٠	-	-
607.A7.00.	00 •	-	-	٠	-
607.A7.01.0	• 00	-	-	٠	-
607.01.00.	30 -	•	٠	-	-
607.01.00.	34 -	٠	•	-	•
607.A9.11.	•	-		-	•
607.A9.11.3	30 •	-	-	•	٠
607.A9.11.	50 •	-	-	٠	٠
607.A0.00.	.50 •	-	-	٠	٠
607.A9.00.	.47 •	_	-	٠	٠
607.01.00.	31 -	•	•	-	-
607.01.00.	32 -	٠	•	-	-



## > FEATURES

- > Fast interchangeable lenses system
- > Patent nose pad with height adjustment
- > Temples with rubber terminals and tilting movement
- > Temples adjustable in length and inclination
- > Frame with Floating Lens technology





5X1







**Frame** Dark grey/Green **Lens** Green IR 5

### ACCESSORIES



To be used only with versions 5X1.03.00.00, 5X1.03.00.05, 5X1.00.00.03, 5X1.00.00.3, 5X1.00.00.50

🖊 28 g

# > FEATURES

- > Adapts to face conformation with no need for adjustments
- > Ultra wraparound lens for a better protection around the eyes
- > Designed to avoid annoying contact points with the face
- > Frame with Floating Lens technology
- > Lens with anti-fog and anti-scratch ultraperforming Vanguard PLUS treatment

Lens Treatments **VPLUS** Frame Technologies

-



### VERSIONS







5X3 - Welding IR 5 5X3.03.35.50 Frame Black/Green Lens Green IR 5

🥖 <mark>31</mark> g

# FEATURES > Perfect integration with the prescription glasses > Temples with rubber terminals and tilting movement > Temples adjustable in length > Integrated side shields Lens Treatments $\otimes^{+}$ Frame Technologies Softpad $\bigcirc$

### UNIVET





### VERSIONS



5X7 - Solar/Welding IR 1.7 5X7.01.11.47 Frame Gunmetal/Green Lens Green UVR



5X7 - Welding IR 1.7 5X7.01.11.17 Frame Gunmetal/Green Lens Green IR 1.7



5X7 - Welding IR 3 5X7.01.11.30 Frame Gunmetal/Green Lens Green IR 3



5X7 - Welding IR 5 5X7.01.11.50 Frame Gunmetal/Green Lens Green IR 5 5X7



\* Weight: 20 gr with polycarbonate lens / 42 gr with glass lens - Features and Frame Technologies referred to the 5X9 model (in photo) at page 129.

UNIVET

∕⁄ 20 g \*



 $\otimes$ 

 $\otimes$ 



Solar/Welding IR 1.7 5X9R.00.47 Lens Green UVR



Welding IR 1.7 5X9R.00.17 Lens Green IR 1.7



5X9R.00.30 Lens Green IR 3







5X9 FLIP Welding IR 5 5X9R.00.50 Lens Green IR 5



5X9 FLIP Welding IR 6 5X9R.00.60 Lens Green IR 6



5X9 FLIP Welding IR 7 5X9R.00.70 Lens Green IR 7



Welding IR 4-2 Glass 5X9R.20.42 Lens Blue IR 4-2





>>

The above mentioned codes are referred to the filter only and do not include the glasses: 5X9 page 129

### GASKET ACCESSORY



To be used only with versions 5X9.03.00.00



### / WELDING IR



- > remples aufostable in leng
- > Integrated side shields
- > Frame made of anallergic material



- > Integrated vented side shields
- Soft temple tips eliminate local pressure and increase wearability
- > Temples adjustable in length and inclination
- > Wide range of filters



511 - Welding IR 3 511.03.03.03 Frame Black Lens Green IR 3 S



**511 - Welding IR 5** 511.03.03.05 **Frame** Black **Lens** Green IR 5 **S** 



539 - Solar/Welding IR 1.7 539.00.02.47 Frame Blue/Grey Lens Green UVR



539 - Welding IR 3 539.00.02.30 Frame Blue/Grey Lens Green IR 3 ⊗



539 - Welding IR 1.7 539.00.02.17 Frame Blue/Grey Lens Green IR 1.7



539 - Welding IR 5 539.00.02.50 Frame Blue/Grey Lens Green IR 5 ⊗

# 540





### / 78 g

- > 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



- > Two-lens eyewear equipped with tilting vented side shields
- > Interchangeable lenses available
- > Central screw for quick lens replacement

\* Weight: 36 g with polycarbonate lens / 54 g with glass lens



540 - Welding IR 4-5 540.00.01.07 Frame Grey Lens Blue IR 4-5



540 - Welding IR 5 540.00.01.50 Frame Grey Lens Green IR 5



566 - Welding IR 5 566.00.00.50 Frame Black Lens Green IR 5 PC  $\otimes$ 



566 - Welding IR 5 Lens 137.00.35 Lens Green IR 5 PC  $\otimes$ 



566 - Welding IR 5 Glass 566.01.00.50 Frame Black Lens Green IR 5 Glass



566 - Welding IR 5 Glass Lens 137.00.33 Lens Green IR 5 Glass

### / WELDING IR

# 601



### 🖊 123 g

- > Wide field of vision for an high-tech goggle
- > The adjustable headband and the soft frame effectively distribute the pressure on the face
- > Indirect ventilation system
- > The anatomic nose pad fits perfectly to all faces



601 - Welding IR 5 601.02.06.50 Frame Smoke - Ind. vented Lens Green IR 5 Field of use 3 4 9 ⊗\* ∿€\*



601 - Welding IR 5 Lens 042088 Lens Green IR 5 ⊗<sup>+</sup> √2<sup>+</sup>



### 🖊 144 g \*

- > Elastic fabric headband
- > Outer 90° flip-up support welding filters
   (diameter 50 mm)
- > Indirect ventilation with four valves
- > Economical version with glass lenses (603.03.00.50)
  - \* Weight: 144 g with polycarbonate lens / 140 g with glass lens



603 - Welding IR 5 603.01.00.50 Frame Green Lens Green IR 5 PC



603 - Welding IR 5 Glass 603.03.00.50 Frame Green Lens Green IR 5 Glass

# 607



Depending on model version our articles may:

- > Provide overall protection to the eyes and face
- > Be worn above a variety of prescription glasses and above some respiratory

protective devices

The helmet image is provided for an illustrative purpose only



607 - Clear Gold Mirrored 607.A9.11.00 Lens Clear Gold Mirrored Field of use 9 R ⊗



607 - Solar/Welding IR 1.7 607.A9.00.47 Lens Green UVR Field of use 9 ⊗



607 - Welding IR 3 Gold Mirr. 607.A9.11.30 Lens Green IR 3 Gold Mirrored Field of use 9 R ⊗



607 - Welding IR 5 Gold Mirr. 607.A9.11.50 Lens Green IR 5 Gold Mirrored Field of use 9 R ⊗



607 - Welding IR 5 607.A0.00.50 Lens Green IR 5 Field of use 9 ⊗

### / WELDING IR

# 608



- > Welders' faceshield made of black fibre with handle
   (608.01.00.00)
- > Welding helmet with flip-up system (608.02.00.00)
- Polypropylene welding helmet with leather casing (608.02.00.02)
- > Window size 75 x 98 mm, filters available separately



608 - Welding Visor 1 608.01.00.00 Frame Black without lens



without lens

041514

Lens Green IR 11

608 - Welding Visor 3 608.02.00.02 Frame Black without lens

608 - Green IR 9 Lens



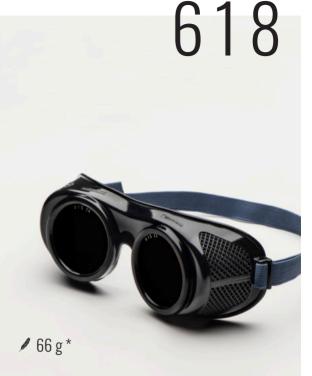
**608 - Green IR 10 Lens** 041513 **Lens** Green IR 10 041511 Lens Clear Glass 608 - Green IR 11 Lens

608 - Clear Glass Lens



Lens Green IR 9

041512



- > 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

\* Weight: 66 g with glass lens / 57 g with polycarbonate lens



618 - Clear Glass 618.01.06.00 Frame Black Lens Clear Glass







618 - Welding IR 5 Glass 618.01.06.50 Frame Black Lens Green IR 5 Glass







# 609

WELDING IR

- > 90° flip-up steel mesh with window for glass filter insertion
- > Universal support with knob for helmet
- > Interchangeable filters (60 x 120 mm rectangular
  - or round 50 mm diameter)

The helmet image is provided for an illustrative purpose only



609 - Welding Steel net 1 609.04.00.15 Frame Steel Lens Blue IR 4-5 Glass



609 - Blue IR 4-5 round Lens 02.21.29 Lens Blue IR 4-5 Glass diameter 50 mm



609 - Welding Steel net 2 609.04.00.16 Frame Steel Lens Blue IR 4-5 Glass

609 - Blue IR 4-5 Lens

Lens Blue IR 4-5 Glass

04.15.20

60 x 120 mm



609 - Blue IR 4-6 Lens 04.16.30 Lens Blue IR 4-6 Glass 60 x 120 mm



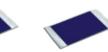
609.04.00.19

Frame Steel

609 - Welding Steel net 3

Lens Blue IR 4-5 Glass

609 - Blue IR 4-7 Lens 04.16.32 Lens Blue IR 4-7 Glass 60 x 120 mm



H-7 Lens 609 - Blue IR 4-8 Lens 04.16.33 Glass Lens Blue IR 4-8 Glass 60 x 120 mm

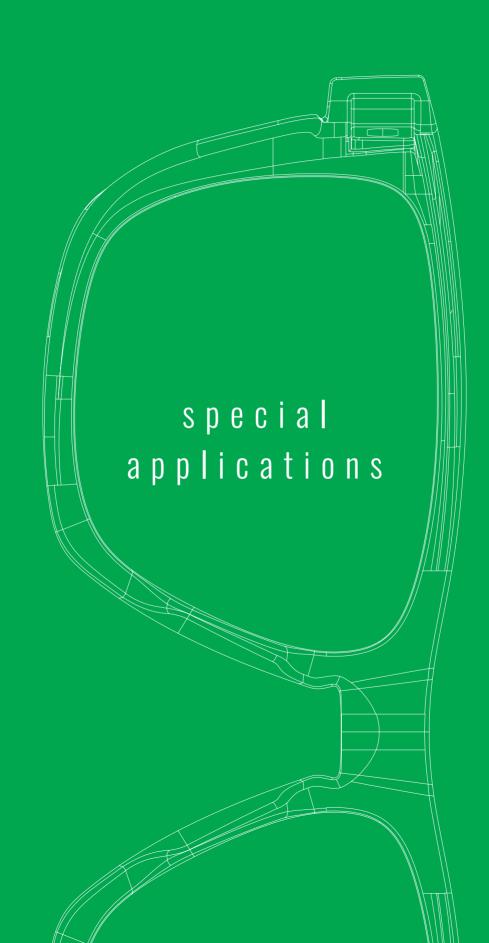


609 - Welding Steel 609.04.00.17 Frame Steel Lens Blue IR 4-5 Glass



609 - Green IR 5 Lens 04.15.30 Lens Green IR 5 Glass 60 x 120 mm

264



### / SPECIAL APPLICATIONS





### VisionAR

Find out more



univet.it/visionar

# 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.

### / SPECIAL APPLICATIONS





# Download catalogue



univet.it/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 specifical technical solutions to the needs of the clean room market.

# 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.

### Download catalogue

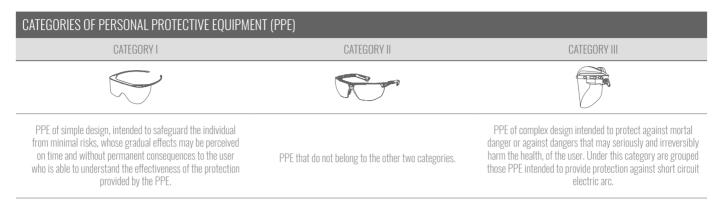


univet.it/laser-catalogue

## 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.



### SPECTACLE

EXAMPLE OF MARKING IDENTIFICATION ON TH	E 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 MA	ARKING IDENTIFI	CATION ON THE FRAM	ЛЕ			
U	EN166		FT			CE
Manufacturer (Univet)	Standard re.	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)	



2-3 U 1 FT K N CE

### GOGGLE

EXAMPLE OF MARKING IDENTIF	ICATION ON THE	LENS					
<b>2C-1.2</b>	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 identifyng 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 M	ARKING IDENTIFICA	ATION ON THE FRAM	1E			
U	EN166	3459	BT	2C-1.2	0068	CE
Manufacturer (Univet)	Standard re.	Field of use	Mechanical resistance	Scale number (Where applicable highest ocular scale number compatible with the frame)	Number identifyng 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.
- EN167 Personal eye-protection. Optical test methods
- EN168 Personal eye-protection. Non-optical test methods
- EN169 Personal eye-protection.

OPTICAL CLASS

Filter for welding and related techniques

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

nction of PPE typology and of their fields of use:

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

- EN172 Personal eye-protection. Sunglare filters for industrial use
- $\mathsf{EN1731}\xspace$  Personal eye-protection. Mesh eye and face protectors

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

)DE N	NUMBER	DE NUMBER		ER AND TYPICAL LENS COLOUF	SHADE NUMBER AND TYPICAL LENS COLOURS				
2	Ultraviolet (UV)		1.2	1.2 Clear		100% - 74.4%			
			1.7	In/Out, yellow, clear mirrored,	UVR		58.1	1% - 43.2%	
2C	UV with good co	lour recognition	2.5	Brown, smoke			29.1% - 17.8%		
			3.1	G15, smoke mirrored	G15, smoke mirrored			17.8% - 8.0%	
4	Infra-red (IR)		3,4,5,11	Welding				-	
5	Sunglare filter w	vithout infra-red specification	Welding products	s do not require a code number					
			molung product						
-		vith infra-red specification			-	-	-		
1ECH		,		) PARTICLES)	GRAMS	SPECTACLES	GOGGLES	FACE SHIELDS	
(	HANICAL RES	ISTANCE (PROTECTION AGA	INST HIGH SPEED	D PARTICLES) EED DIAMETER	GRAMS 0,86 gr	SPECTACLES	GOGGLES	FACE SHIELDS	
AECH	HANICAL RES SYMBOL	ISTANCE (PROTECTION AGA	INST HIGH SPEED	D PARTICLES) EED DIAMETER ø 6 mm		SPECTACLES	GOGGLES	FACE SHIELDS •	
AECH	HANICAL RES Symbol A (T)	ISTANCE (PROTECTION AGA IMPACT LEVEL High energy impact	INST HIGH SPEED Impact spe 190 m/s	D PARTICLES) EED DIAMETER ø 6 mm		SPECTACLES		FACE SHIELDS • •	

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

### OPTIONAL REQUIREMENTS (ADDITIONAL MARKINGS ON LENSES, VISORS AND OCULARS)

Symbol for protection against short circuit electric arc
Symbol for protection against molten metals and hot solids
Resistance to surface damage by fine particles
Resistance to fogging of oculars
Protection against high speed particles at extreme temperatures (-5°/+55° C)
Frame suitable for small size head
Enhanced reflectance in the infra-red
Symbol for replacement ocular

FIELDS OF USE (AD	FIELDS OF USE (ADDITIONAL MARKINGS WHICH CAN BE FOUND ON FRAME)					
SYMBOL	DESIGNATION	DESCRIPTION OF THE FIELD OF USE	SPECTACLES	GOGGLES	FACE SHIELDS	
No symbol	Basic use	Unspecified mechanical hazards and hazards arising from ultraviolet, visible, infra-red and sun radiation	٠	٠	٠	
3	Liquids	Liquids (droplets or splashes)		٠	٠	
4	Large dust particles	Dust with a particle size $> 5  \mu m$		٠		
5	Gas and fine dust particles	Gases, vapours, sprays, smoke and dust with a particle size < 5 $\mu m$		•		
8	Short circuit electric arc	Electrical arc due to a short circuit in electrical equipment			٠	
9	Molten metals and hot solids	Splashes of molten metals and penetration of hot solids		•	•	

### AMERICAN STANDARD FOR PERSONAL EYE PROTECTION DEVICES

### SPECTACLE

U-	+U6
Lens	s mark
+ Identify an im	acturer's logo ıpact rated article ale number
IPLE OF MARKING IDENTIFICA	TION ON THE FRAME
IPLE OF MARKING IDENTIFICA <b>UZ87</b> +	TION ON THE FRAME <b>Z87</b> +

### MEANING OF MARKING ACCORDING TO ANSI/ISEA Z87.1-2015 IN RESPECT OF FILTER PERFORMANCE 1st CHARACTER DESCRIPTION Protection against ultraviolet reduction EXAMPLE

U	Protection against ultraviolet radiations	U4
W	Protection against radiations produced during welding (welding filters)	W2.5
L	Protection against radiations in the visible spectrum	L1.7
R	Protection against infra-red radiations	R2.5
S	Special purpose filters	S
2 <sup>nd</sup> CHARACTER	DESCRIPTION	EXAMPLE
Number	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)

UZ87+U6R2

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

D3	Protection from drops/splashes
D4	Protection from dust
D5	Protection from fine dust

V

# 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<sup>\*\*</sup> (or repeat washing under cold water<sup>\*</sup>)



Use a soft and clean microfiber cloth to dry the lens



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



Never use warm water to clean the glasses as it could damages the treatments on the lens (anti-fog 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

\* 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.

**PRODUCT CARE** 

### CLEANING KITS



Univet Cleaning station 3QL002-



Univet cleaning tissue Pack of 24 pcs 3QL003-



Univet cleaning spray 30ml 30L004-



Anti-fog cleaner 4QL001--ASSEMB-



Microfibre cloth 3PA225

### POUCHES AND CASES

SPECTACLES NECK CORDS



Microfiber pouch for Spectacles 2300072UNIVET Goggles 3AT026



Goggle case 3ATO25



**Case with zip** 2300062



Rigid case with zip 3ATO29



Black cotton neck cord 023345

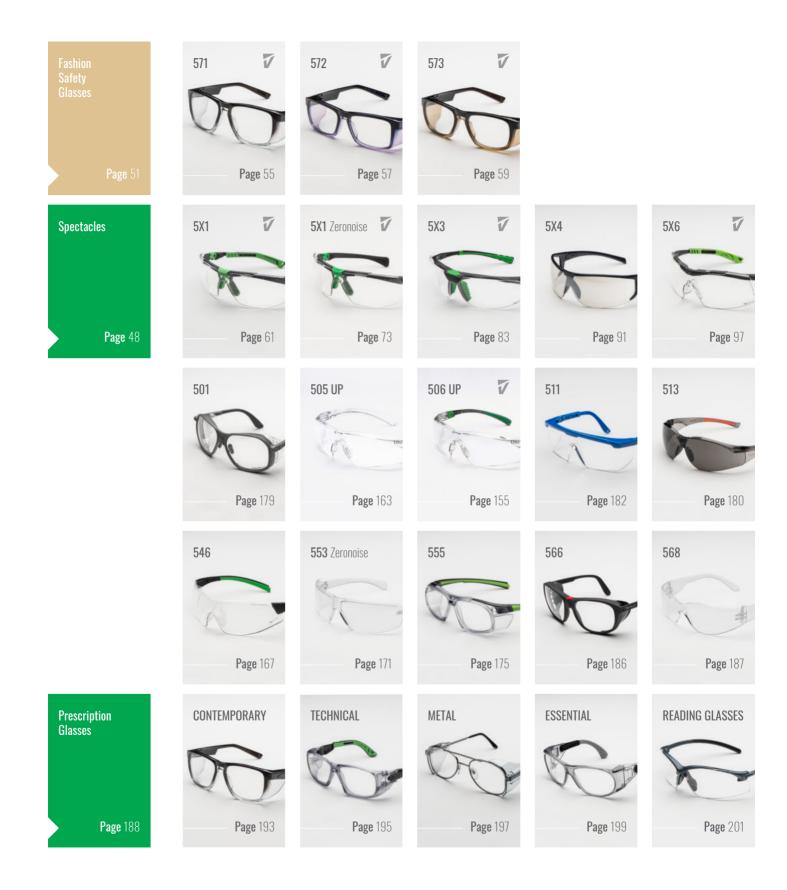


Univet black neck cord with buckle 023346



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

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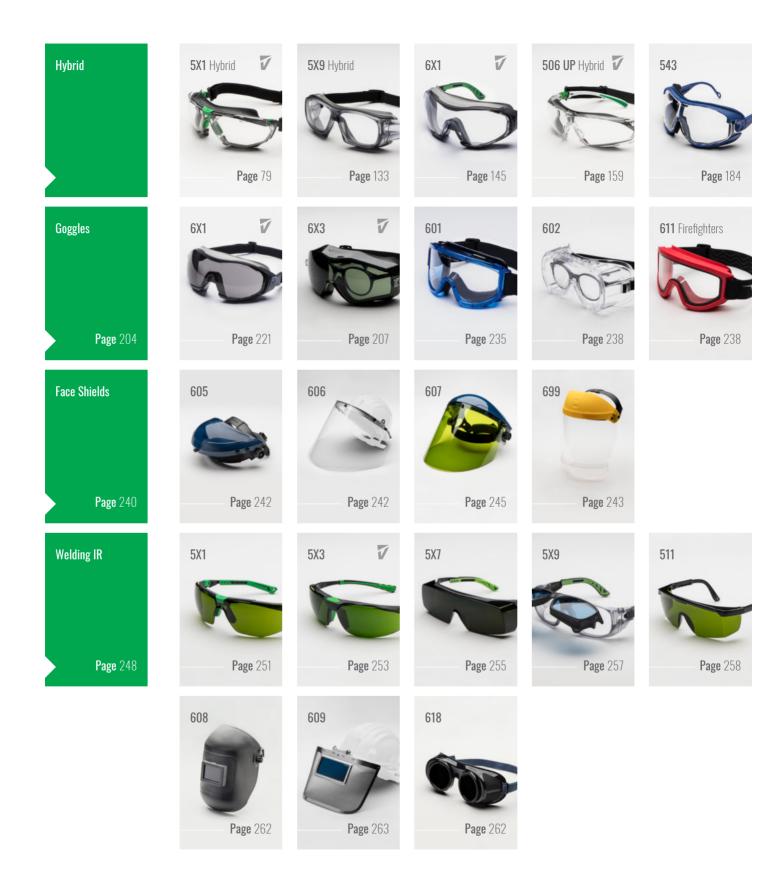


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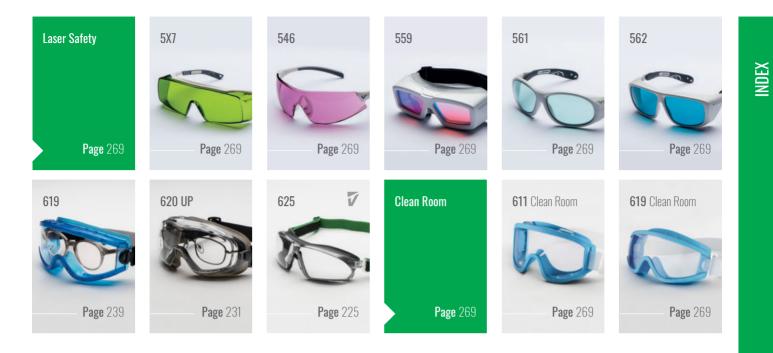


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### UNIVET



















# optical technologies



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