

SAFETY EYEWEAR





X-GENERATION











SPECTACLES





























PRESCRIPTION











GOGGLES











FACE SHIELDS









WELDING - IR









































































Univet Optical Technologies - Research and development

The strength of Univet resides in our particularly active and brilliant Research and Development Department. This is due to Univet's investment in advanced analysing technologies and highly competent and experienced personnel.

Univet's style and philosophy are shown throughout the product range, by our strong commitment of innovation and high quality of production.

The style and work ethic characterized by all the Univet Team, in Italy and world markets, along with of the most advanced research instrumentation provides the basis for our Highly innovative and stylish products, providing our customers excellent safety and comfort mixed with Italian elegance and style.







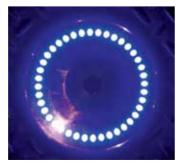
Glassworks



Clean room



Metal working



LED industry

ARLab applied research Laboratory

The philosophy of Univet is based on developing exclusive products with constant and proven quality. To achieve and maintain this goal, the company has been equipping itself with specific equipment to be able to do testing according to the standards required on the protection devices. Univet's laboratory, with its advanced equipment, is capable of performing preliminary tests during the design phase, certification testing for the main European and non-European standards as well as periodic examinations of samples of all products. The high level of technological equipment coupled with the presence of qualified personnel allows Univet to provide concrete support to the development of new products and to enable the establishment of quality control procedures that exactly replicate the certification testing required by the product.

Thanks to the laboratory together with rapid prototyping and reverse engineering equipment, Univet is also able to do tests directly on internally developed prototypes and make any necessary changes in a very short time.

Special applications

The direct contact with customers, allows a constant monitoring of market requirements, thus fuelling the dynamism and desire of our R&D department to satisfy every application with products either from the catalogue or full development of new products.

Univet can respond to specific requests, and particular risks to which workers are exposed, and analysed these risks, in order to develop products that fill gaps in the market, thus offering protection in usually unexplored areas.







NEXXT

Higher technological innovation applied to the protection of the eyes and an in-depth study of design characterise Univet **nEXxt** project: a family of products that anticipates the needs of the market by bringing the concept of protection to a new level.

In the workplace the interaction between different PPE often not developed for being used in conjunction leads to a loss in protective capability that forces the user to operate in conditions of lower security.

nEXxt range is designed by carefully analysing the geometry of the eyewear based on the possible interaction with other PPE to ensure the best possible protection to the worker and total comfort. The use of special engineering devices, in addition to the possibility of an independent use, enables products to harmonise perfectly with other safety devices.

553 - ZERONOISE

The effectiveness of hearing protection may be compromised due to the bulkiness of the temples of optical protective devices. The innovative 553ZERONOISE model equipped with patented temples specially designed to facilitate the combined use of the two protective devices.

The geometry has been carefully studied: 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.

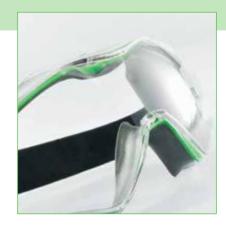


6X3 - Next generation Goggle

6X3 is designed to provide extended protection by combining the top features of protective goggles to new specifications for performance never reached before.

The originality of the device is expressed in the design of the facial support that ensures a proper seating for respiratory masks and half masks and in the use of additional facial protection that provides total protection to the operator's face.

The possibility of wearing corrective glasses, the exclusive UDC coating, the interchangeable lens offer great versatility by allowing the use of this device in multiple applications with no compromise to safety and comfort.



Univet Optical Technologies - Applied optical technology

The research shows that different facial features require a custom fit. The presence of adjustable nosepad and temples in length and inclination allow to adapt the device to the face of each user for optimum comfort in every situation.





SOFTPAD - Technology comfort

Through the many settings of the terminal, the innovative use of materials and a meticulous design of SoftPad refines the already impressive ergonomics of Univet models, reaching a new and absolute comfort.

SoftPad technology is a patented system designed to provide perfect stability to the safety glasses and full adaptability to the face of the user.

The support of the eyewear is entrusted to the whole support area of the arm for a comfortable and stable fit. In addition to the length adjustment in 3 positions, the SoftPad system has a further tilting movement that allows the device to fit perfectly to the user's head.





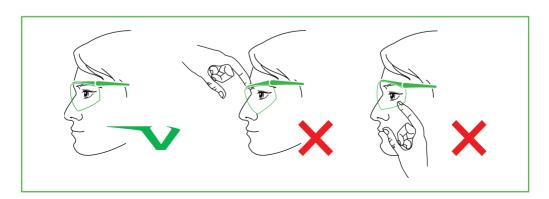


TEMPLES

The temples adjustable in length and inclination allow to get the highest level of protection by combining the performance of the eyewear with a perfect fit. Each user is able to find the perfect device configuration and work in constant safety.

NOSE PAD

An adjustable nosepad allows to adapt the height of the model, in order to view through the middle section of the lens where it is assured the highest optical quality. Fitting and visual comfort are therefore guaranteed for long periods, avoiding eye strain.







UDC - Univet advanced Double Coating

The breakthrough UDC technology provides to the spectacle superior resistance against scratching (outer surface) and fogging (inside surface). The treatments applied in separate processes are permanent and provide exceptional performance in any working condition.

This technology is expressed in 5X3 UDC, 6X3 UDC and 620 UDC models, symbols of Univer philosophy, combining style, comfort and innovation.









ANTI-FOG PLUS

The Anti-fog Plus treatment is a film of the thickness of a few µm deposited on the entire surface of the lens, which, due to its chemical and physical abilities, prevents the formation of condensation by absorbing the humidity drops. This technology prevents the fogging of the PPE to allow the safe handling of the job by enabling a clear view even in critical environments.

The Anti-Fog Plus coating is permanent and it offers superior performance compared to the standards required by EN166 safety regulation.



ANTI-SCRATCH PLUS

The Anti-Scratch Plus is a treatment applied to the surface of the lens whose hardness is a barrier against superficial damages that can impair vision. Univet lenses are therefore protected from scratches and abrasions caused by rubbing with solid particulate subsequent the use in dusty environments or cleaning operations. Univet Anti-scratch Plus treatment achieves better performance than that specified by EN166 safety European standard.

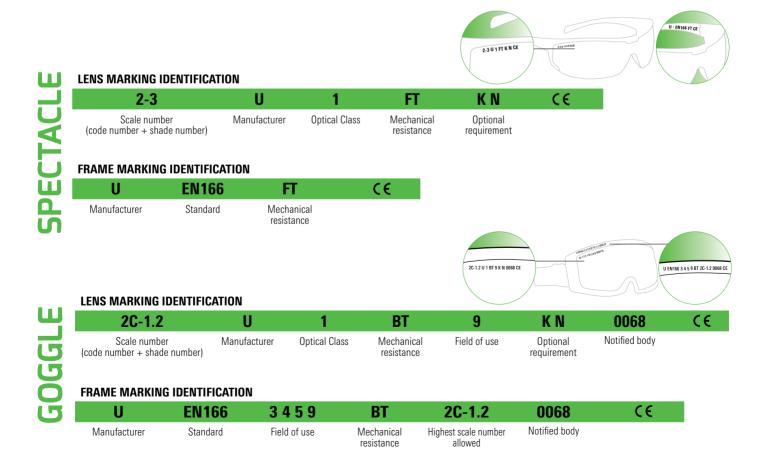
European Standards Personal Protective Equipement

Personal Protective Equipment (PPE) shall mean any device or appliance designed to be worn or held by an individual for protection against one or more health and safety hazards, as well as any accessory or ensemble designed to protect an individual.

The Personal Protective Equipment (PPE) are divided into three categories:



The standard EN166 recalls some of the other regulations that help define the requirements that the PPE must meet:





Meanings of the EN marking



PPE of II° and III° categories shall be tested and certified by an official Notified Body.

The product certification which confirms the compliance to the requirements included in the PPE directive 89/686/EEC is 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 specifies the requirements as a function of PPE typology and field of use:

EN165 - Vocabulary

EN167 – Optical test methods

EN168 – Non-optical test methods

EN169 – Filter for welding and related techniques

EN170 — Ultra-violet (UV) ray filters

EN171 - Infra-red (IR) ray filters

EN172 – Sunglare filters for industrial use

EN1731 – Mesh eye and face protectors

EN 379 – Specification for automatic welding filters

SCALE N	SCALE NUMBER					
Code Numb	Code Number					
none	Welding					
2	2 Ultraviolet (UV)					
2C o 3	2C o 3 UV with good colour recognition					
4	4 Infra-red (IR)					
5	5 Sunglare filter without infra-red specification					
6	6 Sunglare filter with infra-red specification					

	VLT range	
1.2	100% - 74.4%	
1.7	58.1% - 43.2%	
2.5 Brown, smoke		29.1% - 17.8%
3.1 G15, smoke mirrored		17.8% - 8.0%
3,4,5,11	Welding	-

OPTICAL CLASS						
Optical Class	Spherical refractive power	Astigmatic refractive power		ence in prismatic refractive	atic refractive power	
					vertical	
1	± 0.06	0.06	0.75	0.25	0.25	
2	± 0.12	0.12	1	0.25	0.25	
3	+0.12 / -0.25	0.25	1	0.25	0.25	

PROTECTION AGAINST HIGHT SPEED PARTICLES												
Mechanical resistance		Maximum speed				Eyewear		Face shields				
A (T)	High energy impact	190 m/s 684 km/h			Polycarbonate			•				
B (T)	Medium energy impact	120 m/s 432 km/h	ø 6 mm	ø 6 mm	ø 6 mm	ø 6 mm	ø6mm (0,86 gr	Polycarbonate		•	•
F (T)	Low energy impact	45 m/s 162 km/h			Polycarbonate, acetate	•	•	•				
S	Increased robusteness	5,1 m/s 18,36 km/h	ø 22 mm	43 gr	CR39, Toughened glass	•	•	•				

⁽T) if the impact letter (F, B or A) is followed by the letter T, then the frame protects against impact at extreme temperatures ($-5^{\circ}/+55^{\circ}$ C)

OPTIONAL REQUIREMENTS					
K	Resistance to surface damage by fine particles				
N	Resistance to fogging of oculars				
Т	T Protection against high speed particles at extreme temperatures				
Н	H Frame suitable for small head				
R	Enhanced reflectance				

FIELD OF USE					
SYMBOL	DESIGNATION	DESCRIPTION OF THE FIELD OF USE	EYEWEAR	GOGGLES	FACE SHIELD
No symbol	Basic use	Unspecified mechanical hazards and hazards arising from ultraviolet, visible, infra-red and solar radiation	•	•	•
3	Liquids	Liquids (droplets or splashes)		•	•
4	Large dust particles	Dust with a particle size > 5 µm		•	
5	Gas and fine dust particles	Gases, vapours, sprays, smoke and dust with a particle size $< 5 \; \mu \text{m}$		•	
8	Short circuit electric arc	Electrical arc due to a short circuit in electrical equipment			•
9	Molten metals and hot solids	Splashes of molten metal and penetration of hot solids		•	•

Lens selection



CLEAR POLYCARBONATE The clear vision lens

FEATURES:

- Protects against impacts and UV radiations
- 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
- Mirrored version (FM) gives protection from glare

APPLICATIONS:

Mechanical work in good visibility conditions

STANDARDS: EN166/EN170 MARKING: 2C-1.2 VLT: 89%



CLEAR CR39 The clear vision lens

FEATURES:

- Good protection against scratches
- Excellent protection against chemical agents
- · No colour distortion

APPLICATIONS:

Chemical laboratories

STANDARDS: EN166/EN170 MARKING: 2C-1.2 VLT: 89%



CLEAR GLASS The clear vision lens

FEATURES:

- Good protection against scratches
- Excellent protection against chemical agents

APPLICATIONS:

Chemical laboratories, painting, environments with abrasive suspended particulate

STANDARDS: EN166 MARKING: -VLT: 89%



CLEAR ACETATE The clear vision lens

FEATURES:

- Superior performance of the anti-fog treatment also on the outer surface of the lens
- Very good resistance to chemicals and solvens
- Impact resistance marking F (45 m/s)

APPLICATIONS:

Chemical laboratories, painting, environment with high umidity

STANDARDS: EN166 MARKING: -VLT: 89%



YELLOW The enhanced contrast lens

FEATURES:

- Protection against impacts, UV radiations and blueee 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:

5X6, 5X8, 505UP, 554, 557, 568, 553ZN

STANDARDS: EN166/EN170/EN172 MARKING: 2C-1.2, 2C-1.2/5-1.4

VLT: 86%

SUNGLASS EQUIVALENCE: Shade 0



ORANGE The UV525 blocking lens

FFEATURES

- Protection against impacts, UV radiations
- Protects against blueee 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, 568, 568H

STANDARDS: EN166/EN170 MARKING: 2-1.7 VLT: 55% SUNGLASS EQUIVALENCE: Shade 1



BlueeE SM The relaxing lens

FEATURES

- Protection against impacts, UV radiations (absorbs > 99,9% of the rays up to 400nm)
- Protection against glare
- Reduces eye fatigue in environments with predominance of yellow light

APPLICATIONS:

Mechanical work, works using incandescent/fluorescent lamps or sodium vapor lamps, outdoor work

MODELS: 505UP

STANDARDS: EN166/EN170 MARKING: 2C-1.7 VLT: 49% SUNGLASS EQUIVALENCE: Shade 1



BROWN The linear protection lens

EATURES

- Protection against impacts, UV radiations and visible light
- For sunlight and glare condition
- Good colour recognition TSR (Traffic Signal Recognition)
- Linear spectral transmittance
- Allows a better adaptation of the eye to changes in light condition

APPLICATIONS:

Outdoor work, mechanical work with risk of glare

MODELS: 5X3, 505UP, 557

STANDARDS: EN166/EN170/EN172 MARKING: 2C-3/5-3.1 VLT: 16% SUNGLASS EQUIVALENCE: Shade 3







SMOKE The solar lens

FEATURES:

- Protection against impacts, UV radiations and visible light
- For sunlight and glare condition
- Good colour recognition TSR (Traffic Signal Recognition)
- Flash Mirror version with a mirrored coating for a better protection from glare

APPLICATIONS:

Outdoor works, mechanical work with risk of glare

MODELS

5X7, 505UP, 513, 516, 568, 568H, 6X1 versione FM: 5X3, 546, 554

STANDARDS: EN166/EN170/EN172 MARKING: 2C-2.5/5-2.5, 2C-3/5-3.1 VLT: 16%

SUNGLASS EQUIVALENCE: Shade 3



IR 1.7/3/4/5/6/7 The welding lens set

FEATURES:

Protection against impacts, UV and infrared (IR) radiations and glare produced by welding processes

APPLICATIONS:

- IR 1.7 welder's aid
- IR 3, 4 brazing, gas welding
- IR 5, 6, 7 gas welding, flame cutting

MODELS:

- IR 1.7: 5X7, 5X9, 539
- IR 3: 5X3, 5X7, 5X9, 511, 539
- IR 4: 5X9
- IR 5 PC: 5X3, 5X7, 5X9, 511, 539, 541, 566, 601, 603, 604, 607
- IR 5 VTR: 540, 566, 567, 603, 604, 618
- IR 6: 5X9
- IR 7: 5X9

STANDARDS: EN166/EN169 MARKING: 1.7, 3, 4, 5, 6, 7 VLT: IR 1.7: 45%, IR 3: 16%

IR 4: 6%, IR 5: 2%, IR 6: 0.6%, IR 7: 0.2%



BlueeE IR The IR protection lens set

FEATURES:

- Protection against infrared (IR) radiations
- Absorbs vellow-orange radiations
- · Reduces 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

IR 4-5: 1%

• IR 4-5: 5X9, 540

STANDARDS: EN166/EN171 MARKING: 4-2, 4-5 VLT: IR 4-2: 40%



POLAR LENS The anti-reflection lens

FEATURES:

- Blocks luminous radiation depending on its polarization, stopping annoving reflections
- · Good perception of contrasts and clear vision
- Less eye strain
- 100% UV protection

APPLICATIONS:

Outdoor work, construction sites, road works, driving vehicles, oil platforms

MODELS: 549

STANDARDS: FN166/FN170/FN172 MARKING: 2C-3/5-3.1 VLT: 16% SUNGLASS EQUIVALENCE: Shade 3



AMBER Intense Light Protection

- Excellent protection against glare produced by intense light sources

LED sources manufacturers (quality control), IPL (staff and patients),



- 100% protection against UV radiations
 100% protection against blueee light (up to 530nm)
 Multilayer reflective coating deposited on the outer surface of the lens
 Protects against glare and provides
 Solar Lens design the spectral lumin of the human eye
 - high visibility in extreme conditions

The natural vision solar lens

- Solar Lens designed on the basis of 100% UV protection **the spectral luminous efficiency curve •** Optimal protection against IR radiations
- Very relaxingPerfect colour recognition (TSR)



by Univet

The global filter UV-IR-SUN

UVR

MARKING: 1.7/2C-1.7/4-1.7/6-1.7

X GENERATION

Innovative solutions designed to revolutionise safety eyewear market: from the union of ergonomics, style and quality comes the exclusive Univet X-Generation line.

Aggressive design and attention to detail has been applied for the first time to protection equipment, providing the operator optimal comfort with no points of pressure on the face, X-generation is the new frontier in safety eyewear.

The result of careful analysis, not only in quality of materials and design but also in ergonomics, guarantee these spectacles the highest adaptability to every user thanks to their exclusive frame.







HIGH-TECHNOLOGY

Normally the geometry of the spectacle is bound by the rigidity of the lens. The structure of the model 5X3 is realised with the exclusive FLD (Floating Lens Design) 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.



- Exclusive UDC coating
- Lens with FLD (Floating Lens Design) technology
- Frame engineered to cushion the contact points on the
- Extended 9 base wraparound lens, provides extra coverage around the eyes
- Ventilation system
- The spectacle fits the face without adjustments





The studied design and the careful choice of materials guarantee 5X3 a perfect fit to every face without the need of additional mechanical adjustments. The eyewear selfadapt to the face of each operator so that the user can find the perfect balance between comfort and safety.









ITALIAN STYLE

Univet experience matured in the design of fashion eyewear is shown in the safety field through 5X4 model. The sleek design, developed in the internal design office, and the refined finishing make this model a perfect example of the Italian style.



5X4.03.30.05
Frame: black painted
Lens: G15

5X4.03.40.00
Frame: red painted
Lens: clear
Clear

blue painted
Lens: blue painted

- Extreme care of details and excellent ergonomics for a trendy and comfortable model
- Anallergic nose pad for comfort without slippage
- Wraparound lens design provides extra side coverage
- The exclusive painted frame confers elegance and style







SPORTY DESIGN

5X6.01.00.00 Frame: b Lens: c

5X6.03.11.00 Frame: gun met Lens: clear

black/orange

gun metal/green clear

gun metal/green G15

gun metal/green In/Out

5X6.03.00.03 Frame: black/orange

The need to wear protective eyewear for long periods requires that they meet comfort features such as lightness, stability and fit. The unique FLD (Floating Lens Design) technology combined with the presence of SoftPad terminal and the nose pad adjustment allow the operator to get used to work in harmony with the device.



- Sporty and wrap-around design
- Lens with FLD (Floating Lens Design) technology
- SoftPad technology
- Light and comfortable device, ideal for prolonged use
- Adjustment of temples in length
- Adjustable soft and anatomical nose pad





SoftPad technology is a patented system designed to provide perfect stability to the safety glasses and full adaptability to the face of the user. The pressure exerted by the temples on the head is distributed on the whole supporting area of the arm for a comfortable and stable fit.







THE ULTIMATE OVERSPEC

Normal prescription glasses alone do not guarantee adequate protection in risky environments, at the same time those suffering from visual defects cannot work without the aid of corrective lenses. The model 5X7, ultimate OTG, offers maximum protection and the comfort of operating with their own spectacles.





- The ultimate OTG to prescription spectacles
- The careful design of the frame prevents the overlapping of the temples for an absolute comfort
- SoftPad technology
- Adjustment of temples in length
- Wide range of filters



The R & D department is constantly looking for innovative solutions to be used in Univet products. The development of new lenses for protection from optical radiation in special applications is one of the key points of this activity. The In / Out, Amber and UVR lenses, exclusive of Univet, increase the versatility of the model 5X7 offering a truly universal product usable in a wide variety of application

fields.







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.



- Over-moulded nose pad for comfort without pressure
- Adjustment of temples in length and inclination
- Winning and ergonomic line to adapt to all users
- SoftPad technology

5X8.01.00.00
Frame: black/orange clear

gun metal/green clear

gun metal/green G15

gun metal/green In/Out

5X8.03.00.03 Frame: black/orange Lens: yellow

5X8.03.11.00





The enveloping line and the technical solutions adopted enable the model 5X8 to conform perfectly to any face. The carefully calibrated geometry and the selected materials give the device solidity and robustness for a feeling of absolute safety.





52 g (glass version) / **35** g (polycarbonate version)



ELEGANT 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. 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 catalog.





- Univet project, innovative design
- Integrated side shields with ventilation system
- Adjustable temples with SoftPad technology
- Clear lenses available in different materials
- Additional flip with protective filters for special applications



The line of protective prescription eyewear is the excellence in Univet manufacturing. Each device is custom made starting from the needs of the user, allowing even workers suffering from visual defects to work in total safety. 5X9 model, available in two sizes, combines style and customized protection.





5X9R.20.42 Flip: blue IR4-2 glass

5X9R.00.47 Flip: UVR

5X9R.00.50 Flip: green IR5

5X9R.00.60 Flip: green IR6

5X9R.00.70 Flip: green IR7





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.



- \bullet Wide lens for a field of view without distortion
- Temples adjustable in length and inclination with SoftPad technology
- Sophisticated indirect ventilation system
- Soft internal rubber for comfort without local pressure
- Certified according to EN166 point 3 (droplets and splashes) and point 4 (large dust particles)
- RX insert available





6X1 is unique for completeness and modularity: each product provides certified protection in accordance to point 3 and 4 of EN166 either mounting the temples or the elastic band. The RX insert for custom made prescription lenses and the availability of the smoke lens further extend the wide possibility of using the model to additional fields of application.















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.





- Panoramic lens can be perfectly worn over prescription glasses
- Exclusive UDC coating
- Facial support compatible with half masks
- Additional facial protection
- Indirect ventilation system assures certified protection against drops and splashes
- Category III° PPE
- Impact resistance at 432 km/h, even at extreme temperatures





expressed in the design of the facial support that ensures a proper seating of respiratory masks and half masks and the use of additional facial protection that provides total protection to the operator's face.

nEXxt range was created to guarantee the best possible protection to the worker also in case of interaction of the eyewear with other PPE. The originality of the 6X3 model is

SPECTACLES

The face of each one has different facial characteristics, but everybody has the right to the best protection when exposed to various risks in the workplace. Univet glasses are designed on the basis of indepth ergonomic studies, ensuring comfort and an excellent it. The settings of the nose pad and the terminals' adjustments in length and inclination can further adapt the device shaping it to the face of each user for an optimal comfort.









- Spectacle 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



501.00.00.00 Frame: s Lens: c

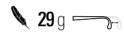


501.00.00.11 Frame: sil Lens: cl





501.00.00.31 silver CR39 clear





- Adjustment of temples in length
- · Built-in side shields
- Eyebrow protection
- The uncoated (UC) version can be sterilized



503 00 00 00 Frame: Lens:

clear UC



503.00.70.11 Frame: li Lens: c





- Extremely light and encircling
- Elastic structure, extremely flexible and resistant
- New temple for a better ergonomy
- Optimal comfort and fit thanks to the soft adjustable nosepad
- · Neck cord included in the packaging







505U.00.00.18
Frame: brown Lens: brown



























NEW

FULL COLOUR TECHNOLOGY

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





- New technical features and design
- Panoramic wrapping lens available with AF+ and AS+ coatings
- Temples regulation in length and inclination
- Soft terminal tips to eliminate local pressure
- Optimal comfort and fit thanks to the soft adjustable nosepad
- New range of colours











- Soft teminal tips by over moulded system
- Built-in side shields
- Temples regulation in length
- Micrometric friction adjustment of the front angle



507.01.01.00 Frame: Lens:

blue/silver



black/green clear





- Modern design
- Extremely lightweight for comfort even during prolonged use
- Temples made with over-moulding technology for an excellent fit
- Wraparound lens with integrated side shields
- Eyebrow protection



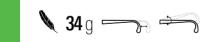
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smoke/green



Frame: Lens:

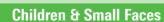
smoke/green G15





- Adjustment of temples in length and inclination
- Built-in side shields
- Frame made of anallergic material
- Available the version certified to small faces (511.03.01.00H)





Recreational and didactic laboratories and school visits require total safety specifically fitted for children: the models 511H and 568H, realized and certified appropriately for small faces, give children ideal protection thanks to wrap-around polycarbonate lenses and extreme lightness.

























- Colourful temples in anallergic rubber
- Highly suitable for customization
- Non-slip rubber nose pad
- Eyebrow protection





513.01.00.00
Frame: clear/orange
Lens: clear



513.01.10.02 Frame: smoke/orange Lens: smoke



Frame: Lens:

clear/orange clear







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









smoke/green



clear/green clear FM

Essentially

Univet



Light and comfortable, the spectacles of Back to Basic line represent the essence of protection. Handiness and versatility together with bright colours and fully wearability casting a glance at style. Obviously Univet.





- Overmoulded terminal for better comfort and stability
- Side venting
- Adjustment of temples in length and inclination
- Can be worn over prescription glasses









- Side venting
- Can be worn over prescription glasses
- The uncoated (UC) version can be sterilized



520.11.00.00 Frame: c Lens: c



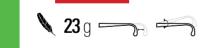


- Temples regulation in length
- Built-in sideshields
- Adjustment of the front angle
- Wide lens for an extended protection











- Spherical lens for a wide field of view
- Adjustment of temples in length and inclination
- Temple's terminal tips realised with over-moulding technology gives the glasses an excellent wearability
- New colours



529.00.05.00 black/orange clear



gun metal/green clear



532 **27**g







- Designed for use with NBC masks
- Corrective version available





ATEX

Model 532 is tested to be used in ATEX regulated environments. The reduced size of the frontal and the thin section the arms allow the perfect housing of the device within NBC masks.



palladium clear



532.04.00.00 Frame: palladium Lens: clear







- Wide lens for optimal face protection without front frame
- Optimal protection and panoramic view
- Adjustment of temples in length and inclination
- Eyebrow protection
- RX insert available
- · New colours





535.00.05.00 Frame: black/orange



gun metal/green clear









- Built-in vented side shields
- Soft terminal tips eliminate local pressure and increase wearability
- Adjustment of temples in length and inclination
- Wide range of filters







Frame: Lens:



539.20.01.31 Frame: b Lens: c blue/grey clear CR39





539.00.02.17
Frame: black
Lens: green IR1.7





543





- 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





543.00.01.11
Frame: blue with elastic band clear



543.01.01.11 Frame: blue with temples clear

Field of use

543 model is certified in accordance with EN166 point 3 (droplets and splashes) and paragraph 4 (large dust particles) thus providing to the user an actually increased eye protection.

546

NEW





- Extremely lightweight and modern spectacle with a sporty line
- Wraparound polycarbonate lens with integrated side shields
- Temples equipped with overmoulding technology quarantee excellent fit and comfort
- Non-slip rubber nose pad
- New colours



546.01.42.00 Frame: black/orange Lens: clear



546.03.45.00 Frame: black/green Lens: clear



546.12.45.02
Frame: black/green
Lens: smoke FM



546.03.42.04
Frame: black/orange crange
UV525







- Ergonomic temples, no adjustment is necessary
- Exclusive G15 solar lens available also in polarized version
- · Anatomically shaped nose pad adapts to all face

Polar Lens

High technology lens developed to eliminate reverberation and reduce glare. Its peculiar structure blocks luminous radiation depending on its polarization, letting pass only direct font rays, significantly improving the ability of vision in bright light.



549.03.00.05 Frame: black Lens: G15



49.M1.11.12 rame: black ens: G15 Polar







553zeronoise

SOUND PROTECTION

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.









- Wraparound model, guarantees optimal lateral
- · Light and handy, made entirely in polycarbonate, weight
- Temples with reduced section designed for a perfect interaction with ear muffs
- New lens available (G15 and In/Out)

TEST	NOISE LEVEL [dB]	ATTENUATION [dB]	LOSS OF ATTENUATION [dB]	LOSS OF ATTENUATION [%]
NO EAR MUFF	95.0			
WITH EAR MUFF	71.0	24.0		
553 ZERONOISE	74.8	20.2	-3.8	-15.8%
OVERSPEC	83.9	11.1	-12.9	-53.8%
SAFETY EYEWEAR	81.3	13.7	-10.3	-42.9%

29

551

45 g →



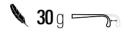
- Flexible brow guard against reflected light, dust and spray from above
- Adjustment of temples in length and inclination
- Wide lens for optimal face protection and panoramic view
- RX insert available
- New colours





51.03.31.00 rame: gun metal/green ens: clear

554





- Model with sporty and colourful line
- Overmoulded nose bridge and temples for maximum comfort
- Rubber eyebrow protection to better absorb impacts
- Adjustment of temples in length



554.03.03.00
Frame: black/green
Lens: clear



554.03.01.03 Frame: black/grey Lens: yellow



554.12.03.02 Frame: black/green Lens: smoke FM

557





- Metal frame with essential and wrapping design
- Temple tips with metal core for easy adjustment
- Neoprene front support
- Flex hinges





557.03.00.00 Frame: metal grey Lens: clear



557.03.00.03 Frame: metal grey Lens: yellow



557.03.10.08
Frame: metal black
Lens: brown



54 g (glass version) / **36** g (polycarbonate version)



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

Glass



566.01.00.00 Frame: black



Polycarbonate

Lens:







566.00.00.50 Frame: black Lens: green green IR5



137.00.32

Lens: clear











137.00.35 Lens: green IR5





- Two-lens eyewear equipped with tilting vented side shields
- Central screw for quick lens replacement
- Glass lenses available in clear version or green shade 5 for welding



567.00.00.00





567.00.00.50 Frame: b Lens: g hlack







- Economic spectacle ideal for essential protection
- · Lightweight and handy, entirely made of polycarbonate, weighs only 23 grams
- Available the version certified to small faces (568.01.00.00H)
- Highly suitable for customization





















Lens: ora







PRESCRIPTION

Combining the maximum practicality of use, comfortable and lightweight models in conjunction with corrective lenses, allows even those with visual defects (myopia, hyperopia, astigmatism or presbyopia) to work safely.

These products are recognised as II Category PPE and certified according to EN166 standard. All Univet prescription glasses are tailor-made. Starting from the needs and preferences of each user the production department creates a specific product with all the assurance of "Made in Italy".

On all Univet frames can be mounted monofocal, bifocal and progressive lenses made of polycarbonate or CR39.

	POLYCARONATE	CR39
MECHANICAL RESISTANCE	EXCELLENT F T	GOOD S
UV RPOTECTION	EXCELLENT 2C-1.2	EXCELLENT 2C-1.2
SCRATCH RESISTANCE	EXCELLENT K	GOOD
CHEMICAL RESISTANCE	DECENT	EXCELLENT
OPTICAL CLASS	1	1



Technical specification

Monofocal polycarbonate lens

Construction limits:

Positive lenses: sphere and cylinder sum +8.50 Negative lenses: sphere and cylinder sum -10.00

Standard lenses: sphere +2/-6 cylinder 2 Non-standard lenses: diopters out of the limits reported above for standard lenses

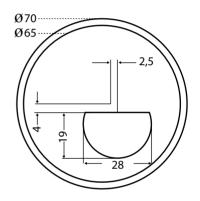
Refractive index	1.590
Abbe number	31
Specific weigth g/cm ²	1.20
UV protection	390 nm
Category	0

Bifocal polycarbonate lens

Construction limits:

Positive lenses: sphere and cylinder sum +6,25 Negative lenses: sphere and cylinder sum -6,25 Standard minimum addition 1 Standard maximum addition 3.50

bifo carbolite st 28	clear
Refractive index Abbe number Specific weigth g/cm² UV protection Category Product code	1.590 31 1.20 400 nm 0

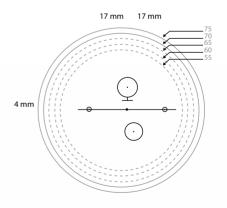


Standard progressive lens

Construction limits:

Positive lenses: sphere and cylinder sum +7,00 Negative lenses: sphere and cylinder sum -7,00 Standard minimum addition 1 Standard maximum addition 3,00 Non-standard addition: 0,50/0,75/3,25/3,50/3,75/4,00

- . lens channel 14mm
- . minimum fitting heigth 18mm
- . specific optimization for each addition
- . wider near-field vision area
- . easy and quick adaptation
- . clear view through all the lens areas
- . relaxed and balanced binocular vision
- . natural compensation of convergence







- Integrated side shields with ventilation system
- Adjustable temples with SoftPad technology
 Additional flip with protective filters for special applica-
- Available in two calibers



58 □ 16 x 110-120 54 🗆 16 x 110-120

(PC version)

530



- Ultra-light polycarbonate frame Built-in vented side shields Temples with metal core

51 🗆 25 x 115-132

(PC version)







- Metal frame with curled terminal
- Designed for use with NBC masks
- Tested to be used in ATEX regulated environments
- Jointed side shields

51 □ 15 x 135

(PC version)







- Frame with wide coverage area
- Built-in vented side shields
- Soft terminal tips eliminate local pressure and increase
- Two calibres available (56 59)



56 □ 16 x 132-142 59 □ 15 x 132-142

(PC version)

541



- New temples with metal core for easy adjustment
 Integrated side shields and brow protection
- Available in two calibers



54 □ 16 x 126 58 □ 16 x 126

(PC version)





- Anallergic nylon frame
- Temples with metal core for easy adjustment
- Adjustable nose pad made of non-slip rubber
- Available different near-vision corrections



Prescription

The models combine safety eyewear with the corrections for near-vision. This solution allows everybody to get immediately a prescription glasses with the certainty of a PPE certified according to the standards regulating protective eyewear.







552.00.20.97-250
Frame: painted blue Lens: +2,50

Metal frame

Updated lines and selected materials make up a complete range of custom-made devices. A clean and attractive design, four models made of nickel-free metal to meet different safety requirements without losing in style.

536.05



- Frame made of anodized nickel-free metal
- Anallergic and non-slip terminals
- Anallergic PVC nose pads
- · Riveted side shields

54 🗆 19 x 140



536.06



- Frame made of anodized nickel-free metal
- Anallergic and non-slip terminals
- Anallergic PVC nose pads
- Riveted side shields
- · Available in two calibers



51 □ 19 x 135 54 □ 19 x 135

(PC version)

536.07



- Frame made of anodized nickel-free metal
- Anallergic and non-slip terminals
- Anallergic PVC nose pads
- Riveted side shields

50 □ 18 x 140

(PC version)

536.08



- Frame made of anodized nickel-free metal
- Anallergic and non-slip terminals
- Anallergic PVC nose pads
- Riveted side shields

53 🗆 19 x 140





RX insert

The RX insert is a special product that allows to combine normal eyewear with corrective lenses. This product permits the merger, the RX Insert and PPE product into a single product, increased protection combined with the correction of visual defects.

The insert is strictly personal as it is built upon specific request in accordance with medical prescription and can be easily applied and removed from the protective product.

535



6X1



601



551



611



GOGGLES

The goggle provides the wearer a greater sense of security and allows the protection of the eye area to be increased thanks to a perfect fit to the face, a wide coverage area and a superior impact resistance. The certification requirements 3 (droplets and splashes of liquid), 4 (large particles of dust), 5 (gas and fine dust)and 9 (molten metals and hot solids) complete the protective characteristics of this product.











- Wide lens for a field of view without distortion
- Temples adjustable in length and inclination with SoftPad technology
- Sophisticated indirect ventilation system
- Soft internal rubber for comfort without local pressure
- Certified according to EN166 point 3 (droplets and splashes) and point 4 (large dust particles)
- RX insert available



6X1.00.00.00

Frame: gun metal/green Fields of use: 3 4



6X1.00.00.01

gun metal/green 3 4





• Panoramic lens can be perfectly worn over prescription glasses

• Exclusive UDC coating

· Facial support compatible with half masks

• Additional facial protection

• Indirect ventilation system assures certified protection against drops and splashes

• Category III° PPE

• Impact resistance at 432 km/h, even at extreme temperatures



UHDC

Frame: gun metal/green
Fields of use: 3 4 9
Lens: clear



6X3F.01.00 Frame:

light smoke

X-Generation

Innovative solutions able to revolutionize safety eyewear market: from the union of ergonomics, style and quality comes the exclusive Univet X-Generation line. Aggressive design and attention to details applied for the first time to protection equipment, productive and technical peculiarity for an optimal comfort with no points of pressure on the face, X-generation is the new frontier in safety eyewear. Result of careful analysis, not only in quality of materials and design but also in ergonomics, these spectacles guarantee the highest adaptability to every user thanks to their exclusive frame.





p.19





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.



- Wide field of vision for an high-tech goggle
- Different ventilation systems (unvented, indirect ventilation)
- · Also acetate and welding version available
- The anatomic nose pad fits perfectly to all faces
- The adjustable headband and the soft frame effectively distribute the pressure on the face
- RX insert available
- Category III° PPE (PC version)

ACETATE LENS

To better satisfy the different safety needs Univet offers the model 601 with acetate lens. This special material has an anti-fog treatment with superior performance and offers excellent resistance against attack by chemicals or solvents and full UV protection.





601.00.77.00 Frame: indirected vented with foam Field of use: 3 4 9



601.02.77.00

Frame: blue - indirected vented
Field of use: 3 4 9
Lens: clear PC



Frame: blue Field of use: 3 4 Lens: clea blue - indirected vented clear acetate

(I)



601.03.07.00

Frame: clear - unvented Field of use: 3 4 5 9



601.03.07.01

Frame: clear - unvented Field of use: 3 4 5 clear acetate

601.02.06.50

indirected vented Field of use: 349
Lens: green IR5



042.065 Spare PC lens_clear (C) (D)

042.066 Spare ace (I)





- Essential frame ideal for each type of fit
- Adjustable elastic fabric headband
- Polycarbonate lens
- Indirect ventilation system
- OTG



602.01.00.00 Frame: clear Field of use: 3 4



602.01.00.01 Frame: clear Field of use: 3 4







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

04.20.65/A1.6 Spare lens

- RX insert available
- Category III° PPE



611.00.10.01 Frame: red Field of use: 3 4 5 9 Lens: clear *****



611.K0.10.01 Frame: red Field of use: 3 4 5 9 Lens: clear

Firefighters goggle

Univet meets the demands of professionals that need maximum protection working in extreme conditions through the production of high-tech products. Fire Brigade and Civil Defence personnel can find in 611FF goggle the ideal device: designed according to the specific needs of the sector and made of selected materials this device can provide high performance and total protection.







86 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
- Category III° PPE





619.02.01.00 Frame: blue indirect vented Field of use: 3 4 9 Lens: clear



619.03.01.00 Frame: blue - unvented Field of use: 3 4 5 9 Lens: clear

620





- Innovative technology, perfect mix of ergonomics and design
- Spherical panoramic lens for the highest performances
- Soft TPR frame assures optimal level of comfort
- Exclusive UDC coating
- Sophisticated indirect ventilation system
- Can be worn over any prescription spectacles thanks to its spherical lens
- Category III° PPE



620.02.00.00 Frame: blue Field of use: 3 4 9 Lens: clear

Applied technologies

Perfect example of technology applied to the safety field 620 goggle is equipped with a soft TPR structure that fits perfectly every face ensuring comfort and protection even at extreme temperatures.

The spherical lens prevents even the slightest fogging thanks to high-performance anti-fog system UDC combined with indirect ventilation with 6 holes.





Clean room goggle

Protective masks for use in rooms with controlled contaminations (sterile and clean rooms) and working in aseptic conditions, i.e. chemicalpharmaceutical, electronic industries or hospitals laboratories. Univet Clean Room goggles are developed to support multiple sterilization cycles with clean steam or with gamma and beta rays at 25kGy without perceptible alterations. The careful design allows a long time use and maximum transpiration, providing large field of view and use over all prescription glasses.





- Sterilizable in autoclave with steam and with gamma and beta radiations
- The special material of the frame remains stable even after several cycles of sterilization
- · Extra-wide elastic strap
- New version with indirect ventilation system
- Panoramic vented goggle with 2 mm polycarbonate lens
- Frame, lens and elastic strap made of anallerginic material
- RX insert available

REFERENCE PARAMETERS

Lens	VLT = 85.80%
Elastic band	∆I = 73.3%

VLT= Visible light transmittance $\Delta I = Elongation\%$



611.01.00.00 Frame: light blue direct vented clear



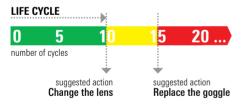
611.03.00.00 light blue indirected vented clear



042 060

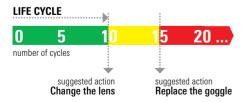
Sterilization test performances

GAMMA RAY radiation with 25 kGy



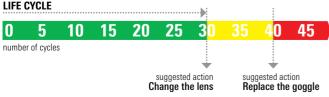
Mask	Number of cycles			
elements	0÷5 5÷10		10÷15	15÷20
Frame	No change in shape occurred	No change in shape occurred	No change in shape occurred	No change in shape occurred
Lens	VLT = 79.88% The lens became light yellow	VLT = 66.76% The lens became yellow	VLT = 62.09% The lens became yellow	VLT = 42.16% The lens became yellow
Elastic band	∆I = 33.3%	ΔI = 18.3%	ΔI = 12.1%	ΔI = 8.7%
Buckle	No change in shape occurred	No change in shape occurred No change in shape occurred No cha		No change in shape occurred

BETA RAY radiation with 25 kGy



Mask	Number of cycles				
elements	nts 0÷5 5÷10		10÷15	15÷20	
Frame	No change in shape occurred	No change in shape occurred	No change in shape occurred	No change in shape occurred	
Lens	VLT = 73.48% The lens became light yellow	VLT = 62.93% The lens became yellow	VLT = 56.66% The lens became yellow	VLT = 30.03% The lens became yellow	
Elastic band	ΔI = 28.3%	ΔI = 17.3%	ΔI = 10.3%	∆I = 7.3%	
Buckle	No change in shape occurred	d No change in shape occurred No change in shape occurred No change in		No change in shape occurred	

Sterilization with STEAM 121°C for 30min in 1 ATM **LIFE CYCLE**



Mask	Number of cycles			
elements	0÷20 20÷30		30÷40	
Frame	No change in shape occurred	No change in shape occurred	The frame hardened	
Lens	VLT = 82.53%	VLT = 82.30%	VLT = 81.40%	
Elastic band	ΔI = 63.3%	ΔI = 61.2%	ΔI = 58.3%	
Buckle	No change in shape occurred	No change in shape occurred	No change in shape occurred	





CLEAN ROOM





- Sterilizable in autoclave with steam and with gamma and beta radiations
- Sophisticated lower indirect ventilation system prevents the release of particulate
- The spherical lens makes the model fully overspec to prescription glasses
- Wide, fully adjustable silicone headband

REFERENCE PARAMETERS

Lens	VLT = 87.40%
Elastic band	$\Delta I = 60.0\%$

VLT= Visible light transmittance $\Delta I = Elongation\%$



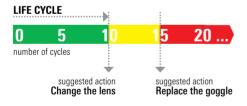
619.04.22.10 Frame: light blue Lens: clear



042.085 Spare lens

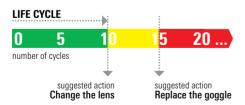
Sterilization test performances

GAMMA RAY radiation with 25 kGy



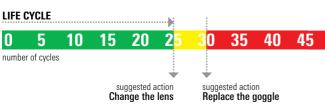
Mask	Number of cycles				
elements	0÷5	5÷10	10÷15	15÷20	
Frame	No change in shape occurred	No change in shape occurred	No change in shape occurred	No change in shape occurred	
Lens	VLT = 74.88% The lens became light yellow	$ \begin{array}{ccc} \text{VLT} = 68.76\% & \text{VLT} = 62.81\% \\ \text{The lens became yellow} & \text{The lens became yell} \end{array} $		VLT = 56.84% The lens became yellow	
Elastic band	ΔI = 40.0%	ΔI = 18.3%	ΔI = 13.3%	ΔI = 10.0%	
Buckle	No change in shape occurred	No change in shape occurred	No change in shape occurred	No change in shape occurred	

BETA RAY radiation with 25 kGy



Mask	Number of cycles				
elements	0÷5	0÷5 5÷10		15÷20	
Frame	No change in shape occurred	No change in shape occurred	No change in shape occurred	No change in shape occurred	
Lens	VLT = 82.62% The lens became light yellow	VLT = 68.80% The lens became yellow	VLT = 65.97% The lens became yellow	VLT = 53.72% The lens became yellow	
Elastic band	ΔI = 46.6%	ΔI = 21.6%	ΔI = 16.6%	ΔI = 14.3%	
Buckle	No change in shape occurred	No change in shape occurred No change in shape occurred No		No change in shape occurred	

Sterilization with STEAM 121°C for 30min in 1 ATM



Mask	Number of cycles			
elements	0÷20	20÷30	30÷40	
Frame	No change in shape occurred	No change in shape occurred	The frame hardened	
Lens	VLT = 86.2%	VLT = 85.8%	VLT = 84.3%	
Elastic band	ΔI = 54.8%	ΔI = 50.2%	∆I = 42.7%	
Buckle	No change in shape occurred	No change in shape occurred	No change in shape occurred	

FACE SHIELDS

For certain applications the protection provided by normal eyewear may not be sufficient: in addition to the eyes is also necessary to protect the entire face. Univet range of visors has a coverage area able to repair the whole face from impacts, drops and sprays. Specific activities expose the eyes and face of the operators at various risk; Univet visors are certified according to requirements 3 (droplets and splashes of liquids), 8 (electric arc caused by short circuit) and 9 (molten metals and hot solids)in accordance with EN166 European standard.







- Repairs the whole face and eyes
- Protects against drops and sprays
- Specific version for protection against electric arc
- Fully OTG
- Wide range of screens for specific uses



Modularity:

The safety visors are available in multiple shades, materials and sizes to address each specific needs. By assembling helmets, joints and visors with various characteristics highly customized products, targeted at different security needs are obtained.



605.04.00.00



605.01.00.00



606.02.00.00







CODE	SIZE (mm)	MATERIAL	SHADE	PROTECTION AGAINST
607.01.00.22	395x200x1	Polycarbonate	Clear	Droplets and splashes, mechanical impacts
607.A7.00.00	395x240x2	Injected polycarbonate	Clear	UV radiation, droplets and splashes, mechanical resistance A ,molten metals and hot solids, electric arc caused by short circuit, Category III° PPE
607.A7.01.00	395x240x2	Injected polycarbonate	Clear	UV radiation, droplets and splashes, mechanical impacts, molten metals and hot solids, electric arc caused by short circuit , superficial scratches (K marking), Category III° PPE
607.01.00.30	395x230x1	Acetate	Clear	Droplets and splashes, chemical agents
607.01.00.34	493x264x1	Technopolymer	Clear	Droplets and splashes, chemical agents (hydrofluoric acid)
607.A9.11.00	395x240x2	Injected polycarbonate	Clear gold mirrored	Infrared radiation (R marking), radiant heating, molten metals and hot solids, mechanical impacts, Category III° PPE
607.A9.11.30	395x240x2	Injected polycarbonate	Green 3 gold mirrored	Infrared radiation, radiant heating, welding processes, molten metals and hot solids, mechanical impacts, Category III° PPE
607.A0.11.50	395x240x2	Injected polycarbonate	Green 5 gold mirrored	Infrared radiation, radiant heating, welding processes, molten metals and hot solids, mechanical impacts, Category III° PPE
607.A9.00.50	395x240x2	Injected polycarbonate	Green 5	Welding processes (flame cutting – welder's aid – and oxyacetylene welding), molten metals and hot solids, mechanical impacts, Category III° PPE
607.A9.00.47	395x240x2	Injected polycarbonate	UVR	Artificial optical radiations, molten metals and hot solids, mechanical impacts, Category III° PPE
607.Z0.00.01	620x235x3	Thermoformed technopolymer	Bluee	Harmful optical radiations during special works in foundries, cement factories, glassworks, radiant heating, molten metals and hot solids
607.Z0.00.02	620x235x3	Thermoformed technopolymer	Clear	Radiant heating with wide coverage area, molten metals and hot solids
607.01.00.32	305x194	Wire mesh		Mechanical impacts during brushcutting
607.01.00.31	380x194	Wire mesh		Mechanical impacts during brushcutting



- Ergonomic headgear made of anallergic material
- Interchangeable front foam sweatband
- Upper band for height adjustment of the cap
- Adjustment of the head circumference by rack (53 to 61 cm)
- 90° flip-up through friction
- Version available free of exposed metal parts for protection against electric arc (605.04.00.00)



605.01.00.00 Frame: yellow Field of use: 3



605.04.00.00 Frame: blue Field of use: 389

606









- Universal joint made of anodized aluminium or plastic
- Sealing system with spring makes the device stable and highly adaptable
- 90° flip-up with two clicks
- Available version designed for use with safety helmet and ear muffs (606.05.00.00)
- Version available free of exposed metal parts for protection against electric arc (606.04.00.00)



606.02.00.00 Frame: black Field of use: 3



606.04.00.00 Frame: blue Field of use: 389



606.05.00.00 Frame: aluminium Field of use: 3 9



- Interchangeable front foam sweatband
- Upper band for height adjustment of the cap
- Adjustment of the head circumference by elastic band
- 1mm polycarbonate 90° flip-up visor
- It can be worn over eyewear and respirators
- Replaceable polycarbonate chin guard



699.00.00.00 Frame: headgear with face shield neaugear with f and chin guard Field of use: 3

699.99.00.00 Lens: face shield

699.99.00.01 chin guard



WELDING - IR

The industrial processes requiring very high temperatures, as well as cutting and welding operations, generate dangerous electromagnetic radiation.

Univet offers one of the most comprehensive range of products for welding and infrared radiation on the market. The availability of different combinations of lens shades, materials and type of devices allows to find the best solution to each workplace.

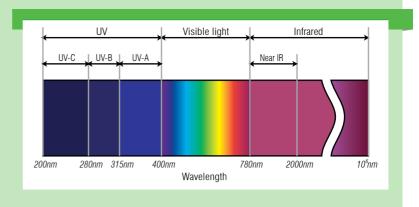


Artificial Optical Radiation

Industrial processes that require high temperatures, as well as cutting and welding operations, generate hazardous electromagnetic radiations.

A continued exposure to the light emitted during these processes may in the long term result in serious injury to the eyes.

The danger of this radiation is increased by the fact that they are invisible to the human eye as they fall in the range of UV and IR.



5X3

31 g



- Exclusive UDC coating
- Lens with FLD (Floating Lens Design) technology
- Extended 9 base wraparound lens, provides extra coverage around the eyes
- The spectacle fits the face without adjustments



5X3.03.35.30 Frame: black/green Lens: green IR3



X3.03.35.50 rame: black/green ens: green IR5

5X7

37g Softendoy



- \bullet The ultimate OTG to prescription spectacles
- The careful design of the frame prevents the overlapping of the temples for an absolute comfort
- · SoftPad technology
- · Adjustment of temples in length













- Integrated side shields with ventilation system
- Adjustable temples with SoftPad technology
- Protective filters available on 90°-180° flip-up system





5X9R.00.30 Flip: green IR3

5X9R.00.40 Flip: green IR4











5X9R.20.42 Flip: blue IR4-2 glass

5X9R.20.Y2 Flip: blue didymium alass

5X9R.20.Y3 Flip: blue IR4-5 glass





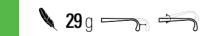
- Adjustment of temples in length and inclination
- Built-in side shields
- Frame made of anallergic material













- Built-in vented side shields
- Soft terminal tips eliminate local pressure and increase wearability
- Adjustment of temples in length and inclination









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



540.00.01.07 Frame: g Lens: b

grey blue IR4-5



540.00.01.50 Frame: Lens:

grey green IR5

54 g (glass version) / **36** g (polycarbonate version)



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

GLASS



566.01.00.50 Frame: black Lens: green IR5



137.00.33 spare lens glass

POLYCARBONATE



566.00.00.50 Frame: black Lens: green IR5



137.00.35 spare lens polycarbonate





- Two-lens eyewear equipped with tilting vented side shields
- · Central screw for quick lens replacement



567.00.00.50 Frame: black **Lens:** green IR5 glass

118 g



- Wide field of vision
- Indirect ventilation system
- Wide elastic band made of anallergic fabric



601.02.06.50 Frame: smoke Field of use: 3 4 9 Lens: green IR5

603

138 g (glass version) / 145 g (polycarbonate version)



- 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)



603.01.00.50 Frame: green Lens: green IR5 polycarbonate



603.03.00.50 Frame: green Lens: green IR5 glass

604

78 g



- Ultra-light frame with double cup and side ventilation valves
- Nose pad adjustment with chain
- Double polycarbonate lens available in clear anti-splinter glass and in green 5 diameter 50 mm
- Lenses are easily replaceable by ring nuts system



604.01.00.50 Frame: black Lens: green IR5 glass



- Repairs the whole face and eyes
- Protects against drops and sprays
- Specific version for protection against electric arc
- Fully OTG
- Wide range of screens for specific uses



607.A9.11.00 clear gold mirrored (395x240x2 mm) Field of use: 9



607.A9.11.30 green IR3 gold mirrored (395x240x2 mm) Field of use: 9



607.A9.11.50 green IR 5 gold mirrored (395x240x2 mm) Field of use: 9



607.A0.00.50 green IR5 (395x240x2 mm) **Field of use:** 9

608



- Welders' faceshield made of black fibre with handle (608.01.00.00)
- Welding helmet with flip-up system (608.02.00.00)
- Window size 75x98 mm, filters available separately



608.01.00.00 Frame: black



608.02.00.00 Frame: black



041511 Lens: clear glass



041513 Lens: green IR10

041514 Lens: green IR11

1063.1 Support for flip-up glass Frame: black

608 REX



- Welding helmet with active filter and LCD screen
- Protection against UV and infrared rays and visible light (EN175 and EN379 standards compliant)
- Micrometric adjustment of the head circumference
- Available fixed-DIN (DIN 11) or potentiometer (DIN 9/13) versions



608.04.00.00 Frame: blue Visor: DIN fix



608.04.00.10 Frame: red Visor: potentiometer





- 90°flip-up steel mesh with window for glass filter insertion
- Universal support with knob for helmet
- Interchangeable filters (60x120mm rectangular or round 50mm diameter)



609.04.00.15 steel blue IR4-5



609.04.00.16 steel blue IR4-5



steel blue IR4-5



609.04.00.19 steel blue IR4-5 Frame: Lens:



02.21.29 Lens: glass blue IR4-5



04.16.30 glass blue IR4-6

04.16.32 Lens: glass blue IR4-7 60x120 mm

04.16.33 Lens: glass blue IR4-8 60x120 mm

04.15.30 glass green IR5 60x120 mm

64 g (glass version) / **57** g (polycarbonate version)



- Welding protective goggle in soft and heat resistant material
- Mineral glass lenses with ø 50 mm
- Elastic fabric headband guarantees an excellent wearability
- Soft frontal allows a simple and rapid replacement of the lenses and good ventilation



618.01.06.00 Frame: black Lens: clear glass



618.01.06.50 black green IR5 glass



02.21.18 Lens: clear glass





02.21.27 Lens: clear polycarbonate



ACCESSORIES



Cod. 023345



Univet neck cord with buckle Cod. 023346



Cotton neck cord with buckle Cod. 4PA114--ASSEMB-





Microfiber pouch Cod. 2300072



Case with zip Cod. 2300062



Rigid case with zip Cod. 3AT029



Goggle case Cod. 3AT025



Rigid case with zip Cod. 3AT030



Univet Cleaning station Cod. 3QL002-



Univet cloth Cod. 3PA225



Anti-fog cleaner Cod. 3QL001



Univet cleaning tissue (pack of 24pcs) Cod. 3QL003-









Customisation

Customisation is the most effective way to stand out on the market.

Thanks to the dynamism and flexibility of the production department, Univet is able to offer each kind of customisation according to the guidelines of the individual client: from the customisation of the single product to the completion of turnkey projects.

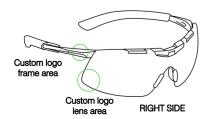
QUICK CUSTOMISATION

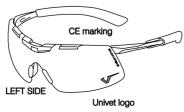
The easier way to get a customised product. The right choice for small quantities (250 pcs) and fast delivery.

HIGH VOLUMES CUSTOMISATION

The solution for full customisation, designed for big quantity supplying (4500 pcs).

- Indelible laser-engraved personalisation
- Pad printed customisation with one or two colours
- Pad printed or embroidered personalisation on elastic headbands
- Customised packaging







cod. 3AT036-**Univet Smartbox**

4 positions for eyewear, 1 for goggle 390x205xH100 mm





VUP members are part of an exclusive group to which we devote special attention. To each one are guaranteed constantly updated trainings on Univet technologies, products and the main safety regulations, a technical consulting service and a dedicated product specialist. We coordinate and support with qualified professionals special events developed on the needs of each distributor and its customers. The VUP members are selected to spread Univet experience, made of passion, technology and expertise and of Very Univet People.









UNIVET DAY

Specific training on eye protection by qualified personnel: regulations, applications, types of risk and products. Dedicated trainings for the sales staff and for end users.



EXCLUSIVE EVENTS

In the company are organized exclusive events dedicated to the VUP members with updates on products and technologies, business meetings and great fun.



PRODUCT SPECIALIST

A professional specialised in eye protection available to the distributor for support during visits to end-customers or for special requests.



CUSTOMER SERVICE

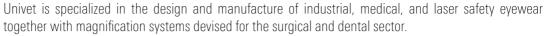
Univet customer service ensures rapidity and flexibility in satisfying the customer needs. We can provide professional assistance in more than ten different languages.











Univet is the only Company in the world that can offer complete lines of magnification systems and safety eyewear in so many diversified sectors: the interaction between these sectors facilitates the development of products characterized by innovative and original solutions.

Innovative, up-to-date, and internationally recognized, Univet is a Company in constant growth; from its headquarter of over 3,000 m2 in Northern Italy it exports its products to more than sixty countries all over the world, with an export quota equalling 60% of its annual sales.









SAFETY. PLANNING YOUR PROTECTION

The thorough ergonomic study of frames is combined with extreme care about design for a fresh conception of comfort and style. An Italian touch of class to protect yourself.



LASER. INNOVATION FOR SAFETY

Univet Optical Technologies: technology intended as innovation and also as continuous research towards solutions that can meet the clients' needs and taste



MEDICAL. BE WELCOME TO WORK

Each single model is designed to offer the best possible protection and vetted in its aesthetic and fitness to allow the operator to work in complete harmony with its eyewear.



LOUPES, ITALIAN IS BETTER

Entirely Made in Italy TTL and Flip-Up magnification systems for any operator's need. High-tech optical systems offering precision and comfort in every operation.







www.univet-optic.com

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