

SAFETY EYEWEAR planning your protection

UNIVET PRODUCTS RANGE

















































CREATE THE FUTURE

Innovation happens when you look to the future.

The future comes from those who work every day with passion to create a better world.

Emphasizing the preciousness of every single person, Univet has decided to tell some special stories that bear testament to the satisfaction of people who chose Univet to improve their safety and working conditions.





is a verb full of ideas that generates positive images of growth, development, innovation and creativity, reinforcing the connection between Univet and anyone who creates, builds and works. is a universal concept that is simultaneously fundamental for our company proving our innate inclination to build something that will have real benefits for future generations.

Create the future expresses in a few, significant words the daily mission of everyone who works passionately at Univet: to guarantee a better future for themselves, for everyone choosing Univet and the industry.

"My work has no routine, everything is constantly changing, I don't have time to get bored." Sergio, steelworker

"What I do is my passion, I've never thought of doing anything else. As boy I watched my dad and my grandad at work and by watching I learnt how to do." Ivan, sculptor

"More than the objective, the finished violin, I'm interested in the journey: paying attention at every stage is what creates a fantastic result." Filippo, luthier











ITALIAN CREATIVITY

Italian style is revolutionizing eye protection.

Univet's extensive experience in fashion and sports glasses design has been transferred to the development of all PPE and magnifying systems. Innovation and technology, as well as research into shape and design, make Univet models unique and immediately recognizable.

Attention to detail, both at the functional and aesthetic levels, brings about the unprecedented idea of combining comfort and style.

The Made in Italy style makes operators want to use these products as they are appealing and extraordinarily wearable.



Univet passion is reflected in the attention to detail, Italian design and especially the research & development of advanced technologies.

A special mix that generates exclusive and up-to-date products.



Passion & People

Every model developed, every objective met, every new market gained is the result of the commitment and passion of each and every person working at Univet. While creating a new product it is a challenge for everyone, it is also a source of enjoyment and enthusiasm, creating a special energy and a daily desire to improve and build a future together.



Italian style

Thanks to the talent of our 100% Italian designers, our products combine an unusual mix of safety, comfort and style. Research, taste and intuition testify to the talent of our professionals who always aim to create unique models that stand out from the crowd.



Innovation

A team of specialist technicians work within our research and development department: the pride and joy of our company. Expertise, perseverance and determination are the fundamental qualities required for designing and creating highly innovative and technological products.







reddot design award winner 2015

RED DOT DESIGN AWARD

Univet awarded a prestigious Red Dot Award for outstanding design

In 2015, Univet won one of the most prestigious international prizes. The Red Dot Award has been awarded for sixty years to products that are exemplary in the quality of their design. Products were assessed from 4.928 proposals from 56 nations. The 6X3 X-Generation protective goggle won over

the jury for its unique characteristics; essential design, style and outstanding performance.

A high performance product characterized by great attention to ergonomics of use and its ability to work with additional facial protection.

Designed to guarantee comfort and excellent wearability due to its soft structure in support of the face. The panoramic lens can be perfectly worn over prescription glasses. The lens for the 6X3 X-Generation is also equipped with the exclusive Univer Double Coating (UDC) treatment for protection from scratches and fogging. The 6X3 is also designed to ensure proper seating of respiratory masks and half masks. A unique product that combines design, beauty and technology.



6X3 NEXT GENERATION GOGGLE

RESEARCH AND DEVELOPMENT

Innovation, technology and quality

Always at the forefront for identifying the most effective technological solutions, Univet guarantees that Research and Development Area is its greatest strength. Here they are allocated the greatest investment, to allow for unrivalled equipment and advanced analysis.

Univer's style and philosophy are put into practice here, in the development of innovative projects and confirmation of exemplary product quality. This is obtained with great thanks to our highly qualified technical team and the use of the most advanced research equipment.



applied research laboratory

Equipped with modern exacting equipment, the applied research laboratory **ARL**ab is the place where innovative products and Univet unique solutions come to light.

Inside **ARL**ab, Univet technical staff are able to perform tests during the design stage of product development, to ensure that new potential products meet the high standards required on PPE equipment. Also during preliminary verifications, they constantly test products' quality and Univet eyewear always maintains the highest of standards. Thanks to the dedicated use of such equipment, Univet consolidated a deep knowledge of technology applied to goggles, creating a steady stream of innovations. As a result the **ARL**ab brought into the world all the technological innovations that have seen Univet to be recognized over the years internationally. This was confirmed by the awarding of the Best Practice Technology Leadership in the Eye Protection Industry award. This was given by the Frost & Sullivan Association. Optical projects such as the exclusive "by Univet" lenses, designed to meet specific market needs, but also the development of unique and innovative materials such as **SMEX**, which guarantees protection from laser radiations also on the eyewear frame, or $\beta\gamma$ oxene[®], to realize lenses that do not lose light transmittance ability despite a significant number of sterilization cycles.



Through certification testing for the main European and non-European standards as well as periodic examinations of all sample products, **AR**Lab conducts accurate performance control, allowing Univet to provide its customers with an always proven quality of production.







A family of products that brings the concept of protection to a new level: Univet **nEXxt** project comes as a result of an in-depth study of design. This has resulted in higher technological innovation applied to the protection of the eyes.

In the workplace the interaction between different PPE 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 to ensure the best possible protection to the worker and total comfort even during its combined use with other PPE.

The use of thoughtful and precise engineering techniques ensures Univet products are effective when used as a stand-alone item. However this focus also allows these products to harmonize perfectly with other safety equipment.





Always in the front line to fit the differing needs of users, Univet has developed innovative technology in safety: the Platform system.

Born from a careful study of Univet designers and engineers and applied on the new X-Generation **5X1 Platform**, this system allows everyone to transform the eyewear to meet every work need, ensuring every worker can personalise the 5X1 without compromising comfort and protection.

On one frame it's possible to assemble a wide range of combinable and interchangeable accessories: so it's possible to change the lens independently, replacing it with another, or replacing the temples with the rubber gasket and elastic band version for busy procedures.

A unique revolution in the safety field: an exclusive PPE to satisfy the different work needs.



OPTICAL TECHNOLOGIES

Applied Optical Technology

The different features of the face need products that can be adapted to the specifics of each worker's face, to ensure to comfort and protection.

The adjustment of both the nosepad and the temples in length and inclination allows the user to customize the fit of the glasses: so a perfect fit is guaranteed.





SOFTPAD - Technology comfort

Through the many settings of the terminal, the innovative use of materials and a meticulous design 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.







Exclusive coatings for improved performance

Innovation is the result of research: Univet therefore created a specific area dedicated to the development of new technologies. Thanks to advanced tools, a technical and qualified staff is constantly engaged in the research into new coatings to guarantee improved performance.



UDC - Univet advanced Double Coating

The breakthrough UDC technology provides to the eyewear 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 and 6X3 UDC models, symbols of Univet philosophy, combining style, comfort and innovation.



HOD - Hydrophobic Oleophobic Dry coating

The new HOD coating improves visibility and simplifies the care of the glasses. Applied both inside and outside the lens, the HOD treatment increases the surface tension, preventing the adhesion of water and oil's drops. This technology enhances the flow of liquid on the lens and prevents dirt from sticking, ensuring an always clear view and simplifying the cleaning process. HOD is applied on the X-Generation 5X1 Platform model, for an innovative device in both design and performance.



The Anti-fog Plus coating is a film a few μ m thick 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 treatment prevents that fogging of PPE impede the safe running of the job, allowing a clear view even in critical working conditions.

The Anti-fog Plus coating, identifiable with the N letter in the lens marking, is permanent and it offers superior performance compared to the standards required by EN166 safety regulations.



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 European safety standard.

European Standards Personal Protective Equipment

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:











FECHNOLO

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 eve and face protectors

EN379 - Specification for automatic welding filters

SCALE NUMBER						
Code Number		Shade number	and typical lens colours	VLT range1.2		
2	Ultraviolet (UV)	1.2	Clear	100% - 74.4%		
2C o 3	UV with good colour	1.7	In/Out, yellow, clear mirrored, UVR	58.1% - 43.2%		
	recognition	2.5	Brown, smoke	29.1% - 17.8%		
4	Infra-red (IR)	3.1	G15, smoke mirrored	17.8% - 8.0%		
5	Sunglare filter without infra-red specification	3,4,5,11	Welding	-		
6	Sunglare filter with infra-red	Welding products	do not require a code number			

OPTICAL CLASS									
	Spherical refractive power	Astigmatic refractive power	Difference in prismatic refractive power						
	m ⁻¹	m ⁻¹	horizontal base out	horizontal base in	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 HIGH SPEED PARTICLES								
Mechanical resistance	Impact level	Maximum speed	Diameter	Grams	Eyewear	Goggles	Face shields	
A (T)	High energy impact	190 m/s 684 km/h					•	
B (T)	Medium energy impact 120 m/s 432 km/h ø 6 mm 0,86 gr	0,86 gr		•	•			
F (T)	Low energy impact	45 m/s 162 km/h			•	•	•	
S	Increased robusteness	5,1 m/s 18,36 km/h	ø 22 mm	43 gr	•	•	•	

(T) if the impact letter (F, B or A) is followed by the letter T, then the eyewear protects against impact at extreme temperatures (-5^o/ +55^oC)

OPTIONAL REQUIREMENTS				
K	Resistance to surface damage by fine particles			
N	Resistance to fogging of oculars			
Т	Protection against high speed particles at extreme temperatures			
Н	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 $> 5 \mu$ m		•				
5	Gas and fine dust particles	Gases, vapours, sprays, smoke and dust with a particle size $<5\mu{\rm m}$		•				
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: 2C-1.2 VLT: 89%



YELLOW The enhanced contrast lens

FEATURES:

• Protection against impacts, UV radiations and blue light (up to480nm)

Sharpens visual acuity in conditions
of low visibility

• Enhances the contrast

APPLICATIONS:

Surface inspection, mechanical work, ultra-violet light, work inside galleries, bad atmospheric conditions, shooting

MODELS:

5X1, 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

FEATURES: • Protection against impacts, UV radiations • Protects against blue light up to 525nm

Enhances the contrast in low light condition

APPLICATIONS:

Surface inspection, mechanical work, ultra-violet light, vulcanization, work with curing light lamp

MODELS: 5X3, 5X7, 546

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



BLUE 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

FEATURES:

- 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

FFATURES:

- · 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

FFATURES:

· 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: 5X1, 5X3, 5X7, 5X9, 511, 539 • IR 4: 5X9
- IR 5 PC: 5X1, 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 VIT: IR 1.7: 45%, IR 3: 16% IR 4: 6%. IR 5: 2%. IR 6: 0.6%, IR 7: 0.2%

BLU IR The IR protection lens set

FEATURES:

- · Protection against infrared (IR) radiations
- · Absorbs yellow-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: 5X9, 540

STANDARDS: EN166/EN171 MARKING: 4-2, 4-5 VLT: IR 4-2: 40% IR 4-5: 1%



POLAR LENS The anti-reflection lens

FFATURES:

Blocks luminous radiation depending on its polarization, stopping annoying reflections

- · Good perception of contrasts
- and clear vision
- · Less eve strain
- 100% UV protection

APPLICATIONS:

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

MODELS: 549

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

Lenses by Univet AMBER IN/OUT G15 UVR Intense Light Protection The anti-glare clear lens The natural vision solar lens The global filter UV-IR-SUN FEATURES: FEATURES: FEATURES: FEATURES: • 100% protection against UV radiations Multilaver reflective coating deposited · Solar Lens designed on the basis of • 100% UV protection • 100% protection against blue light (up on the outer surface of the lens the spectral luminous efficiency curve Optimal protection against IR radiations to 530nm) • Protects against glare and provides • High VLT for good visibility in dark of the human eye • Perfect protection in bright sunlight high visibility in extreme conditions Very relaxing environments • Excellent protection against glare • Perfect colour recognition (TSR) Good colour recognition (TSR) produced by intense light sources **APPLICATIONS:** Solar protection Fork lift truck, mechanical work, work APPLICATIONS: with transition between dark and bright **APPLICATIONS:** Outdoor work, construction sites, road **APPLICATIONS:** LED sources manufacturers (quality environments Glasswork, quality control, foundry, works, driving vehicles control), IPL (staff and patients), Artificial Optical Radiations (AOR) ophthalmology post-surgery, use of MODELS: 5X1, 5X6, 5X7, 5X8, 553ZN MODELS: 5X1, 5X4, 5X6, 5X8, 506UP lamps emitting blueee light: Wood's 508, 553ZN MODELS: 5X7, 5X9, 539 lamp, germicidal lamp STANDARDS: EN166/EN170/EN172 MARKING: 2C-1.7/5-1.7 STANDARDS: EN166/EN170 STANDARDS: EN166/EN169/EN170/ MODELS: 5X3, 5X7 VLT: 55% MARKING: 2C-3/5-3.1 EN171/EN172 SUNGLASS EQUIVALENCE: Shade 1 MARKING: 1.7/2C-1.7/4-1.7/6-1.7 VLT: 15% STANDARDS: EN170 SUNGLASS EQUIVALENCE: Shade 3 VLT: 46% MARKING: 2-5 SUNGLASS EQUIVALENCE: Shade 1 VLT: 1.7%

SUNGLASS EQUIVALENCE: -



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.



TOTAL VERSATILITY

Multifunctional and versatile, the X-Generation 5X1 Platform was created by Univet designers and engineers to ensure optimal protection and personalized use in any working condition. This is thanks to the wide range of combined accessories to choose and easily change. The extended wraparound lenses provides extra coverage around the eyes.

SoftPad Technology Lens with FLD (Floating Lens Design) technology Adjustment of temples and soft patented nose pad in anallergic rubber, with height adjustment Fast interchangeable elastic band and lenses system Easy assembly of the rubber gasket Corrective version available (Caliber: 55 🗆 21) Gasket version certified according to EN166 point 3 (droplets and splashes)





5X1.03.00.00 Frame: dark grey/green Lens: clear

5X1.03.00.05 Frame: dark grey/green Lens: G15



SX1.30.00.00 Frame: dark grey/gree

Frame: dark grey/green Lens: In/Out

5X1.04.00.00 Frame: dark grey/green Lens: clear Hydrofobic

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5X1.01.00.03 Frame: dark grey/green Lens: yellow

5X1.00.00.30 Frame: dark grey/green Lens: green IR 5





5X1.00.00.50 Frame: dark grey/green Lens: green IR 3



5X1.K1.00.00 Frame: gun metal/grey Field of use: 3



5X1.K2.03.00 Lens: clear



5X1.K2.03.05 Lens: G15









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 face Extended 9 base wraparound lens, provides extra coverage around the eyes Ventilation system The spectacle fits the face without adjustments





5X3.01.35.00 Frame: black/green Lens: clear



5X3.03.33.00 Frame: black/orang

Frame: black/orange Lens: clear UHDC

5X3.12.35.02 Frame: black/green Lens: smoke FM



5X3.03.33.04 Frame: balck/orange Lens: orange U+DC UV525

5X3.03.33.08 Frame: black/orange Lens: brown





5X3.03.33.09 Frame: black/orange Lens: amber





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

5X3.03.35.50 Frame: black/green Lens: green IR5











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.

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







5X4.13.10.00 Frame: blue painted Lens: clear FM

5X4.03.30.05 Frame: black painted Lens: G15

JV400

5X4.03.40.00 Frame: red painted Lens: clear



UNIVET[®]





SPORTY DESIGN

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





5X6.01.00.00 Frame: black/orange Lens: clear

5X6.03.11.00 Frame: gun metal/green Lens: clear

5X6.03.00.05 Frame: gun metal/green Lens: G15

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5X6.31.11.00 Frame: gun metal/green Lens: In/Out

5X6.03.00.03 Frame: black/orange Lens: yellow





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





5X7.01.00.00 Frame: black/orange Lens: clear

5X7.03.11.00 Frame: gun metal/green Lens: clear $^{\bullet}$

> 5X7.31.11.00 Frame: gun metal/green Lens: In/Out

UV400

5X7.01.11.02 Frame: gun metal/green Lens: __smoke



5X7.03.00.04 Frame: black/orange Lens: orange **⊗**⁺ **UV525**

5X7.01.00.09 Frame: black/orange Lens: amber

5X7.01.11.47 Frame: gun metal/green Lens: UVR Lens:

5X7.01.11.17 Frame: gun metal/green Lens: green IR1.7

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5X7.01.11.30 Frame: gun metal/green Lens: green IR3 $^{\circ}$

5X7.01.11.50 Frame: gun metal/green Lens: green IR5 \otimes^{\dagger}













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 Lens: clear





5X8.03.00.05 Frame: gun metal/green Lens: G15



5X8.31.11.00 Frame: gun metal/green Lens: In/Out



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







Soft pac

45 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 Available version with Gasket and Elastic band





5X9.01.11.00 Frame: gun metal/orange Lens: clear PC \odot

5X9.03.00.00 Frame: gun metal/green Lens: clear PC $^{\circ}$ \mathbf{v}^{\dagger}

5X9.10.00.00 Frame: gun metal/green

5X9.20.00.00 Frame: gun metal/green Lens: clear glass



5X9E.03.00.00 Frame: clear Lens: clear PC ***** *





Frame: gun metal/grey



5X9R.00.50 Flip: green IR5 ٢

5X9R.20.42 Flip: blue IR4-2 glass

5X9R.00.30 Flip: green IR3

5X9R.00.40 Flip: green IR4

5X9R.00.47 Flip: UVR

Flip: green IR6 Ò

5X9R.00.60

5X9R.00.70 Flip: green IR7



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

5X9R.20.Y2 Flip: blue didymium glass

VNIVET











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.

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





6X1.00.000 Frame: gun metal/green Lens: clear Field of use: 3 4

6X1.00.00.01 Frame: gun metal/green Lens: smoke Field of use: 3 4



6X10.00.99 RX insert





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 Additional facial support compatible with respiratory masks Indirect ventilation system assures certified protection against drops and splashes Impact resistance at 432 km/h, even at extreme temperatures Protection that is designed to work seamlessly with half-masks





6X3.00.00.00 Frame: gun metal/green Lens: clear Field of use: 3 4 9 UHDC

NEXXT 💮 75 g



6X3.00.00.05 Frame: gun metal/green Lens: G15 Field of use: 3 4 9 UHDC



6X3F.01.00 Facial support Frame: light smoke



042.117 Spare lens

UNIVER "



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 fit. 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.


















501.00.00.00 Frame: silver Lens: clear PC

501.00.00.11 Frame: silver Lens: clear PC

501.00.00.31 Frame: silver Lens: clear CR39

503.00.00.00 Frame: clear Lens: clear UC

503.00.70.11 Frame: light blue Lens: clear

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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









506U.04.03.00 Frame: black/orange Lens: clear



506U.04.04.05 Frame: black/green Lens: G15



506U.06.01.00 Frame: black/green Lens: clear





- · Soft temple 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: blue/silver Lens: clear \bigcirc



507.01.62.11 Frame: black/green Lens: 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



508.02.01.00 Frame: smoke/green Lens: clear



508.04.01.05 Frame: Lens: smoke/green G15





Children & Small Faces

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



- · Built-in side shields
- Frame made of anallergic material
- Available the version certified to small faces (511.03.01.00H)







511.03.01.00H Frame: blue Lens: clear















Frame: gun metal/green Lens: clear







SPECTACLES

43





- 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







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.



549 🔪 26 g



- 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.lts peculiar structure blocks luminous radiation depending on its polarization, letting pass only direct font rays, significantly improving the ability of vision in bright light.







SPECTACLES



PERFECTLY WRAPAROUND

Extremely lightweight and with a sporty and wraparound design, the 546 model is characterized by a modern and attractive shape. Thanks to a careful ergonomic study, the fit naturally adapts itself to all faces and provides perfect adherence, without further adjustment. The overmoulded temples guarantee perfect wearability, and together with the rubber nosepad assure an excellent level of comfort even with prolonged use.

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







546.12.45.02 Frame: black/green Lens: smoke FM

546.01.42.00 Frame: black/orange Lens: clear

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546.03.42.04 Frame: black/orange Lens: orange





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 protection Light and handy, made entirely in polycarbonate, weight only 19 gr Temples with reduced section designed for a perfect interaction with ear muffs New lens available (G15 and In/Out)



Frame: clear Lens: clear \otimes^{\bullet} TO I

553Z.01.01.03 Frame: yellow Lens: yellow

553Z.01.00.00



553Z.01.02.05 Frame: G15 Lens: G15

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⊗† J.



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



ZERGNOISE

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%











- 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 BX incort av
- RX insert available









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.

	POLYCARBONATE	CR39		
MECHANICAL RESISTANCE	OPTIMAL F T	GOOD S		
UV PROTECTION	OPTIMAL 2C-1.2	OPTIMAL 2C-1.2		
SCRATCH RESISTANCE	OPTIMAL K	GOOD		
CHEMICAL RESISTANCE	MODERATE	OPTIMAL		
OPTICAL CLASS	1			



Technical Features

Polycarbonate monofocal lens

Construction limits:	refractive index	1.590
Positive addition between sphere and cylinder +8,00	UV protection	390 nm
Negative addition between sphere and cylinder -10,00	impact resistance	FT
	anti-scratch coating (K) certified CE EN 166	

Standard powers: sphere +2/-6 cylinder 2 Special powers: powers not inclueded in the above values

Polycarbonate bifocal lens

Construction limits:

Positive addition between sphere and cylinder +7,00 Negative addition between sphere and cylinder -7,00 Minimum standard addition 1 Maximum standard addition 3,50 Special addition (to be quoted on demand) 0,50/0,75 refractive index 1.590 UV protection 390 nm impact resistance FT anti-scratch coating (K) certified CE EN 166



Polycarbonate Progressive lens

Construction limits:

Positive addition between sphere and cylinder+8,00 Negative addition between sphere and cylinder -9,00 Minimum standard addition 1 Maximum standard addition 3,00 Special addition (to be quoted on demand) 0,50/0,75

- . Progressive corridor version 14mm
- . Minimum assembling height 18mm . Freeform Technology lenses
- . Expanded near sight zone
- . Smooth vertical transition
- . Clear vision through the whole lens areas
- . Binocular vision balanced and relaxed
- . Natural convergence compensation





designers and engineers to ensure optimal protection and personalized use in any working condition. This is thanks to the wide range of combined accessories to choose an change easily. The extended wraparound lenses provides extra coverage

TOTAL VERSATILITY

around the eyes.

555

Fast Interchangeable elastic band and lenses system Easy assembly of the rubber gasket Corrective version available: 55 □ 21 Gasket version certified according to EN166 point 3 (droplets and splashes)

Sporty eyewear design

- With side and brow protection integrated, it offers
- a wide coverage area • Overmoulded temples for a better comfort
- 56 □ 12 x 130 (PC version)





Multifunctional and versatile, the X-Generation 5X1 Platform was created by Univet







5X1.K1.00.00 Frame: gun metal/grey Field of use: 3))⊶



55 🗆 21

(PC version)







- Integrated side shields with ventilation system
- Adjustment of temples in length and SoftPad technology
- Additional flip with protective filters for special applications
- Assembly of the rubber gasket on demand
- Also available 5X9E version with elastic band and soft rubber gasket



58 🗆 16 x 110-120 54 🗆 16 x 110-120

𝔇⁺(PC version)



• Ultra-light polycarbonate frame

- Built-in side shields
- Temples with metal core for easy adjustment

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)













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



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.





Metal frames

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.



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.



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 Field of use: 3 4 lens: clear *****



6X1.00.00.01 Frame: gun metal/green Field of use: 3 4 Lens: smoke ******

pag.32

🔪 78 g NEXXT 🍖



- · Panoramic lens can be perfectly worn over prescription glasses
- · Exclusive UDC coating
- Additional facial support compatible with respiratory masks
- · Indirect ventilation system assures certified protection against drops and splashes
- Impact resistance at 432 km/h, even at extreme temperatures
- · Protection that is designed to work seamlessly with half-masks



6X3.00.00.00 Frame: gun metal/green Field of use: 3 4 9 Lens: clear UHDC



Facial support Frame: light smoke





RED DOT AWARD

In 2015, Univet won one of the most prestigious international prizes. The Red Dot Award has been awarded for sixty years to products that are exemplary in the quality of their design.

Products were assessed from 4.928 proposals from 56 nations.

The 6X3 X-Generation protective goggle won over the jury for its unique characteristics: essential design, style and outstanding performance.

A high performance product characterized by great attention to ergonomics of use and its ability to work with additional facial protection.

Designed to guarantee comfort and excellent wearability due to its soft structure in support of the face. The panoramic lens can be perfectly worn over prescription glasses.



reddot design award winner 2015







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









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

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

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

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

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

601.03.07.01







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







59



- · Essential frame ideal for each type of fit
- Adjustable elastic fabric headband
- Polycarbonate lens
- · Indirect ventilation system
- 0TG



602.01.00.00 Frame: clear Field of use: 3 4 Lens: clear **1**



602.01.00.01 Frame: trasparente Field of use: 3 4 Lens: clear UC

611 🔪 122 g



- 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
 - RX insert available



611.00.10.01 Frame: red Field of use: 3 4 5 9 Lens: clear $^{\circ}$



611.K0.10.01 Frame: red Field of use: 3 4 5 9 Lens: clear $^{\bullet}$

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.





61

- 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



619.02.01.00 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

Available from April 2016

620U.02.10.00 Frame: grey Field of use: 3 4 Lens: clear

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

Applied technologies

620^{UP}

Perfect example of technology applied to the safety field 620^{up} 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 combined with indirect ventilation with 6 holes.









NEW

🔌 88 g





CLEANROOM

Innovation applied to sterilized devices

A clean room is an environment, typically used in manufacturing of pharmaceutical and technological products or scientific research. These environments have a low level of environmental pollutants such as dust, airborne microbes, aerosol particles, and chemical vapours.

These laboratories have a controlled level of contamination: it's therefore essential to keep them free from external agents generated by operators or work tools. At the same time, it's important to protect workers from potential contact with dangerous substances.



βγoxene®

A β or γ rays sterilization cycle is an aggressive process designed to remove any particle present on a cleaned item, and as a result it tends to deteriorate the product itself. The lens of a polycarbonate clean room mask, in particular can turn yellow. As a result, the lens loses much of its light transmittance ability and becomes unusable.

The Univet R&D department, to overcome this problem, developed $\beta\gamma$ oxene[®]: a new material with unique physical and chemical characteristics.

The exclusive peculiarity of $\beta\gamma$ oxene[®] allows the lens to maintain its original transparency for over 30 sterilization cycles using the standard β or γ rays techniques. $\beta\gamma$ oxene[®], in fact, loses only 1.4% of light transmittance, a percentage that polycarbonate loses after only one sterilization cycle.



ANTI-FOG¹²¹

Before entering clean room areas, all masks must be subjected to a sterilization that removes all biological agents present on its surfaces: this process, when carried out with vapour steam, degrades any treatments applied to the lens.

The Univet Anti-Fog¹²¹ is a special film coating a few μ m thick. This film is deposited both on the inside and outside of the lens. Besides preventing fogging, it maintains its abilities for more than 10 sterilization cycles with clean steam: whilst maintaining the standards of the EN166 safety regulation.

UNIVET OPTICAL TECHNOLOGIES

CLEAN ROOM



• New elastic strap in antistatic silicone









 Innovative guick elastic band adjustment system · Available with direct and indirect ventilation • New Anti-Fog¹²¹ coating available • RX insert available





611.S1.00.00 Frame: light blue indirected vented clear

· Sterilizable through autoclave with steam and with gamma and beta radiations · Frame constructed of a special material, resistant to several cycles of sterilization



NEW 611.S0.00.01 Frame: light blue direct vented Lens: clear 121 W 611.S1.00.01 Frame: light blue indirected vented NEW Lens: clear V2¹²¹ 121 J)

- New βyoxene[®] lens
- · Sterilizable with gamma and beta radiations
- Frame in a special material, resistant to several cycles of sterilization
- New elastic strap in antistatic silicone
- · Available with direct and indirect ventilation
- RX insert available



611.S0.10.02 Frame: azur direct vented clear l ens: βγοχεπε βγοχεπε

Autoclave cvcles

611.S1.10.02 Frame: azur indirected vented Lens: clear

619 **CLEAN ROOM**



- · Sterilizable through autoclave with steam and with gamma or beta radiations
- Available with direct and indirect ventilation
- · Sophisticated lower indirect ventilation system prevents the release of particulate
- . The spherical lens makes the model fully capable of being worn over prescription eyewear
- New elastic strap in antistatic silicone
- · Innovative quick elastic band adjustment system





619.05.23.10 Frame: light blue direct vented Lens: clear 619.04.23.10

light blue Frame: indirected vented clear Lens:



042.085 Spare lens



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
- Category III° PPE (8 marking)





(493x254x1 mm)

607.Z0.00.01 blue Field of use: 9

607.Z0.00.02

clear Field of use: 9

(380x195 mm)

607.01.00.32 steel face shield for brush-cutting (305x195 mm)

607.01.00.31 steel face shield for brush-cutting

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

607.A7.00.00 clear polycarbonate

(395x240x2 mm) Field of use: 8 9

607.A7.01.00 clear polycarbonate (395x240x2 mm) Field of use: 8 9

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 IR5 gold mirrored (395x240x2 mm) Field of use: 9

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607.A9.00.47 UVR (395x240x2 mm) Field of use: 9 \bigotimes

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.







CODE	SIZE (mm)	MATERIAL	FILTER	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	493x254x1	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, mol- ten metals and hot solids, mechanical impacts
607.A9.11.30	395x240x2	Injected polycarbonate	Green 3 gold mirrored	Infrared radiation (R marking) , radiant heating, welding processes, molten metals and hot solids, mechanical impacts
607.A9.11.50	395x240x2	Injected polycarbonate	Green 5 gold mirrored	Infrared radiation (R marking) , radiant heating, welding processes, molten metals and hot solids, mechanical impacts
607.A0.00.50	395x240x2	Injected polycarbonate	Green IR5	Welding processes (flame cutting – welder's aid – and oxyacetylene welding), molten metals and hot solids, mechanical impacts
607.A9.00.47	395x240x2	Injected polycarbonate	UVR	Artificial optical radiations , molten metals and hot solids, mechanical impacts
607.Z0.00.01	620x235x3	Thermoformed technopolymer	Blue	Harmful optical radiations during special works in foundries, cement factories, glassworks, radiant hea- ting, 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	305x195	Wire mesh		Mechanical impacts during brushcutting
607.01.00.31	380x195	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: 3 8 9

606



- NEXXT 🔿 🐣
- 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: 3 8 9

606.05.00.00 Frame: aluminium Field of use: 3 9

699



UNIVET

- 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 headgear with face shield and chin guard Field of use: 3

699.99.00.00 Lens: face shield

699.99.00.01 Lens: 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.











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









- · 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







540.00.01.50 Frame: grey Lens: green IR5



566 \sim 54 g (glass version) / 36 g (polycarbonate version)



• Two-lens eyewear equipped with tilting vented side shields

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- Interchangeable lenses available
- · Central screw for quick lens replacement









- - · 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)







603.03.00.50 Frame: green Lens: green IR5 glass







- 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







- 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.A9.11.50 green IR 5 gold mirrored (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
- Polypropylene welding helmet with leather casing (608.02.00.02)
- 608.01.00.00 Frame: Lens: black no lens supplied





608.02.00.02 Frame: black Lens: no lens supplied



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





ACCESSORIES







Cotton neck cord with



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



Cotton neck cord

Cod. 023345

Microfiber pouch Cod. 2300072



Case with zip Cod. 2300062



Rigid case with zip Cod. 3AT029



Goggle case Cod. 3AT025



Univet Cleaning station Cod. 3QL002-



Univet cloth Cod. 3PA225



Anti-fog cleaner Cod. 4QL001-ASSEMB



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



Univet cleaning spray - 30ml Cod. 3QL004-







Customization

Customization 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 customization according to the guidelines of the individual client: from the customization of the single product to the completion of turnkey projects.

QUICK CUSTOMIZATION

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

HIGH VOLUMES CUSTOMIZATION

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

- Indelible laser-engraved personalization
- · Pad printed customization with one or two colours
- · Pad printed or embroidered personalization on elastic headbands
- Customised packaging





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.



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 specialized in the design and manufacture of industrial, medical, and laser safety evewear together with magnification systems devised for the surgical and dental sector.

Univet is the only Company in the world that can offer complete lines of magnification systems and safety evewear 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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