EYE PROTECTION
Univet is a world-class excellence in the eyewear design.

In 2015 Univet received the first prestigious Red Dot Award, for the 6X3 protection goggle, in the category “Industrial and Crafts”. Red Dot is one of the most renowned design awards in the world. In 2016 the second Red Dot Award came, with the Loupes “One,” in a different and much more competitive category: “Life Science and Medicine”.

In 2017 the third Red Dot running, as just eight other companies in the world, for Univet 5.0, the Safety smart-glasses incorporating the holographic technology from Sony. After three Red Dots, another important award: “One” also won the iF Design Award 2017, another international symbol of excellent design. Univet has received also two German Design Awards in 2018: a “Special Mention” for the Loupes One in the category “Medical, Rehabilitation and Health care” and “Winner” in the category “Industry” for the protective goggles 6X3, which has also won the award “New Product of the Year 2017” given by the magazine “Occupational Health and Safety”.

DESIGN IS:

- INNOVATIVE
- ICONIC
- DYNAMIC
- USEFUL
- POWERFUL
- AESTHETICS
Univet have always invested in Research and Development: since the early days most of the profit coming from being a subcontractor of the fashion eyewear, was reinvested in what became later the main product of the PPE industry. Because of this strategy the ARLab laboratory was a natural consequence, a laboratory with the aim of continuous innovation, with dedicated and specialized resources. The quality control and the tests required by the several international regulations, are performed in the in-house lab, even with dedicated equipment, specifically designed for the requirements. In the laboratory devices and materials, technologies and coatings are also developed, as well as new products, some of which are patented. Univet is a vertical and integrated company that, thanks to its extraordinary specialization, guarantees flexibility, customization and an ideal productive diversification in various sectors.

**APPLIED RESEARCH**

TECHNOLOGIES AND INNOVATION

- **SOFT PAD**
  A terminal designed for the maximum comfort and the total stability

- **SYLEX**
  A material which grants high safety and protection for the laser application

- **ZERONOISE**
  Temples with an original design for the perfect combination with earmuffs

- **NEXXT**
  It grants the best protection when combined with other PPE

- **BYOXENE**
  An innovative material for the sterilizable goggles

- **QUICK & SMOOTH**
  The elastic band for the immediate adjustments during critical operations
The Vanguard coatings overwhelmingly exceed the tests prescribed by the Safety Norms EN 166, due to their exceptional features: the lenses never fog up and never reach the saturation point, granting a visibility improvement also in critical conditions.

The Coatings Vanguard PLUS and Vanguard UDC have permanent properties even after several cleansing. They are ideal for an intensive and prolonged use even in difficult environments and dangerous work places.

Thanks to the Vanguard Technology the lenses never fog up as they never reach the saturation point, granting a visibility improvement also in critical conditions.

The Vanguard anti-scratch technology grants resistance to abrasion and therefore a longer duration and superior performance to the common anti-scratch coatings available on the market.

ANTI-FOG

VANGUARD

Anti-Fog and Anti-Scratch Technologies

The Vanguard coatings overwhelmingly exceed the tests prescribed by the Safety Norms EN 166, due to their exceptional features: the lenses never fog up and never reach the saturation point.

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FIND OUT MORE
The new Univet Clear RFL-X technology finds the best solution in the 5X1 model. A combination between perfect wearability and visual comfort, the ideal solution in case of artificial light or reflecting surfaces.

5X1 RFL-X

Completely over-spec on prescription glasses, wrap-around design and lightness for a total comfort. The 5X7 consists of a flat lens, thanks to the new Clear RFL-X anti-glare technology totally erases the light glares granting the maximum visual sharpness.

5X7 RFL-X

The new Univet Clear RFL-X technology grants the maximum visual quality: sharpness of the images, absence of fogging and comfort, to allow the best professional performance in total safety.

The anti-glare coating Clear RFL-X is a thin layer of metal oxides able to eliminate the residual light glares which have a negative impact on the sharpness of the perceived.

CLEAR RFL-X

Anti-glare Technology

NEVER GET BLINDED BY DISTRACTION

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The Polarized coating consists of a series of filters applied on the ophthalmic lens that modulates the light with the aim of cancelling the discomfort caused by the diffused light and by the light reflected from the surfaces.

POLAR-X FILTER

The lenses with the photochromic coating exposed to UV radiation start a chemical reversible reaction becoming dark.

Once the UV rays radiation disappears, the lenses gradually return at their initial state of transparency.

DYNAMI-X FILTER

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

POLAR-X & DYNAMI-X

5X9 SPORT

Run to work
Sporty design, style and quality characterise the lines of the Univet spectacles, which guarantee optimum comfort without putting pressure on the face. The maximum fitting for every user results from an accurate analysis based not only on the right choice of materials and design but also on ergonomics.
5X1

FEATURES

• Adjustment of temples in length and inclination with SoftPad technology
• Patented nose pad in anallergic rubber, with height adjustment
• Lens with FLD (Floating Lens Design) technology
• Fast interchangeable elastic band and lenses system
• Easy assembly of the rubber gasket

VERSIONS

<table>
<thead>
<tr>
<th>Frame</th>
<th>Lens</th>
<th>Field of use</th>
</tr>
</thead>
<tbody>
<tr>
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ADDITIONAL ACCESSORIES

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5X1 Total Versatility
5X3

FEATURES

- Exclusive Vanguard 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
- The spectacle fits the face without adjustments

VERSIONS

5X3.01.35.08
Frame: Black/Green
Lens: Clear

5X3.03.33.04
Frame: Black/Orange
Lens: Orange

5X3.03.35.09
Frame: Black/Orange
Lens: Amber

5X3.03.33.00
Frame: Black/Orange
Lens: Clear

5X3.12.35.02
Frame: Black/Green
Lens: Smoke FM

5X3.03.33.04
Frame: Black/Orange
Lens: Brown

5X3.03.35.50
Frame: Black/Green
Lens: Green IR3

5X3.03.33.00
Frame: Black/Orange
Lens: Green IR3

High Technology
5X4

FEATURES

• Extreme care of details and excellent ergonomics
• Spectacles rich in charm and maximum comfort
• Anallergic nose pad for comfort without slippage
• Wraparound lens design provides extra side coverage
• The exclusive painted frame confers elegance and style

VERSIONS

5X4.03.10.00
Frame: Black Painted
Lens: G15

5X4.03.40.00
Frame: Red Painted
Lens: Clear

5X4.13.10.00
Frame: Blue Painted
Lens: Clear FM

27 g
5X6

FEATURES

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

VERSIONS

<table>
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<td>In/Out</td>
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26 g

5X6

Sporty Design
5X7

FEATURES

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

VERSIONS

SK7.01.11.00
Frame: Black/Orange
Lens: Clear

SK7.01.00.00
Frame: Black/Orange
Lens: Amber

SK7.03.00.04
Frame: Black/Orange
Lens: Orange

SK7.01.11.00
Frame: Gunmetal/Green
Lens: Clear

SK7.03.11.00
Frame: Gunmetal/Green
Lens: Clear

SK7.01.11.02
Frame: Gunmetal/Green
Lens: Smoke

SK7.01.11.47
Frame: Gunmetal/Green
Lens: UVR

SK7.01.11.30
Frame: Gunmetal/Green
Lens: Green IR5

SK7.01.11.50
Frame: Gunmetal/Green
Lens: Green IR6

SK7.40.00.00
Frame: Black/Orange
Lens: Clear RFL-X

SK7.01.00.00
Frame: Black/Orange
Lens: Clear RFL-X

SK7.01.11.00
Frame: Gunmetal/Green
Lens: Green IR1.7

SK7.01.11.30
Frame: Gunmetal/Green
Lens: Green IR3

SK7.01.11.50
Frame: Gunmetal/Green
Lens: Green IR2.5

SK7.03.11.00
Frame: Gunmetal/Green
Lens: Clear

5X7 The Ultimate Overspec
5X8

FEATURES

- Adjustment of temples in length and inclination with SoftPad technology
- Over-moulded nose pad for comfort without pressure
- Winning and ergonomic line to adapt to all users
- Comfortable and light device, ideal for prolonged uses
- Integrated side-shields

VERSIONS

<table>
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<td>5X0.03.00.05</td>
<td>Gunmetal/Green</td>
<td>G15</td>
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</tbody>
</table>

Effective Protection
5X9

FEATURES

- Adjustment of temples in length and inclination with SoftPad technology
- Integrated side shields with ventilation system
- Clear lenses available in different materials
- Available version with Gasket and Elastic band
- Additional flip with protective filters for special applications

VERSIONS

5X9 01.11.00
Frame: Gunmetal/Orange
Lens: Clear PC

5X9 20.00.00
Frame: Gunmetal/Green
Lens: Clear Glass

ADDITIONAL ACCESSORIES

5X9R 00.17
Frame: Gunmetal/Grey
Lens: Green R1-7

5X9R 00.30
Frame: Gunmetal/Grey
Lens: Green R3

5X9R 00.40
Frame: Gunmetal/Grey
Lens: Green R4

5X9R 00.50
Frame: Gunmetal/Grey
Lens: Green R5

5X9R 20.42
Frame: Blue R4-5 Glass
Lens: Green R4

5X9R 20.47
Frame: Blue R4-5 Glass
Lens: UV

45 g (glass version) / 35 g (polycarbonate version)
5X9 SPORT

FEATURES

- Adjustment of temples in length and inclination with SoftPad technology
- Integrated side shields with ventilation system
- Available with different lens filters:
  - Mirror Green, maximum shield from solar rays together with an outstanding aesthetics
  - G15, protection from light for a natural vision with an optimal chromatic contrast
  - Polar-X - Smoke Polarized, drastically reduces the glares generated by glossy surfaces
  - Dynami-X - Photocromic, it gradually darkens or lightens depending on the intensity of the ambient light

VERSIONS

- 5X9.04.02.F9
  - Frame: Black/Green
  - Lens: Mirror-Mirror

- 5X9.01.02.F0
  - Frame: Black/Green
  - Lens: Dynami-X

- 5X9.03.02.P2
  - Frame: Black/Green
  - Lens: Polar-X

- 5X9.03.02.05
  - Frame: Black/Green
  - Lens: G15

5X9 SPORT
Sport Extreme
6X1

FEATURES

- Wide lens for a field of view without distortion
- Temples adjustable in length and inclination with SoftPad technology
- Soft internal rubber for comfort without local pressure
- Certified according to EN166 point 3 (droplets and splashes) and point 4 (large dust particles)
- Fast interchangeable temples with elastic band (elastic band included)

VERSIONS

6X1 00.00.00
Frame: Gunmetal/Green
Lens: Clear
Field of use: 3 4

5X0 03.02.20
Frame: Gunmetal/Green
Lens: Smoke
Field of use: 3 4

Elastic band and temples included in the package
505 UP

FEATURES

- 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
- Panoramic and encircling lens for a better side protection

VERSIONS

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24 g
506 UP

FEATURES

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

VERSIONS

<table>
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</table>
546

FEATURES

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

VERSIONS

546.01.42.00
Frame: Black/Orange
Lens: Clear

546.03.45.00
Frame: Black/Green
Lens: Clear

546.12.45.02
Frame: Black/Orange
Lens: Smoke FM

546.01.42.04
Frame: Black/Orange
Lens: Orange

546.03.42.04
Frame: Black/Orange
Lens: Orange

546.03.45.04
Frame: Black/Green
Lens: Clear

546.12.45.04
Frame: Black/Orange
Lens: Smoke FM

546
Perfectly Wraparound
553 ZERONOISE

FEATURES

- Wraparound model, guarantees optimal lateral protection
- Light and handy, made entirely in polycarbonate
- Temples with Zeronoise technology, designed for a perfect interaction with earmuffs
- Flexible and resistant Temples with reduced section
- Available in various filters for a wide range of applications

VERSIONS

553Z.01.00.00
Frame: Clear
Lens: Clear

553Z.01.01.03
Frame: Yellow
Lens: Yellow

553Z.01.02.05
Frame: G15
Lens: G15

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

Patented Univet technology for a perfect interaction with earmuffs
555

FEATURES

• It offers a wide coverage area
• Overmoulded temples made of non-slip rubber
• Lens available with Vanguard PLUS coating
• Integrated side-shields
• Eyebrow protection

VERSIONS

555 03.00.00
Frame: Black/Green
Lens: Clear

Perfect Coverage
The Univet goggles provide the wearer with a greater sense of security and allow 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.
6X1

FEATURES

- Wide lens for a field of view without distortion
- Temples adjustable in length and inclination with SoftPad technology
- Soft internal rubber for comfort without local pressure
- Certified according to EN166 point 3 (droplets and splashes) and point 4 (large dust particles)
- Fast interchangeable temples with elastic band (elastic band included)

VERSIONS

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

5X3.03.02.05
Frame: Gunmetal/Green
Lens: Smoke
Field of use: 3 4

Temples and elastic band included in the package.
**6X3**

**FEATURES**
- Exclusive Vanguard UDC coating
- Panoramic lens can be perfectly worn over prescription glasses
- Frame engineered to cushion the contact points on the face
- Additional facial support compatible with respiratory masks
- Protection that is designed to work seamlessly with half-masks

**VERSIONS**
- 6X3.00.00.00
  - Frame: Gunmetal/Green
  - Lens: Clear
  - Field of use: 3 4 9

- 6X3.00.00.00
  - Frame: Gunmetal/Green
  - Lens: Clear
  - Field of use: 3 4 9

**ADDITIONAL ACCESSORIES**
- 042.117
  - Spear Clear Lens

- 063.01.00
  - Facial support
  - Frame: Light Smoke/Green

- 603 Mask not included in the code
FEATURES

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

VERSIONS

<table>
<thead>
<tr>
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<th>Lens</th>
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ADDITIONAL ACCESSORIES

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<td>Smoke IR5</td>
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</table>

107 g (acetate version) / 123 g (polycarbonate version)
620 UP

FEATURES

- Can be worn over any prescription spectacles thanks to its spherical lens
- 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

VERSIONS

620U.02.10.00
Frame: Grey
Lens: Clear
Field of use: 3 4
625

FEATURES

- Extremely light and encircling
- Lens available with Vanguard PLUS coating
- Panoramic and encircling lens for a better side protection
- The adjustable headband and the soft frame effectively distribute the pressure on the face
- Certified according to EN166 point 3 (droplets and splashes) and point 4 (large dust particles)

VERSIONS

625.03.00.00
Frame: Grey/Clear
Lens: Clear
Field of use: 3-4

625.03.01.05
Frame: Grey/G15
Lens: G15
Field of use: 3-4

Lens available with Vanguard PLUS coating
Panoramic and encircling lens for a better side protection
Extremely light and encircling
The adjustable headband and the soft frame effectively distribute the pressure on the face
Certified according to EN166 point 3 (droplets and splashes) and point 4 (large dust particles)
Maximum practicality of use for the corrective glasses line, which presents light and comfortable frames provided with graduated lenses, allowing people having sight impairments to work in total safety. Univet corrective devices are identified as II class PPE and are certified according to EN 166 regulation. All models are tailored packaged according to every-user preferences and needs, maintaining “Made in Italy” style of Univet.
TECHNICAL

FEATURES

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

VERSIONS

Technology and Adjustment are present only on 5X1 RX and 5X9 models

5X1 RX
Caliber: 51 x 120-130
Frame: Dark grey/Green

5X1 RX small caliber
Caliber: 54 x 110-120
Frame: Eyeshade/Orange

5X1 RX big caliber
Caliber: 58 x 110-120
Frame: Eyeshade/Green

5X5
Caliber: 56 x 130
Frame: Black/Green
ESSENTIAL

FEATURES

Designed frames to give the maximum practicality of use for every user’s needs.

VERSIONS

530
Caliber: 54
Frame: Black

530 small caliber
Caliber: 56
Frame: Black/Grey

530 big caliber
Caliber: 59
Frame: Blue/Grey

541
Caliber: 54
Frame: Clear

Adjustment is present only on 530 model.
FEATURES

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

VERSIONS

<table>
<thead>
<tr>
<th>Version</th>
<th>Caliber</th>
<th>Frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>530.05</td>
<td>54</td>
<td>Metallic Light Blue/Black</td>
</tr>
<tr>
<td>530.06 small caliber</td>
<td>51</td>
<td>Metallic Grey/Black</td>
</tr>
<tr>
<td>530.06 big caliber</td>
<td>54</td>
<td>Metallic Grey/Black</td>
</tr>
<tr>
<td>530.07</td>
<td>50</td>
<td>Metallic Pink/Black</td>
</tr>
</tbody>
</table>

METAL
RX INSERT

FEATURES

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

VERSIONS

- 5X1.OP.00.00
  Application: 5X1
  Frame: Clear

- 601.OP.00.99
  Application: 601
  Frame: Clear

- 5110.00.99
  Application: 511
  Frame: Clear

- 601.00.99
  Application: 611
  Frame: Clear

- 1110052
  Application: 511 Clean Room
  Frame: Clear
ACCESSORIES

Accessories range includes additional tools for care and maintenance of your own eye safety devices.
ACCESSORIES

- Black cotton neck cord
  Cod. 023345

- Univet black neck cord with buckle
  Cod. 023346

- Black cotton neck cord
  Cod. 4PA144--ASSEMB-

- Microfiber cloth
  Cod. 3PA255

- Spandex Microfiber pouch
  Cod. 2300072UNIVET

- Goggle Microfiber pouch
  Cod. 3AT026

- Case with zip
  Cod. 2300062

- Bag Case with zip
  Cod. 3AT029

- Goggle case
  Cod. 3AT025

- Aleo-Fog cleaner
  Cod. 4QL001--ASSEMB-

- Univet Cleaning station
  Cod. 3QL002

- Univet cleaning tissue
  Pack of 24 pcs
  Cod. 3NL003

- Univet cleaning spray 30ml
  Cod. 3QL004-
Protecting your eyes is important and it is made possible thanks to the certified optical protection systems according to the current regulation. The certifications obtained are a result of research and technologies applied to our products.
On the basis of 89/686/EEC Directive, Personal Protective Equipment (PPE) shall mean any device or appliance designed to be worn or held by an individual to protect himself against one or more health and safety hazards, as well as any accessory or ensemble designed so as to be a component of a personal protective equipment.*

**EUROPEAN STANDARD ON PERSONAL EYE PROTECTION**

**SPECTACLE**

**EXAMPLE OF MARKING IDENTIFICATION ON THE LENS**

<table>
<thead>
<tr>
<th>Scale number (code number - shade number)*</th>
<th>Manufacturer (Univet)</th>
<th>Optical Class</th>
<th>Mechanical resistance</th>
<th>Optional requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3</td>
<td></td>
<td>FT</td>
<td>K N</td>
<td>CE</td>
</tr>
</tbody>
</table>

**EXAMPLE OF MARKING IDENTIFICATION ON THE FRAME**

<table>
<thead>
<tr>
<th>Manufacturer (Univet)</th>
<th>Standard re.</th>
<th>Field of use (where applicable)</th>
<th>Symbol for mechanical strength</th>
<th>Where applicable a symbol intended to identify that the article is aimed at small size head</th>
<th>Where applicable highest ocular scale number compatible with the frame</th>
</tr>
</thead>
<tbody>
<tr>
<td>U</td>
<td>EN166</td>
<td>FT</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GOGGLE**

**EXAMPLE OF MARKING IDENTIFICATION ON THE LENS**

<table>
<thead>
<tr>
<th>Scale number (code number - shade number)*</th>
<th>Manufacturer (Univet)</th>
<th>Optical Class</th>
<th>Mechanical resistance</th>
<th>Field of use</th>
<th>Optional requirement</th>
</tr>
</thead>
<tbody>
<tr>
<td>2C-1.2</td>
<td></td>
<td>U</td>
<td>1 FT</td>
<td>BT</td>
<td>9 K N</td>
</tr>
</tbody>
</table>

**EXAMPLE OF MARKING IDENTIFICATION ON THE FRAME**

<table>
<thead>
<tr>
<th>Manufacturer (Univet)</th>
<th>Standard re.</th>
<th>Field of use</th>
<th>Mechanical resistance</th>
<th>Filter compatible with the frame</th>
<th>Number identifying the Notified Body only for PPE belonging to Cat. III</th>
</tr>
</thead>
<tbody>
<tr>
<td>U</td>
<td>EN166</td>
<td>3 4 5 9 BT</td>
<td>2C-1.2</td>
<td>0068 CE</td>
<td></td>
</tr>
</tbody>
</table>

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

**Per maggiori informazioni in merito alle normative, consultare il catalogo generale Univet**

* The scale number for welding filters is only represented by the shade number
MEANINGS OF EN MARKING

PPE belonging to category II and III shall be tested and certified by an officially recognized European Notified Body. Product certification which demonstrate compliance to the requirements set by PPE directive 89/686/EEC might be based on the following European standards:

EN166 - Personal eye-protection specifications
EN175 - Equipment for eye and face protection during welding and allied processes

MEANINGS OF EN MARKING

Shade number and typical lens colours

<table>
<thead>
<tr>
<th>Shade number</th>
<th>Clear</th>
<th>VLT range</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2</td>
<td>Clear</td>
<td>100% - 74.4%</td>
</tr>
<tr>
<td>1.7</td>
<td>In/Out, yellow, clear mirrored, UVR</td>
<td>58.1% - 43.2%</td>
</tr>
<tr>
<td>2.6</td>
<td>Brown, smoke</td>
<td>29.1% - 17.6%</td>
</tr>
<tr>
<td>3.1</td>
<td>G15, smoke mirrored</td>
<td>17.8% - 8.0%</td>
</tr>
</tbody>
</table>

Welding products do not require a code number

OPTIONAL REQUIREMENTS - ADDITIONAL MARKINGS ON LENSES, VISORS AND OCULARS

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

FIELDS OF USE - ADDITIONAL MARKINGS WHICH CAN BE FOUND ON FRAME

<table>
<thead>
<tr>
<th>SYMBOL</th>
<th>DESIGNATION</th>
<th>DESCRIPTION OF THE FIELD OF USE</th>
<th>SPECTACLES</th>
<th>GOGGLES</th>
<th>FACE SHIELDS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1, 2, 3</td>
<td>Liquids</td>
<td>Liquids (droplets or splashes)</td>
<td>•</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>4, 5, 8</td>
<td>Gases and fine dust particles</td>
<td>Gases, vapours, sprays, smoke and dust with a particle size &gt; 5 μm</td>
<td>•</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Molten metals and hot solids</td>
<td>Splashes of molten metals and penetration of hot solids</td>
<td>•</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

OPTICAL CLASS

<table>
<thead>
<tr>
<th>Marking</th>
<th>Spherical refractive power m⁻¹</th>
<th>Astigmatic power m⁻¹</th>
<th>Difference in prismatic refractive power cm/m</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>± 0.06</td>
<td>0.06</td>
<td>horizontal base out</td>
</tr>
<tr>
<td>2</td>
<td>± 0.12</td>
<td>0.12</td>
<td>0.75</td>
</tr>
<tr>
<td>3</td>
<td>± 0.12 / - 0.25</td>
<td>0.25</td>
<td></td>
</tr>
</tbody>
</table>

PROTECTION AGAINST HIGH SPEED PARTICLES

<table>
<thead>
<tr>
<th>Mechanical resistance</th>
<th>Impact level</th>
<th>Impact speed</th>
<th>Diameter</th>
<th>Grams</th>
<th>Spectacles</th>
<th>Goggles</th>
<th>Face shields</th>
</tr>
</thead>
<tbody>
<tr>
<td>A (M)</td>
<td>High energy</td>
<td>190 m/s</td>
<td>φ 6 mm</td>
<td>0.88 gr</td>
<td>•</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>B (M)</td>
<td>Medium energy impact</td>
<td>120 m/s</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
</tr>
<tr>
<td>F (M)</td>
<td>Low energy</td>
<td>45 m/s</td>
<td>•</td>
<td>•</td>
<td>•</td>
<td></td>
<td>•</td>
</tr>
<tr>
<td>$</td>
<td>Increased robustness</td>
<td>5,1 m/s</td>
<td>φ 22 mm</td>
<td>43 gr</td>
<td>•</td>
<td>•</td>
<td>•</td>
</tr>
</tbody>
</table>

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

SPECTACLES

5X1 - pag. 14
5X3 - pag. 16
5X4 - pag. 18
5X6 - pag. 22
5X7 - pag. 22
5X8 - pag. 24
5X9 - pag. 26
5X9 SPORT - pag. 28
505 UP - pag. 32
555 - pag. 40

GOGGLES

6X1 - pag. 44
6X1 - pag. 46
601 - pag. 48
620 UP - pag. 50
625 - pag. 52

PRESCRIPTION GLASSES

TECHNICAL - pag. 56
ESSENTIAL - pag. 58
METAL - pag. 60
INSERTI RX - pag. 62
Univet revolutionizes the PPE market thanks to VisionAR, the first Augmented Reality optical protection system created for an industrial use.

www.univet.it/en/visionar