

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 solvents
 - Impact resistance marking F (45 m/s)

APPLICATIONS:
Chemical laboratories, painting, environment with high humidity

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



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: 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
VLT:
IR 1.7: 45%, IR 3: 16%
IR 4: 6%, IR 5: 2%,
IR 6: 0.6%, IR 7: 0.2%



BLUE 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-X The anti-reflection lens

- FEATURES:
- **Blocks luminous radiation depending on its polarization, stopping annoying 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: 5X9 SPORT

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



YELLOW The enhanced contrast lens

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

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

MODELS:
5X1, 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



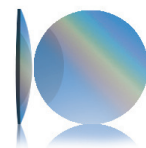
ORANGE The UV525 blocking lens

- 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



BLU SMART MIRROR 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



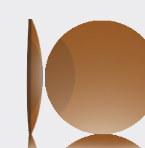
BROWN The linear protection lens

- 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



AMBER Intense Light Protection

- FEATURES:
- 100% protection against UV radiations
 - 100% protection against blue light (up to 530nm)
 - Perfect protection in bright sunlight
 - **Excellent protection against glare produced by intense light sources**

APPLICATIONS:
LED sources manufacturers (quality control), IPL (staff and patients), ophthalmology post-surgery, use of lamps emitting blue light: Wood's lamp, germicidal lamp

MODELS: 5X3, 5X7

STANDARDS: EN170
MARKING: 2-5
VLT: 1.7%
SUNGLASS EQUIVALENCE: -



IN/OUT The anti-glare clear lens

- FEATURES:
- Multilayer reflective coating deposited on the outer surface of the lens
 - **Protects against glare and provides high visibility in extreme conditions**

APPLICATIONS:
Fork lift truck, mechanical work, work with transition between dark and bright environments

MODELS: 5X1, 5X6, 5X7, 5X8, 553ZN

STANDARDS: EN166/EN170/EN172
MARKING: 2C-1.7/5-1.7
VLT: 55%
SUNGLASS EQUIVALENCE: Shade 1



G15 The natural vision solar lens

- FEATURES:
- **Solar Lens designed on the basis of the spectral luminous efficiency curve of the human eye**
 - Very relaxing
 - Perfect colour recognition (TSR)

APPLICATIONS:
Outdoor work, construction sites, road works, driving vehicles

MODELS: 5X1, 5X4, 5X6, 5X8, 5X9 SPORT, 506UP, 508, 553ZN

STANDARDS: EN166/EN170
MARKING: 2C-3/5-3.1
VLT: 15%
SUNGLASS EQUIVALENCE: Shade 3



UVR The global filter UV-IR-SUN

- FEATURES:
- 100% UV protection
 - Optimal protection against IR radiations
 - High VLT for good visibility in dark environments
 - Good colour recognition (TSR)
 - Solar protection

APPLICATIONS:
Glasswork, quality control, foundry, Artificial Optical Radiations (AOR)

MODELS: 5X7, 5X9, 539

STANDARDS: EN166/EN169/EN170/EN171/EN172
MARKING: 1.7/2C-1.7/4-1.7/6-1.7
VLT: 46%
SUNGLASS EQUIVALENCE: Shade 1

Lenses by Univet