

**uvex**



# uvex tactical

Professional protection  
for special forces

protecting people

uvex



MADE IN GERMANY 

**uvex apache safety spectacles boast maximum robustness, a modern, sporty design and the best wearer comfort.**

- Robust and lightweight safety spectacles with slim side arm geometry
- The soft non-slip nose piece ensures a perfect fit
- Suitable for prescription spectacle wearers due to the RX insert
- Mechanical strength FT tested in accordance with EN 166 and STANAG 2920/4296
- Tested in accordance with MIL-PRF-32432A



# Reliable eye protection for professional use

Special forces rely on first-class equipment for their operations all around the world, which gives them a crucial advantage. In particular, this includes effective eye protection that guarantees distortion-free vision and can adapt to many situations.



## uvex apache spec sets

Set includes uvex eyewear case, uvex microfibre cloth, uvex hang cord and replacement lenses in orange and 14% sun-protection in grey.



## uvex apache spec variomatic

Set includes uvex eyewear case, uvex microfibre cloth and uvex hang cord.



### uvex apache spec set

Art. no.	9112265
Colour	black
Coating	uvex supravision excellence
Standard	EN 166, EN 170, EN 172
STANAG	2920/4296
Frame	W 166 FT CE
Clear lens	UV400, 2C-1.2 W1 FTKN CE
Grey lens	UV400, 5-3.1 W1 FTKN CE
Orange lens	UV400, 2-1.4 W1 FTKN CE
Weight	30 g

### uvex apache spec set

Art. no.	9112266
Colour	stone-grey-olive
Coating	uvex supravision excellence
Standard	EN 166, EN 170, EN 172
STANAG	2920/4296
Frame	W 166 FT CE
Clear lens	UV400, 2C-1.2 W1 FTKN CE
Grey lens	UV400, 5-3.1 W1 FTKN CE
Orange lens	UV400, 2-1.4 W1 FTKN CE
Weight	30 g

### uvex apache spec variomatic

Art. no.	9112561
Colour	black
Coating	uvex supravision variomatic
Standard	EN 166, EN 170
STANAG	2920/4296
Frame	W 166 FT CE
Lens	UV400, 2-1.2 W1 FTKN CE, PC light green
Weight	30 g

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# uvex apache spec with laser protection

The easy availability of increasingly powerful and inexpensive laser pointers with a wide variety of wavelengths is increasingly endangering the safety of emergency services.



9112365



9112562



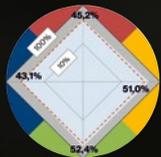
9112565

## uvex apache spec P1P19

### Protective effect P1P19

Wavelengths in nm	Protection levels	OD
785–800	DIRM LB2	2+
800–900	DIRM LB3	3+
1064	D LB6 + IR LB7	7+

### Transmission\*



- High infrared protection in accordance with EN 207
- Good colour vision and 50% daylight transmission

### uvex apache spec P1P19

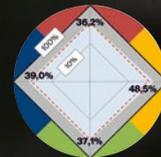
Art. no.	9112365
Coating	uvex supravision excellence
Standard	EN 166, EN 207
STANAG	2920/4296
Frame	black, W 166 FT CE
Lens	W1 FTKN CE, PC green
Weight	30 g

## uvex apache spec P1E21

### Protective effect P1E21

Wavelengths in nm (extract)	Protection levels	OD
>315–440	DIRM LB3	3+
>440–446	DIRM LB2	2+
522–534	DIRM LB1	1+
636–660	DIRM LB1	1+

### Transmission\*



- RGB filter in accordance with EN 207 with OD1+
- Good colour vision and 40% daylight transmission

### uvex apache spec P1E21

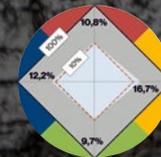
Art. no.	9112562
Coating	uvex supravision excellence
Standard	EN 166, EN 207
STANAG	2920/4296
Frame	black, W 166 FT CE
Lens	W1 FKN CE, PC green-brown
Weight	30 g

## uvex apache spec P1E24

### Protective effect P1E24

Wavelengths in nm (extract)	Protection levels	OD
>315–438	DIRM LB4	4+
>438–453	DIRM LB3	3+
522–533	DIRM LB4	4+
637–640	DIRM LB3	3+

### Transmission\*



- RGB filter in accordance with EN 207 with OD4+
- Good colour vision and 12% daylight transmission

### uvex apache spec P1E24

Art. no.	9112565
Coating	uvex supravision excellence
Standard	EN 166, EN 207
STANAG	2920/4296
Frame	black, W 166 FT CE
Lens	W1 FKN CE, PC, green-brown
Weight	30 g

uvex



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MADE IN GERMANY 

# Effective eye protection with optimal view



9310265



9310265

## uvex apache goggle set includes

- uvex eyewear bag
- uvex microfibre cloth
- Replacement lenses in orange and 14% sun-protection in grey



9320110

uvex megasonic tactical set including high-quality uvex eyewear hardcase and uvex microfibre cloth

## uvex apache goggle set



Can be combined with helmets



Extra-wide headband



RX insert

## uvex megasonic tactical



30 mm wide headband



Frameless design



Face seal foam

### uvex apache goggle set

Art. no.	9310265
Coating	uvex supravision excellence
Standard	EN 166, EN 170, EN 172
STANAG	2920/4296
Frame	black, W 166 34 BT CE
Clear lens	UV400, 2C-1.2 W1 BTKN CE
Grey lens	UV400, 5-3.1 W1 BTKN CE
Orange lens	UV400, 2-1.4 W1 BTKN CE
Weight	120 g

- Robust goggles with flame-retardant headband
- Can be combined with conventional combat helmets and earmuffs
- Mechanical strength BT tested in accordance with EN 166 and STANAG 2920/4296.
- Also suitable for prescription spectacle wearers due to the RX insert
- Completely distortion-free lenses
- Proven uvex supravision coating technology

### uvex megasonic tactical

Art. no.	9320110
Coating	uvex supravision excellence
Standard	EN 166, EN 170
STANAG	2920/4296
Frame	black, W 166 34 BT CE
Lens	PC clear, UV400, 2C-1.2 W1 BTKN CE
Weight	95 g

- Revolutionary goggles with maximum field of vision
- Unique frameless lens design
- OTG compatible with frame recess for side arms
- Flexible frame with face seal foam for maximum wearer comfort
- 30mm wide headband with silicone coating on the inside of the band for non-slip grip, can also be used in combination with helmets, for example
- Can easily be combined with other items of PPE
- Tested in accordance with STANAG 2920/4296
- Proven uvex supravision coating technology

## uvex i-3 tactical set



9190027

### uvex i-3 tactical set includes

- uvex eyewear case
- uvex microfibre cloth
- uvex hang cord
- Replacement lenses in orange and 14% sun-protection in grey



### uvex i-3 tactical set

<b>Art. no.</b>	9190027
<b>Coating</b>	uvex supravision excellence
<b>Standard</b>	EN 166, EN 170, EN 172
<b>STANAG</b>	2920/4296
<b>Frame</b>	black, anthracite, W 166 FT CE
<b>Clear lens</b>	UV400, 2C-1.2 W1 FTKN CE
<b>Grey lens</b>	UV400, 5-3.1 W1 FTKN CE
<b>Orange lens</b>	UV400, 5-1.4 W1 FTKN CE
<b>Weight</b>	30 g

- Adjustable, multi-feature premium-quality safety spectacles
- The combination of padding around the forehead and ergonomically shaped side arms with soft ear-pieces ensures a comfortable and secure fit without creating pressure points
- Multi-stage adjustable side arms allow for a high degree of customisation
- Soft, adjustable nose piece for a non-slip and pressure-free fit
- Robust polycarbonate lenses with uvex's proven supravision coating technology
- UV400 – 100% protection against dangerous UVA and UVB radiation up to 400 nm
- Tested in accordance with STANAG 2920/4296
- Optional extra frame provides greater protection against particles, dust and dirt

## uvex pheos cx2 tactical



9198268

### uvex pheos cx2 tactical

<b>Art. no.</b>	9198268
<b>Coating</b>	uvex supravision extreme
<b>Standard</b>	EN 166, EN 170
<b>STANAG</b>	2920/4296
<b>Frame</b>	black, W 166 FT CE
<b>Lens</b>	PC clear, UV400, 2C-1.2 W1 FTKN CE
<b>Weight</b>	28 g

- Sporty-looking safety spectacles with high wearer acceptance
- x-tended eyeshield: soft-seal frame technology wraps around the forehead providing protection from particle ingress
- Ergonomically shaped side arms with soft ear-pieces provide a comfortable, secure fit without pressure points
- Soft, flexible nose piece for a non-slip and pressure-free fit
- Robust polycarbonate lens with uvex's proven supravision coating technology
- UV400 – 100% protection against dangerous UVA and UVB radiation up to 400 nm
- Tested in accordance with STANAG 2920/4296
- Tested in accordance with MIL-PRF-32432A

## uvex super f OTG tactical



9269110

### uvex super f OTG tactical

<b>Art. no.</b>	9269110
<b>Coating</b>	uvex supravision excellence
<b>Standard</b>	EN 166, EN 170
<b>STANAG</b>	2920/4296
<b>Frame</b>	black, W 166 FT CE
<b>Lens</b>	PC clear, UV400, 2C-1.2 W1 FTKN CE
<b>Weight</b>	38 g

- Classic overspecs for prescription spectacle wearers with a flat lens design for a wide field of vision, designed for maximum wearer acceptance
- Soft ear-pieces for a comfortable, secure fit without creating pressure points
- Anatomically shaped nose piece designed for all-day wearer comfort
- Robust polycarbonate lens with uvex's proven supravision coating technology
- UV400 – 100% protection against dangerous UV radiation up to 400 nm
- Tested in accordance with STANAG 2920/4296

MADE IN GERMANY 

# uvex supravision®

## uvex coating expertise

The innovative uvex supravision technology is our core competency when it comes to eye protection. This type of coating allows the lens to be coated differently on both sides. For example, the inside of the lens can be coated with a durable anti-fog coating and the outside of the lens, which is susceptible to dirt and scratches, can be coated with an extremely scratch-resistant coating. In addition, the outside of the lens on our safety eyewear is chemical-resistant and easy-to-clean, offering an extremely long service life.



Detailed information  
[uvex-safety.com/en/uvex-coating-expertise/](http://uvex-safety.com/en/uvex-coating-expertise/)

### uvex supravision excellence

interior	performance	exterior
▲▲▲▲	anti-fog	△△△△
▲▲▲△	anti-scratch	▲▲▲▲

- Unique dual-action permanent anti-fog coating on the interior of the lens and a scratch-resistant hard coating on the exterior. This allows each coating to perform at maximum efficiency.
- Extremely scratch-resistant and chemical-resistant on the outside of the lens with non-stick, easy to clean technology
- Long lasting anti-fog performance on the inside
- Anti-fog performance will not diminish even after repeated cleaning
- Suitable for a wide range of workplaces

### uvex supravision extreme

interior	performance	exterior
▲▲▲▲	anti-fog	△△△△
▲▲△△	anti-scratch	▲▲▲▲

- Interior:**
- Durable, permanent anti-fog performance
  - Coating forms a thin veil of water without impairing vision
- Exterior:**
- Extremely scratch-resistant, chemical-resistant and easy to clean
- Areas of application:**
- Prolonged exposure to high risk of fogging and dirt

### uvex supravision variomatic

interior	performance	exterior
▲▲▲△	anti-fog	△△△△
▲▲▲△	anti-scratch	▲▲▲▲

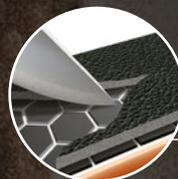
- Self-tinting coating that darkens when exposed to UV. Benefits from highly effective anti-fog performance inside, extremely scratch-resistant on the outside.
- Self-tinting coating:**
- Automatically darkens within 10 sec. and lightens within 30 sec.
- Areas of application:**
- Frequent moves between indoor and outdoor environments or light and dark workspaces

# SuperFabric®

## A cut above

SuperFabric® brand material simultaneously incorporates a variety of protective fabric functions that no other known fabric can simulate. It's engineered for optimum resistance to abrasions, lacerations, punctures and more – without sacrificing dexterity.

**5**  
times more  
cut resistant  
than traditional HPPE glass  
fibre and other knitted  
technologies



SuperFabric® brand materials provide ISEA/ANSI level A6-A9 cut resistance and exceed CE Level 5 cut resistance. It delivers cut protection above level F in the new European ISO 13997 cut test method.

### Ultra cut and puncture resistance

SuperFabric® guard plates act as a shield from sharp and pointed hazards such as blades, razors, glass and wood. The plates are engineered to deflect and block hazards by limiting the space between them.



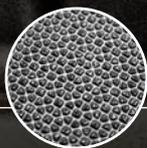
SuperFabric® guard plates deliver needlestick resistance level 4 and 5 according to the ASTM F2878 hypodermic needle puncture test.

### Industry leading needle resistance

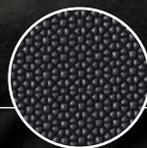
Multiple layers of SuperFabric® guard plates block and deflect needle hazards or trap and arrest them in the small gaps found between guardplates.



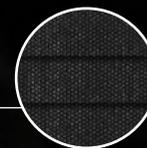
**Detailed information**  
[uvex-safety.com/en/hexarmor-gloves/technology/superfabric/](http://uvex-safety.com/en/hexarmor-gloves/technology/superfabric/)



**HA607 is the highest cut SuperFabric® material available.** It incorporates a single layer construction with cotton material underneath. Cotton substrate gives wearers the best feeling material on their hand while also being the most flexible and soft, allowing employees the highest level of comfort.



**HA603R SuperFabric® brand material offers both high cut and high blunt puncture resistance.** Tightly woven polyester provides a strong base for the SuperFabric® guard plates, which gives the material maximum burst strength while also providing high cut resistance.



**HA110 SuperFabric® brand materials offer exceptional needlestick protection (when layered) and high cut protection.** Needlestick protection is only available when layered due to the geometry and offsetting of the guard plates on the material – also providing cut protection ANSI/ISEA level A7 to A9.

## HexArmor® PointGuard® Ultra 4045



60005

### HexArmor® PointGuard® Ultra 4045

Art. no.	60005
Standard	EN 388: 2016 (4 X 2 2 F)
Colour	black
Sizes	6/XS to 12/3XL

EN 388:2016



4 X 2 2 F

#### SuperFabric® protection\*



2 layers SuperFabric® protection  
SuperFabric® Protection area

- SuperFabric® brand material\* offers industry-leading needlestick resistance (in the reinforced areas)
- Back-of-hand knuckle padding for lightweight protection against impacts
- Silicone pattern palm grip for enhanced grip
- Neoprene cuff with hook-and-loop fastening

ANSI/ISEA cut protection level	Grammage	Puncture protection in accordance with ANSI/ISEA	Needlestick protection	Newton
<b>A7</b>	<b>4321</b>	<b>3</b>	<b>LEVEL 2</b> SuperFabric®	<b>5.284</b> SuperFabric®
			<b>LEVEL 3</b> 2 layers SuperFabric®	<b>6.9</b> 2 layers SuperFabric®



Hook-and-loop fastening



Grip

## HexArmor® HexBlue™ 2137



### HexArmor® HexBlue™ 2137

Art. no.	tbd
Standard	EN 388 PENDING
Colour	black
Sizes	6/XS to 11/XXL

#### SuperFabric® protection\*



SuperFabric® Protection area

- SuperFabric® brand materials\* provides industry leading cut and needlestick resistance (interior layer)
- Thin 0.6 – 0.8 mm goatskin leather palm for ultimate durability, dexterity, and comfort
- Comfortable all-day use with breathable back-of-hand material
- Reinforced thumb and index finger for added durability
- Touchscreen-compatible
- Highly dexterous fit with form-fitting, quality materials

ANSI/ISEA cut protection level	Grammage	Puncture protection in accordance with ANSI/ISEA	Needlestick protection	Newton
<b>A6</b>	<b>3025</b>	<b>2</b>	<b>LEVEL 2</b> SuperFabric®	<b>4.0</b> SuperFabric®



Quality materials



Reinforced thumb and index finger

## HexArmor® Helix® 3003



60665

### HexArmor® Helix® 3003

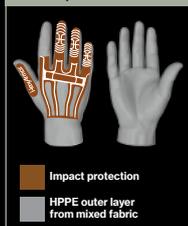
Art. no.	60665
Standard	EN 388: 2016 (4 X 4 2 D P) EN 407 (X 1 X X X X)
Colour	black
Sizes	7/S to 11/XXL

EN 388:2016



4 X 4 2 D P

#### IR-X® Impact Exoskeleton



Impact protection  
HPPE outer layer from mixed fabric

- High-flex design
- Reinforced thumb crotch
- Elasticated cuff with hook-and-loop fastening
- Index finger without shock protection for increased dexterity (e.g. handling a weapon)

Puncture protection in accordance with ANSI/ISEA

**3**



IR-X® Impact Exoskeleton™



Reinforcement on the thumb crotch

## HexArmor® HexBlue™ 2132



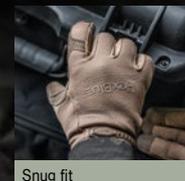
Stealth  
60701

Coyote  
60702

- Synthetic leather palm provides abrasion resistance and strong grip in dry or slightly oily situations
- Comfortable, breathable back of the hand with a neutral colouring for better camouflage
- Adjustable TPR hook-and-loop fastening for a secure fit
- Pull strap
- Touchscreen capability
- Very snug fit thanks to form-fitting, high-quality materials
- Washable/easily decontaminated



Breathable



Snug fit

### HexArmor® HexBlue™ 2132

Art. no.	60701	60702
Standard	EN 388: 2016 (2 1 2 1 X)	EN 388: 2016 (2 1 2 1 X)
Colour	stealth	coyote
Sizes	7/S to 12/XXL	7/S to 12/XXL

EN 388:2016



2 1 2 1 X

Puncture protection in accordance with ANSI/ISEA

2

# Reduce injuries to a minimum

HexArmor® puncture-resistant products use several layers of SuperFabric® brand material that do not restrict mobility or breathability.



## HexArmor® Hercules® 400R6EU



60548

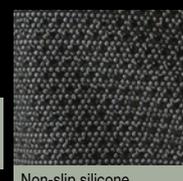
SuperFabric® protection\*



- SuperFabric®\*\* brand materials for industry-leading cut protection
- Silicone gripping surface on the palm for improved grip
- Pre-curved shape for maximum comfort and dexterity
- Gauntlet
- Puncture protection from wires, metal, wood and glass
- Suitable for handling animals
- Washable



SuperFabric® protection\*



Non-slip silicone

### HexArmor® Hercules® 400R6EU

Art. no.	60548
Standard	EN 388: 2016 (4 X 3 4 F)
Colour	black
Sizes	8/M to 12/XXL

EN 388:2016



4 X 3 4 F

ANSI/ISEA cut protection level

A9

Puncture protection in accordance with ANSI/ISEA

5

\* SuperFabric® is a registered trademark of HDM, Inc.

# uvex



# uvex tactical

Always ready for action

## uvex tactical eyewear

9112265	uvex apache spec set black
9112266	uvex apache spec set stone-grey-olive
9112561	uvex apache spec variomatic
9112365	uvex apache spec P1P19
9112562	uvex apache spec P1E21
9112565	uvex apache spec P1E24
9310265	uvex apache goggle set
9320110	uvex megasonic tactical
9190027	uvex i-3 tactical set
9198268	uvex pheos cx2 tactical
9269110	uvex super f OTG tactical

## HexArmor® tactical gloves

60005	HexArmor® PointGuard® Ultra 4045
tbd	HexArmor® HEXBLUE™ 2137
60665	HexArmor® Helix® 3003
60701	HexArmor® HEXBLUE™ 2132 stealth
60702	HexArmor® HEXBLUE™ 2132 coyote
60548	HexArmor® Hercules® 400R6EU

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protecting people

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