

SCHUBERTH.

Helmet range.

2024



SCHUBERTH

**RESIST THE
EXTREME.**

With perfect protection.

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WE ARE SCHUBERTH.



THERE IS A PIECE OF FORMULA 1 IN EVERY SCHUBERTH HELMET.

Years of experience from the premier class of motor-sport and its highest demands on safety have shaped our philosophy and are incorporated into the development of every SCHUBERTH safety helmet. We promise not just to meet standard specifications, but to exceed them. Our engineers are constantly researching new materials and processes in order to live up to our mission statement: developing the helmets of tomorrow for the hardest jobs.

EXPERTS IN HEAD PROTECTION.



Wherever and whenever effective head protection is required at work, SCHUBERTH helmets are the first choice. With over a hundred years' expertise and experience in the development and production of safety helmets, SCHUBERTH sets standards in terms of safety, product reliability and comfort. SCHUBERTH helmets guarantee outstanding protective properties – even under extreme working conditions. Because safety is not negotiable.

SCHUBERTH COMFORT.

PUT OUR COMFORT TO THE TEST

SCHUBERTH safety helmets are known for their exceptional comfort and are appreciated by anyone who has to wear them for everyday work. With our innovative technology and high-quality materials, we offer you helmets that not only guarantee optimum protection, but are also comfortable to wear.

Thanks to our tried-and-tested fit and the various configuration options, you can adjust the helmets perfectly to your needs. This ensures a secure and comfortable fit, without pressure points or annoying slipping. Whether you wear your helmet under or above ground, onshore or offshore, it stays in place while allowing you complete freedom of movement. Height-adjustable linings come as standard for many of our helmet models, and extensive accessories offer you further wearing options.

So that you can keep a cool head during your work as well, we can, for example, equip all our thermoset helmets with ventilation openings that ensure optimum air circulation.

Our safety helmets meet the highest safety standards and offer you reliable head protection. So you can concentrate fully on your mission without having to compromise.

Discover our safety helmets with their incomparable comfort now, and set to work feeling safe and secure. Put us to the test and challenge our safety helmets in extensive wear trials.







MATERIALS SCIENCE.



THERMOPLASTICS

Thermoplastic materials are plastics that can be brought into a plastic state at certain temperatures and then deformed using various methods. The deformation process is a purely physical one. The plastic is in the form of granules or powder.

PE (polyethylene) / PP (polypropylene)

The pre-coloured thermoplastic material is moulded into the desired helmet shell shape in an injection mould while it's in the heat-generated plastic state. The material contains a UV stabiliser and is available as granules.

ABS (ABS copolymer)

Thermoplastic ABS copolymer with high abrasion resistance. The material contains a UV stabiliser and is available as granules. Heat is used to transform it into a plastic state and it is then moulded into the desired helmet shell shape in an injection mould.



THERMOSET

Thermoset plastics consist of several components and are cured under high pressure and heat in a moulding process. Curing is a chemical reaction in which the plastic reaches its final strength.

UP-GF (glass fibre polyester synthetic resin)

Thermoset material. Pre-coloured glass fibre/polyester composite chemically cured under heat and pressure to form the helmet dome. High dimensional stability in heat.

PF-SF (fabric-phenolic synthetic resin)

Thermoset material. Textile fibre reinforced synthetic resin chemically cured under heat and pressure to form a helmet dome, natural yellow-brown colour. High dimensional stability in heat.

Linings for thermoset helmets

The thermoset helmets are available with two different linings:

GW-R

The heat-resistant lining I/79 GW-R is attached to the helmet shell with aluminum rivets. Safety helmets with this type of lining are marked +150°C.

GD-R

The I/79 GD-R lining is attached to the helmet shell with plastic retaining arms. Safety helmets with this type of interior are tested for temperatures down to -30°C.

DEFINITIONS.

STANDARDS

EN 397

This standard specifies the requirements for the protective function of industrial safety helmets.

A safety helmet according to EN 397 has passed all required test procedures for horizontal impact absorption and penetration resistance and this protects the wearer from falling objects, other mechanical impacts to the head and their health consequences.

EN 50365

This standard specifies the requirements for the protective function of electrically insulating helmets.

A safety helmet according to EN 50365 provides protection against alternating voltage up to 1000 V (AC) and direct voltage up to 1500 V (DC), protects the wearer against electric shocks and prevents the electrical current from going through the human body via the head. In addition, EN 50365 standard helmets also meet all the requirements of EN 397.

EN 60079-32-2

This standard specifies the discharge capability of safety helmets. Helmets with the additional test and approval in accordance with EN 60079-32-2 are electrostatically safe and can be used in potentially explosive atmospheres of defined explosion groups.

EN 812

This standard specifies the requirements for the protective function of bump caps.

A bump cap in accordance with EN 812 has passed all the required test procedures for shock absorption capacity, penetration resistance and guaranteed fit and protects against impact with hard and stationary objects.

EN 166

This standard specifies the requirements for personal eye and face protection including aspects such as optical clarity, impact resistance and resistance to various types of hazards. Another aspect of EN 166 is to categorise the refractive powers of the protective eyewear.

EN 170

This standard specifies the requirements for personal eye and face protection. EN 170 ensures that work can be carried out safely even when exposed to ultraviolet radiation.

GS-ET-29

This standard specifies the additional requirements for the protective function of an electrician's face shield when working with the risk of an arc fault.

EYE & FACE PROTECTION

Eye protection

If your risk assessment shows that eye injuries are likely, employees must be provided with suitable eye protection. This can be a separate pair of safety goggles or an integrated eye protection visor in safety helmets.

Face protection

If your risk assessment shows that the entire face or large parts of it are at risk of injury, the personal protective equipment (PPE) must be supplemented with effective and suitable face protection. Here visors and shields are the right choice.

OPTICAL CLASS

Optical class 1

Optical class 1 refers to the utmost lack of distortion and best optical quality for products. PPE in this class provides a clear, distortion-free view.

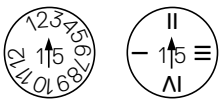
Optical class 2

Optical Class 2 has a lower optical quality than Optical Class 1.

PPE in this class may have minor distortions or optical imperfections, but still provide sufficient protection for the wearer's eyes.

MANUFACTURING DATE

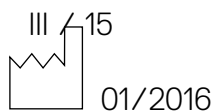
The following markings are located on the underside of the helmet shield:



month / quarter

Number in the middle = Year of manufacture

Numbers outside = Months / quarters with arrow pointing to manufacturing



Example of quarter and year of manufacture

Example of production month and year (January 2016)

Note:

Example marking after the PPE Regulation (EU) 2016/425 comes into force:
<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=CELEX%3A32016R0425>



CUSTOMISATION.

COLOUR MATCHING

In addition to the SCHUBERTH standard colours, it is also possible to choose the colour of the helmet shell according to your company's branding. For thermoset helmet shells, you can choose between metallisation and special painting. Thermoplastic helmet shells can be supplied in other colours.

Metallisation

We offer an optional metallised coating for SCHUBERTH thermoset helmets. Particularly if the helmets are used in hot workplaces, this ensures additional heat reflection and a more comfortable climate inside the helmet.

Special painting

Thermoset helmet shells can be provided with a kiln-fired special painting. This is often used on the natural-coloured PF-SF helmet models (BEN, BEN R and BEN 74 R) because of their very even surface. The UP-GF helmets BOP, BOP R and BOP 74 R can also be painted in special colours at the customer's request. The helmets can only be painted in RAL colours.

LOGO IMPRINT

SCHUBERTH also offers you the option of adding logos to the helmets using various processes.

Tampon printing

The tampon printing process is a colour application process for all SCHUBERTH safety helmets. Here, the marking colour is applied to the helmet surface using a previously created cliché. This printing process ensures a permanent and durable marking, possible in 4 colours.

Stickers

The respective stickers can be requested from SCHUBERTH or can also be provided directly by the customer and applied. The only thing to bear in mind here is that only labels for use on helmets made of ABS copolymer must have an ABS-compatible adhesive. Consult the adhesive film manufacturer if necessary. The size of the stickers depends on the helmet shape because of its curvatures.

FRONT	SIDE	BACK	HELMET MODELS
2.3 x 3 cm	9 x 3 cm	-	BES / ABS, Antistatics, BOP, BOP S Pro, BOP R, BEN, BEN R, BOP Energy 3000, Climbing helmet
4.5 x 4.5 cm	9 x 3 cm	-	MasterGuard, BER 80 Glowshield, Bump cap, PE cap
5 x 5 cm	9 x 2.5 cm	3 x 3 cm	EuroGuard, EuroGuard V+
-	9 x 3 cm	-	Miner's helmet, Miner's helmet antistatic
4 x 4 cm	9 x 3 cm	-	BOP 74 R, SUP, BEN 74 R
4 x 4 cm or 5 x 3 cm	7 x 15 cm	-	Cross®Guard, Cross®Up, Cross®Electric, Cross®Up-E

DECLARATION OF SIGNS.



Electrical insulation according to EN 50365

For use when working under voltage or in the vicinity of live parts up to AC 1000 V and DC 1500 V.



Electrical insulation according to EN 397

Protection against short-term, unintentional contact with live conductors with AC voltage up to 440 volts.



Antistatic dissipative according to EN 60079-32-2

Electrostatically safe and is suitable for intended use in potentially explosive atmospheres in all zones for explosion groups I and II - A.



Protection up to +150°C according to EN 397

For use when working at high ambient temperatures (e.g. blast furnace).



Protection against metal splashes according to EN 397

For use when working with molten metal.



Protective property against lateral deformation according to EN 397

Increased lateral stiffness for use where there is a risk of high lateral stress.



Protective property down to -30°C according to EN 397

For use at very low temperatures (e.g. in cold stores).



Protective property down to -20°C according to EN 397

For use at low temperatures (e.g. outdoors in severe cold).



Marking of bump caps according to EN 812

For use at very low temperatures (e.g. in cold stores).



Protection against arc flashes according to GS-ET 29

Class 1 arc fault protection



Area of application STEEL

Helmets: BOP, BOP R, BOP 74 R, BOP S PRO, SUP, BEN, BEN R, BEN 74 R



Area of application CHEMISTRY, OIL, GAS

Helmets: Cross@Up, Cross@Guard, BES/ABS, Antistatics, BOP, BOP R, BOP 74 R, BOP S PRO, SUP, BEN, BEN R, BEN 74 R



Area of application ENERGY

Helmets: BOP Energy 3000, Cross@Up-E, Cross@Electric



Area of application MINING

Helmets: Mine rescue helmet, Miner's helmet, Miner's helmet antistatic



Area of application CONSTRUCTION AND CIVIL ENGINEERING

Helmets: Cross@Up, Cross@Guard, EuroGuard, MasterGuard



Area of application FORESTRY

Helmet: EuroGuard V+





STEEL.

Setting standards.

Particularly in hot environments, e.g. when working with a furnace, on rolling lines or in foandries, the right protection is essential. We set the standards here! That's why only thermoset materials are used for these special SCHUBERTH helmets. The advantages lie in their resistance to extreme temperatures, chemicals and mechanical stress. In addition, these helmets impress with their dimensional stability when exposed to heat, low thermal transfer and a long service life of up to ten years.



THERMO
SET



BOP

BOP R

BOP 74 R

BOP S PRO

SUP

BEN

BEN R

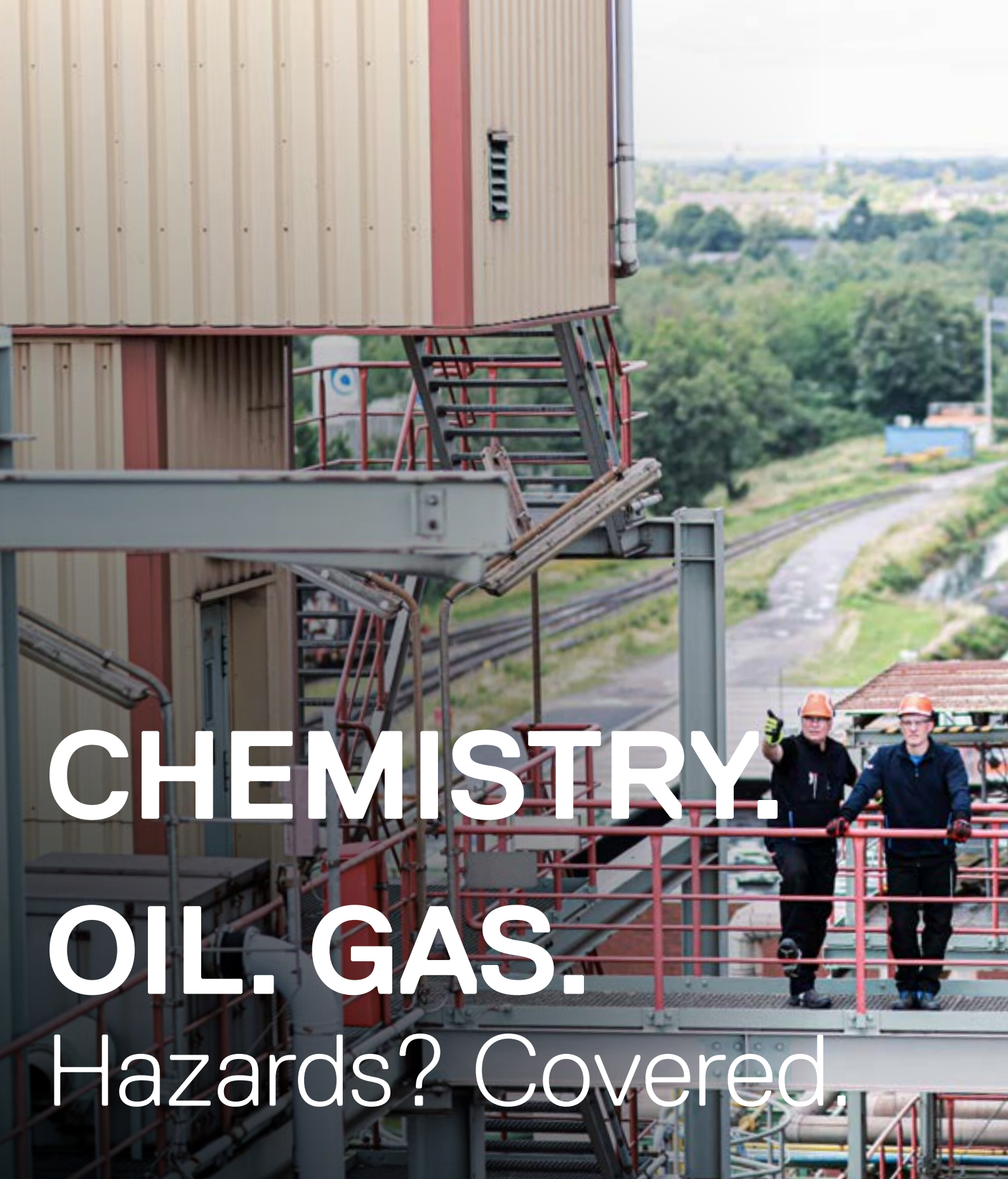
BEN 74 R

**BER 80
GLOWSHIELD**

This photo-luminescent helmet
is suitable as a visitor helmet.

APPLICATION

- Hot work
- Chemical sector
- Workplaces with high UV exposure
- Workplaces with high and varied protection requirements
- High-performance all-round helmets
- Oil sector
- Shipyards



For chemical and petrochemical areas, SCHUBERTH offers several high-performance alternatives, all of which are characterised by excellent protective properties and high chemical resistance. Each helmet's respective performance capabilities also enable it to optimally correspond to the protection requirements for each specific area of use – even for use in potentially explosive atmospheres.



THERMO
SET

THERMO
PLASTICS



CROSS®UP
CROSS®GUARD
BES/ABS
ANTISTATICS
BOP
BOP R
BOP 74 R
BOP S PRO
SUP
BEN
BEN R
BEN 74 R

BER 80 GLOWSHIELD

This photo-luminescent helmet
is suitable as a visitor helmet.

APPLICATION

- Cold work
- Chemical and petrochemical industry
- Assembly work in ESD areas
- Assembly work



ENERGY. Safety energized.

For increased safety when working under voltage, SCHUBERTH offers a range of helmets which, when supplemented with additional protective visors, prevent injuries caused by electrical discharges. The products comply with the relevant standards such as DIN EN 50365 or GS-ET-29 and thus offer the required protection.



THERMO
SET

THERMO
PLASTICS



**BOP ENERGY
3000**

CROSS®ELECTRIC

CROSS®UP-E

APPLICATION

- Energy supplier
- Public utilities
- Power companies
- Railway companies
- Electrician's work



MINING.

Rock solid protection.

The mining helmets from SCHUBERTH impress with their high abrasion resistance and excellent protective properties. The lining comes in two versions: with comfortable textile banding or Impact Tube technology. In addition, the lining is equipped with the special flame-retardant padded strips as standard, which ensures improved force absorption in the event of lateral and frontal impact. A standard lamp holder and cable loop complete the range.



THERMO
SET

THERMO
PLASTICS



MINER'S HELMET

MINER'S HELMET ANTISTATIC

MINE RESCUE HELMET

BER 80 GLOWSHIELD

This photo-luminescent helmet is suitable as a visitor helmet.

APPLICATION

- Mining
- Opencast mining
- Underground work
- Mining rescue



CONSTRUCTION & CIVIL ENGINEERING. Construction shielded.

SCHUBERTH construction helmets are tailored to the needs of construction professionals working in challenging environments. Thermoplastic helmets are very robust. Their resistant material absorbs impact forces, effectively protecting you from shocks and mechanical impacts. Whether on a large construction site or a smaller project, our construction helmets meet the highest industry standards.



THERMO
PLASTICS



CROSS®UP

CROSS®GUARD

EUROGUARD

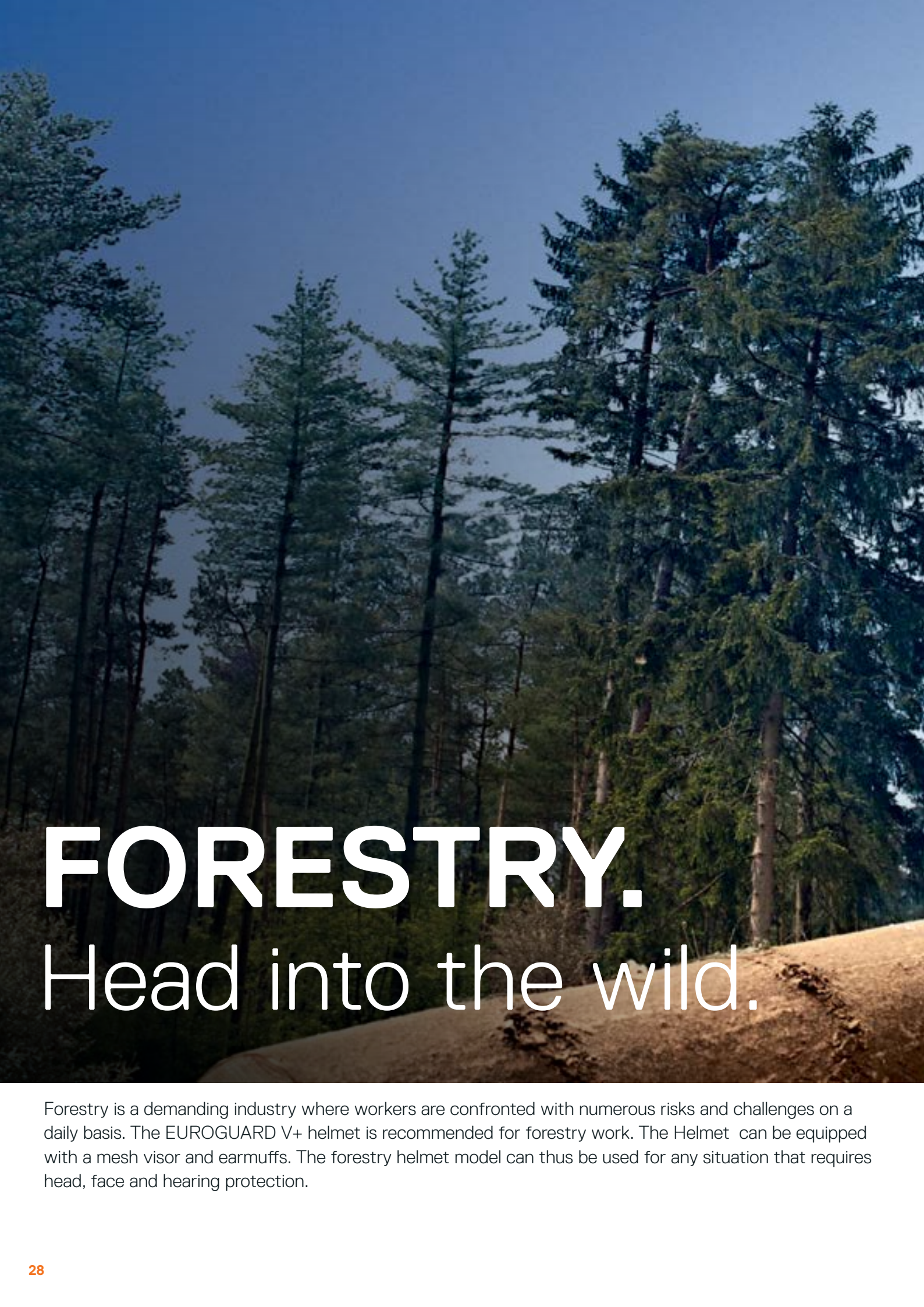
MASTERGUARD

BER 80 GLOWSHIELD

This photo-luminescent helmet is suitable for use as a helmet in dark areas (e.g. nighttime construction work).

APPLICATION

- Main construction trade



FORESTRY.

Head into the wild.

Forestry is a demanding industry where workers are confronted with numerous risks and challenges on a daily basis. The EUROGUARD V+ helmet is recommended for forestry work. The Helmet can be equipped with a mesh visor and earmuffs. The forestry helmet model can thus be used for any situation that requires head, face and hearing protection.



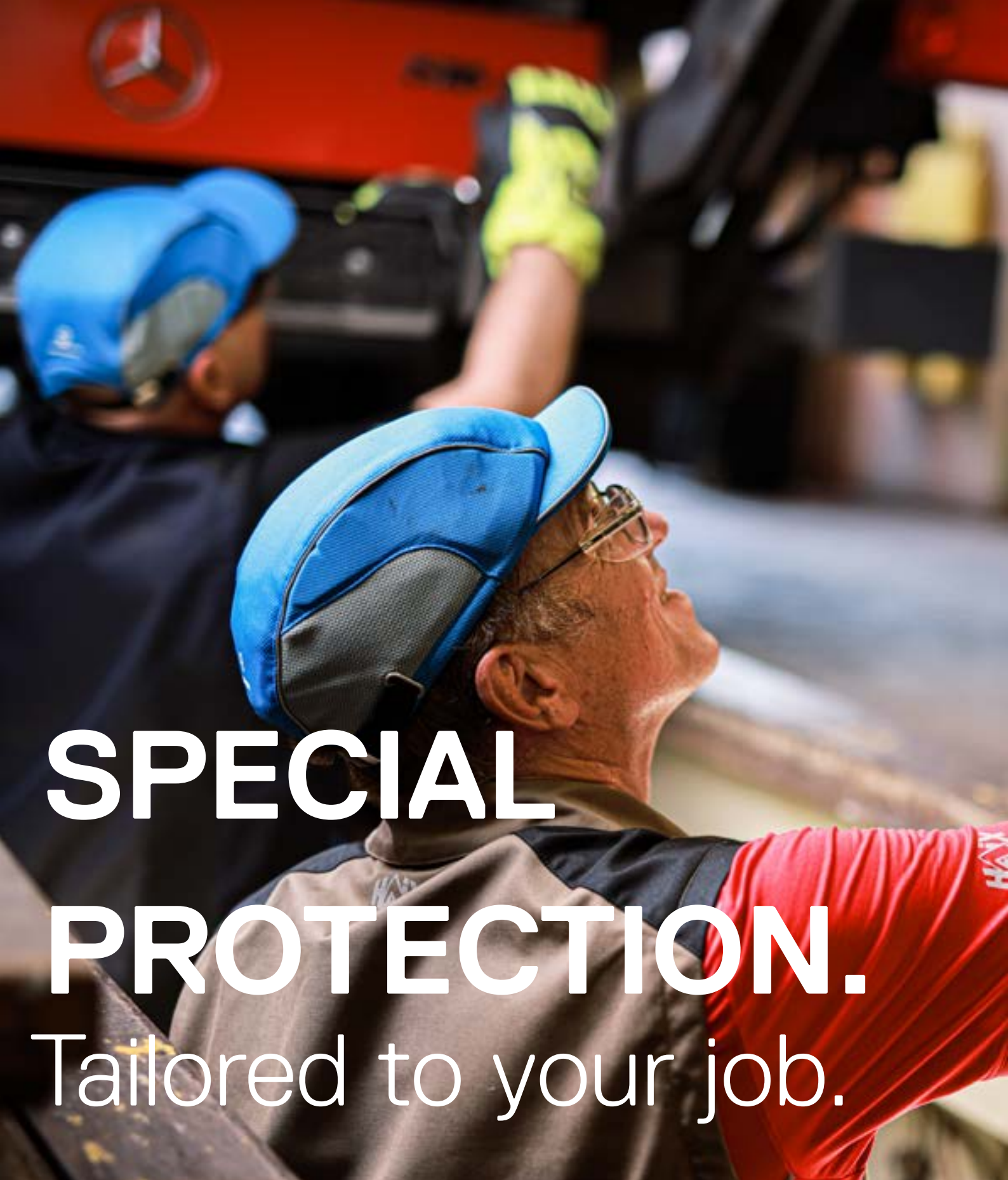
THERMO
PLASTICS



EUROGUARD V+

APPLICATION

- Woodland management
- Forestry work



SPECIAL PROTECTION. Tailored to your job.

Working in special conditions requires special solutions – that means tailor-made protection for specialised applications where conventional helmets are not enough. Whether you are in the automotive industry, at dizzying heights or in the dark: SCHUBERTH has the right solution.



**BASECAP
FLEXACTIVE**

**BER 80
GLOWSHIELD**

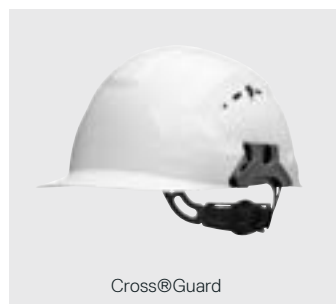
**CLIMBING
HELMET**

BUMP CAP

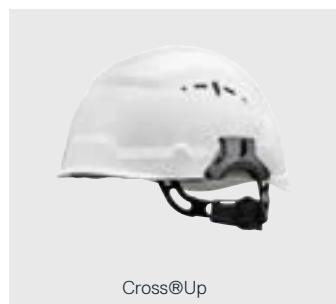
PE CAP

HELMETS.

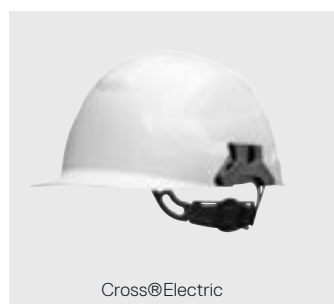
THERMOPLASTICS



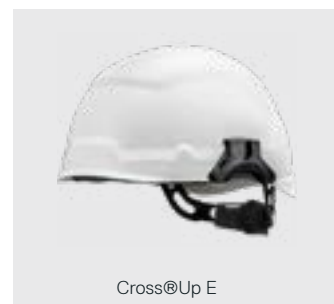
Cross@Guard



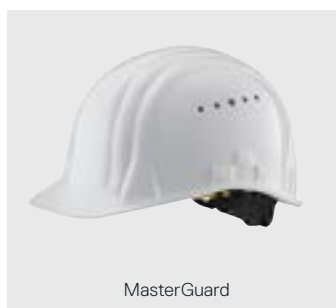
Cross@Up



Cross@Electric



Cross@Up E



MasterGuard



EuroGuard



BES/ABS



Antistatics



Miner's helmet



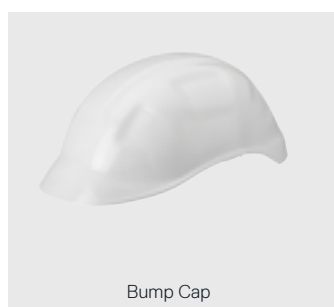
Miner's helmet antistatic



EuroGuard V+



PE Cap



Bump Cap



BER 80 Glowshield

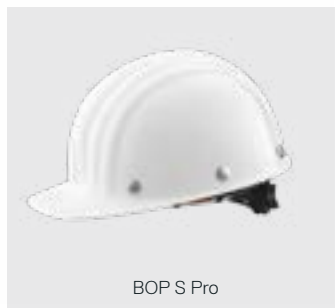


Basceap Flexactive

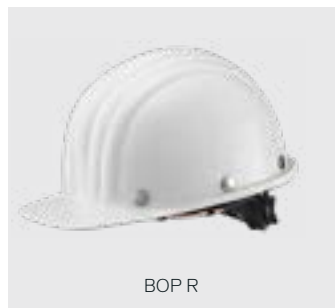
THERMOSET



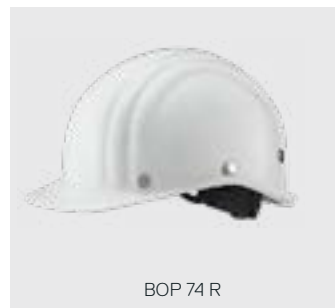
BOP



BOP S Pro



BOP R



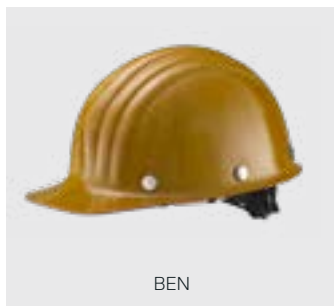
BOP 74 R



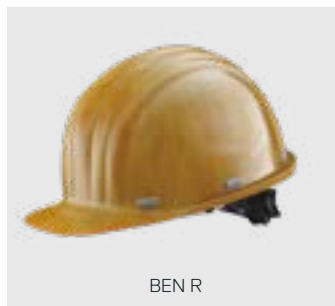
SUP



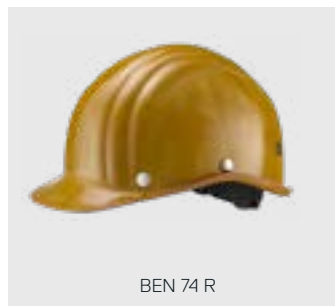
BOP Energy 3000



BEN



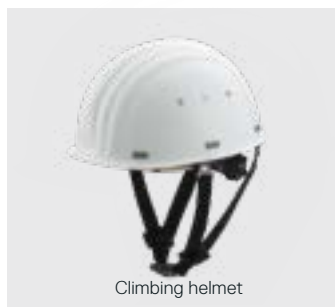
BEN R



BEN 74 R



Mine rescue helmet



Climbing helmet

LININGS.

THERMOPLASTICS



I/79 G-R

2000022782 (with natural leather)
2000022783 (with eco-leather)
2000022784 (with Wellvitex® Z+)

For the helmets MasterGuard, BES/ABS, Antistatic and BER 80 Glowshield as well as all Cross®Line helmets. Equipped with a 6-point webbing, wheel ratchet and a 2-point and 4-point chinstrap suspension. Height-adjustable. An eye protection screen can be attached. Also with special padding strips for improved force absorption in case of lateral and frontal impact.



I/79 GY-R

2000020452 (with eco-leather)

For the helmets EuroGuard and EuroGuard V+. Equipped with 6-point webbing, wheel ratchet and a 2-point as well as 4-point chinstrap suspension. Height-adjustable.



I/80 B-R

9000024202

For the miner's helmet and miner's helmet antistatic. Equipped with a plastic lining, wheel ratchet and a 2-point as well as 4-point chinstrap suspension. Height-adjustable. Optimised shock absorption through Impact Tube technology. Special padding strips as standard for improved force absorption in the event of lateral and frontal impact.



I/79 4-G

9000025362 (with eco-leather)

For the EuroGuard 4 and MasterGuard 80/4 helmets. Equipped with 4-point webbing and a 2-point as well as 4-point chinstrap suspension. Height-adjustable.

- Support straps made of flexible webbing for that incomparable SCHUBERTH wearing comfort
- Headband made of skin-friendly, smooth plastic
- With wearing height adjustment and chinstrap suspension as standard
- Also available in 3 sizes depending on the model (52-56 cm / 53-61 cm / 59-63 cm)
- Freely adjustable head size with sturdy wheel ratchet



LININGS.

THERMOSET



I/79 GD-R

9000012755 (Size 1)

1000012782 (Size 2)

9000012756 (Size 3)

For the BOP, BOP S PRO, BOP R, BOP 74 R, SUP, BEN, BEN R, BEN 74 R, Mine rescue helmet and Climbing helmet. Equipped with 6-point webbing, wheel ratchet and a 2-point as well as 4-point chinstrap suspension. Height-adjustable. An eye protection screen can be attached.



I/79 G-RF

2000022853 (Size 2)

For the BOP Energy 3000 helmet. Equipped with 6-point webbing, flame-retardant wheel ratchet and a 2-point as well as 4-point chinstrap suspension. Height-adjustable. With special padding strips for improved force absorption in case of lateral and frontal impact.



I/79 GW-R

9000012961 (Size 2)

9000025362 (Size 3)

For the BOP, BOP S PRO, BOP R, BOP 74 R, SUP, BEN and BEN 74 R helmets. Equipped with 6-point webbing, (flame-retardant) wheel ratchet and a 2-point as well as 4-point chinstrap suspension. Height-adjustable. Tested at +150°C according to the EN 397 additional requirement. Helmet shell fastened with replaceable metal-plastic rivets.

- Support straps made of flexible webbing for that incomparable SCHUBERTH wearing comfort
- Headband made of skin-friendly, smooth plastic
- With wearing height adjustment and chinstrap suspension as standard
- Also available in 3 sizes depending on the model (52-56 cm / 53-61 cm / 59-63 cm)
- Freely adjustable head size with sturdy wheel ratchet

BUMP CAPS



I/BC-G
9000023352

For the Bump Cap and PE Cap. Equipped with 4-point webbing, eco-leather sweatband and a 2-point chinstrap suspension. Height-adjustable.



I/BC
9000023302

For the Bump Cap. Equipped with a 2-point chinstrap suspension. Easy cleaning. With additional special padding strip.



I/7B
9000032300

For the PE Cap. Equipped with 4-point webbing and a 2-point chin strap suspension. Easy cleaning.

- Headband made of skin-friendly, smooth plastic
- With 2-point chinstrap suspension as standard
- Size range adjustable from 52 cm to 63 cm – including half sizes









TWICEME INTEGRATION

HELMETS

CROSS@UP

CROSS@GUARD

BOP

BEN

MASTERGUARD

EUROGUARD

BES / ABS

ANTISTATICS

MINING HELMET

MINING HELMET ANTISTATICS

■ The safety upgrade for helmet and helmet wearer

- The new dimension of protection for industrial safety and firefighter helmets
- Prerequisite for digitizing PPE inspection, maintenance and documentation
- Enables the storage of medical information, emergency contacts and more
- Fast and targeted treatment by first responders and rescue teams
- Based on the next generation of NFC+
- Exclusive collaboration between Twiceme and SCHUBERTH in the industrial safety and firefighter segment



CROSS® GUARD



CERTIFICATION

EN 397:2012

DESIGN

Size 2: 53–61 cm
Straight helmet shape
with MFA Tech Adapter
and side ventilation

PROTECTIVE PROPERTIES

-30°C
Metal splashes (MM)

LINING

I/79 G-R
6-point webbing
Wheel ratchet
Wellvitex® Z+ sweatband
2- and 4-point chinstrap suspension

MATERIAL

PP (Polypropylene)

WEIGHT

approx. 395 g

COLOURS

□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020
■ RAL 6024
■ RAL 2009
Special colours

■ Protective property down to -30°C

- For use at low temperature (e.g. outdoors in severe cold)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable linings
- Low weight
- Extensive range of accessories
- Tool-free assembly and disassembly of the accessories on the **multifunctional adapter MFA-TECH**
- Standard features: Wellvitex® Z+ sweatband, wheel ratchet and adjustable side ventilation
- Optional ex factory: 4-point chinstrap, eye protection, UV neck protection, reflective film, Twiceme and ID badge holder
- More accessories from page 76



CROSS[®] UP



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-30°C

Metal splashes (MM)

MATERIAL

PP (polypropylene)

WEIGHT

approx. 395 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape
with MFA Tech Adapter,
short brim and side
ventilation

LINING

I/79 G-R
6-point webbing
Wheel ratchet
Wellvitex[®] Z+ sweatband
2- and 4-point chinstrap suspension

COLOURS

□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020
■ RAL 6024
■ RAL 2009
Special colours

■ Protective property down to -30°C

- For use at low temperature (e.g. outdoors in severe cold)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable linings
- Low weight
- Extensive range of accessories
- Tool-free assembly and disassembly of the accessories on the **multifunctional adapter MFA-TECH**
- Standard features: Wellvitex[®] Z+ sweatband, wheel ratchet and adjustable side ventilation
- Optional ex factory: 4-point chinstrap, eye protection, UV neck protection, reflective film, Twiceme and ID badge holder
- More accessories from page 76





CROSS®LINE PC-VISOR

CERTIFICATION

EN 166:2001
EN 170:2002

HELMETS

CROSS@GUARD
CROSS@UP

MATERIAL

PC (Polycarbonate)

WEIGHT

Carrier, ca. 105 g
Face shield, ca. 155 g

MARKING

2C - 1,2 SH 1 BT 9 KN

- **Certified according to EN 166 and EN 170**
- Optical class 1
- Visor carrier with inmolded rubberseal lip
- 4-joint mechanism for maximum freedom of movement and optimal weight distribution
- 3D molded, clear polycarbonate visor for a maximum distortion-free vision
- UV protection filter
- Optimal detection of signal colors
- **Anti-scratch** coating on the outside & **Antifog** on the inside
- Tool-free assembly and disassembly, visor lens can be replaced
- Can be combined with other Cross@Line accessories e.g. hearing protection and lighting



CROSS® ELECTRIC



CERTIFICATION

EN 397:2012
EN 50365:2002

PROTECTIVE PROPERTIES

Electrical insulation according to EN 397
Electrical insulation according to EN 50365
-30°C
Metal splashes (MM)

MATERIAL

PP (Polypropylene)

WEIGHT

approx. 395 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape
with MFA Tech Adapter

LINING

I/79 G-R
6-point webbing
Wheel ratchet
Wellvitex® Z+ sweatband
2- and 4-point chinstrap suspension

COLOURS

□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020
■ RAL 6024
■ RAL 2009
Special colours

■ Electrical insulation according to EN 397

Protection against short-term, unintentional contact with live conductors with alternating voltage up to 440 volts

■ Electrical insulation according to EN 50 365

For use when working under voltage or in the vicinity of live parts up to AC 1000 V or DC 1500 V

■ Protective property down to -30°C

For use at low temperature (e.g. outdoors in severe cold)

- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable linings
- Extensive range of accessories
- In combination with the Cross@Line E-Visor, the Cross@Electric protects against class 1 arcing faults
- Tool-free assembly and disassembly of the accessories on the **multifunctional adapter MFA-TECH**
- Standard features: Wellvitex® Z+ sweatband and wheel ratchet
- Optional ex factory: 4-point chinstrap, eye protection, UV neck protection, reflective film and ID badge holder
- More accessories from page 76



CROSS® UP-E



CERTIFICATION

EN 397:2012
EN 50365:2002

PROTECTIVE PROPERTIES

Electrical insulation according to EN 397
Electrical insulation according to EN 50365
-30°C
Metal splashes (MM)

MATERIAL

PP (polypropylene)

WEIGHT

approx. 395 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape
with MFA Tech Adapter
and short brim

LINING

I/79 G-R
6-point webbing
Wheel ratchet
Wellvitex® Z+ sweatband
2- and 4-point chinstrap suspension

COLOURS

□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020
■ RAL 6024
■ RAL 2009
Special colours

■ Electrical insulation according to EN 397

Protection against short-term, unintentional contact with live conductors with alternating voltage up to 440 volts

■ Electrical insulation according to EN 50 365

For use when working under voltage or in the vicinity of live parts up to AC 1000 V or DC 1500 V

■ Protective property down to -30°C

For use at low temperature (e.g. outdoors in severe cold)

- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable linings
- Extensive range of accessories
- In combination with the Cross@Line E-Visor, the Cross@Up-E protects against class 1 arcing faults
- Tool-free assembly and disassembly of the accessories on the **multifunctional adapter MFA-TECH**
- Standard features: Wellvitex® Z+ sweatband and wheel ratchet
- Optional ex factory: 4-point chinstrap, eye protection, UV neck protection, reflective film and ID badge holder
- More accessories from page 76





CROSS®LINE E-VISOR



CERTIFICATION

EN 166:2001
EN 170:2002
GS-ET-29:2005

HELMETS

CROSS®ELECTRIC
CROSS®UP-E

MATERIAL

PC (Polycarbonate)

WEIGHT

Carrier, ca. 105 g
Face shield, ca. 155 g

MARKING

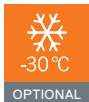
2C - 1,2 SH 1 BT 8-1-0 9 K N

■ Certified according to EN 166, EN 170 and GS-ET-29

- Arc fault protection class 1
- Optical class 1
- Visor carrier with inmolded rubberseal lip
- 4-joint mechanism for maximum freedom of movement and optimal weight distribution
- 3D molded, clear polycarbonate visor for a maximum distortion-free vision
- UV protection filter
- Optimal detection of signal colors
- **Anti-scratch** coating on the outside & **Antifog** on the inside
- Tool-free assembly and disassembly, visor lens can be replaced
- Can be combined with other Cross®Line accessories e.g. hearing protection and lighting



MASTERGUARD



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-20°C or -30°C

DESIGN

Size 2: 53–61 cm
Straight helmet shape with extended neck section and side ventilation

LINING

I/79 G-R with 6-point webbing and wheel ratchet
I/79 4G with 4-point webbing
Eco-leather sweatband
2- and 4-point chinstrap suspension

MATERIAL

HDPE (High-Density Polyethylen)

WEIGHT

approx. 340 g

COLOURS

□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020
■ RAL 6024
■ RAL 2009
Special colours

- **Protective property down to -20°C**
For use at low temperature (e.g. outdoors in severe cold)
- **Optional: Protective properties down to -30°C**
For use at very low temperatures (e.g. in cold stores)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Adjustable side ventilation
- Eco-leather sweatband
- Rain gutter
- **Construction safety helmet proven over many years**
- **Large protective surface** due to helmet shape with extended neck section
- Optional ex factory: 4-point chinstrap, eye protection, cable loop, lamp holder, hole in helmet brim, UV neck protection, reflective stripes, Twiceme and ID badge holder
- More accessories from page 76



EUROGUARD



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-20°C to -30°C

DESIGN

Size 2: 53–61 cm
Straight helmet shape with extended neck section and side ventilation

LINING

I/79 G-R with 6-point webbing and wheel ratchet
I/79 4G with 4-point webbing
Eco-leather sweatband
2- and 4-point chinstrap suspension

MATERIAL

HDPE (High-Density Polyethylen)

WEIGHT

approx. 365 g

COLOURS

□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020
■ RAL 6024
■ RAL 2009
■ RAL 7042
■ RAL 8007
■ RAL 9017
Special colours

- **Protective property down to -20°C**
For use at low temperature (e.g. outdoors in severe cold)
- **Optional: Protective properties down to -30°C**
For use at very low temperatures (e.g. in cold stores)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Adjustable side ventilation
- Eco-leather sweatband
- **Increased lateral strength** thanks to double-wall internal profile
- **Large printable areas** (for company logo, etc.)
- **Slightly extended neck section**
- **Numerous colour variants**
- **Low weight** with optimised protective area
- Optional ex factory: 4-point chinstrap, cable loop, hole in helmet brim, UV neck protection, reflective stripes and Twiceme
- More accessories from page 76





BOP



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-30 °C
+150 °C (only with I/79 GW-R)
Metal splashes (MM)
Lateral deformation (LD)

MATERIAL

UF-GF (glass fibre polyester resin)

WEIGHT

approx. 405 g (size 2)

DESIGN

Size 1: 52 - 56 cm
Size 2: 53–61 cm
Size 3: 59–63 cm
Straight helmet shape

LINING

I/79 GD-R
I/79 GW-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Natural leather sweatband
Standard padding strips

COLOURS

Metallisation
Special colours
□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020 (only size 2)
■ RAL 6024 (only size 2)
■ RAL 2009 (only size 2)
■ RAL 7042 (only size 2)

- **For use when working at high ambient temperatures** (e.g. blast furnace)
- **For use when working with e.g. molten metal**
- **High lateral stiffness**
- Dimensionally stable at high temperatures
- High penetration resistance and impact toughness
- Insensitive to chemicals
- High ageing resistance (long service life)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Available in 3 helmet shell sizes
- Optional ex factory: 4-point chinstrap, 16m double slots, eye protection (only with I/79 GW-R and size 2), cable loop, lamp holder, hole in helmet brick, adjustable side ventilation, UV neck protection (only with I/79 GD-R), 5 press studs for neck leather, reflective stripes and Twiceme
- More accessories from page 76



BOP^S PRO



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-30 °C
+150 °C (only with I/79 GW-R)
Metal splashes (MM)

MATERIAL

UF-GF (glass fibre polyester resin)

WEIGHT

approx. 365 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape

LINING

I/79 GD-R
I/79 GW-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Natural leather sweatband
Standard padding strips

COLOURS

Metallisation
Special colours
□ RAL 9016
■ RAL 1023
■ RAL 5017

- **For use when working at high ambient temperatures** (e.g. blast furnace)
- **For use when working with e.g. molten metal**
- **Particularly light** due to advanced glass fibre polyester resin material
- Dimensionally stable at high temperatures
- High penetration resistance and impact toughness
- Insensitive to chemicals
- High ageing resistance (long service life)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Optional ex factory: 4-point chinstrap, 16m double slots, eye protection (only with I/79 GD-R), cable loop, lamp holder, hole in helmet brick, adjustable side ventilation, UV neck protection (only with I/79 GD-R), 5 press studs for neck leather and reflective stripes
- More accessories from page 76



BOP^R



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-30°C
+150°C (only with I/79 GW-R)
Metal splashes (MM)
Lateral deformation (LD)

MATERIAL

UF-GF (glass fibre polyester resin)

WEIGHT

approx. 420 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape
with rain gutter

LINING

I/79 GD-R
I/79 GW-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Natural leather sweatband
Standard padding strips

COLOURS

Metallisation
Special colours
□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020
■ RAL 6024
■ RAL 2009

- **For use when working at high ambient temperatures** (e.g. blast furnace)
- **For use when working with e.g. molten metal**
- **High lateral stiffness**
- **Rain gutter**
- Dimensionally stable at high temperatures
- High penetration resistance and impact toughness
- Insensitive to chemicals
- High ageing resistance (long service life)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Optional ex factory: 4-point chinstrap, cable loop, lamp holder, hole in helmet brick, adjustable side ventilation, UV neck protection (only with I/79 GD-R), 5 press studs for neck leather and reflective stripes
- More accessories from page 76



BOP^{74 R}



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-30°C
+150°C (only with I/79 GW-R)
Metal splashes (MM)
Lateral deformation (LD)

DESIGN

Size 2: 53–61 cm
Size 3: 59–63 cm
Straight helmet shape with rain gutter and extended neck section

LINING

I/79 GD-R
I/79 GW-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Natural leather sweatband
Standard padding strips

MATERIAL

UF-GF (glass fibre polyester resin)

WEIGHT

approx. 460 g (size 2)

COLOURS

Metallisation
Special colours
□ RAL 9016
■ RAL 1023 (only size 2)
■ RAL 5017 (only size 2)
■ RAL 3020 (only size 2)
■ RAL 6024 (only size 2)
■ RAL 2009 (size 2 only)

- **For use when working at high ambient temperatures** (e.g. blast furnace)
- **For use when working with e.g. molten metal**
- **High lateral stiffness**
- **Large protective surface** due to helmet shape with extended neck section
- **Rain gutter**
- Dimensionally stable at high temperatures
- High penetration resistance and impact toughness
- Insensitive to chemicals
- High ageing resistance (long service life)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Available in 2 helmet shell sizes
- Optional ex factory: 4-point chinstrap, cable loop, lamp holder, hole in helmet brick, adjustable side ventilation, UV neck protection (only with I/79 GD-R), 5 press studs for neck leather and reflective stripes
- More accessories from page 76



SUP



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

+150°C (only with I/79 GW-R)
Metal splashes (MM)

MATERIAL

UF-GF (glass fibre polyester resin)

WEIGHT

approx. 445 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape with wide all-round brim

LINING

I/79 GD-R
I/79 GW-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Natural leather sweatband
Standard padding strips

COLOURS

Metallisation
Special colours
□RAL 9016

- **For use when working at high ambient temperatures** (e.g. blast furnace)
- **For use when working with e.g. molten metal**
- **Protection through wide all-round helmet brim**
- Dimensionally stable at high temperatures
- High penetration resistance and impact toughness
- Insensitive to chemicals
- High ageing resistance (long service life)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Optional ex factory: 4-point chinstrap, adjustable side ventilation, UV neck protection (only with I/79 GW-R), 5 press studs for neck leather and reflective stripes
- More accessories from page 76



BOP ENERGY³⁰⁰⁰



CERTIFICATION

EN 397:2012
DIN EN 50 365

PROTECTIVE PROPERTIES

+150°C
down to -30°C
Metal splashes (MM)
Lateral deformation (LD)

MATERIAL

UF-GF (glass fibre polyester resin)

WEIGHT

approx. 475 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape

LINING

I/79 G-R
I/79 GW-R
6-point webbing
Wheel ratchet (flame retardant)
2- and 4-point chinstrap suspension
Natural leather sweatband
Special padding strips

COLOURS

□RAL 9016
■RAL 1023
■RAL 5017
■RAL 3020

- **Protection against arc flashes (in combination with electric visor ArcShield)**
- Conducts a maximum of 1.5 mA at 3000 V into the inner shell
- **Electrical insulation according to DIN EN 50 365**
For use when working under voltage or in the vicinity of live parts up to AC 1000 V or DC 1500 V
- **Electrical insulation according to DIN EN 397**
Protection against short-term, unintentional contact with live conductors with AC voltage up to 440 volts
- **For use when working with e.g. molten metal and at high ambient temperature**
- **High lateral stiffness**
- Dimensionally stable at high temperatures
- Insensitive to chemicals
- Improved force absorption in case of lateral impact due to special padding strips
- Optional ex factory: reflective stripes
- More accessories from page 76







BEN



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-30°C
+150°C (only with I/79 GW-R)
Metal splashes (MM)
Lateral deformation (LD)

MATERIAL

PF-SF (fabric-phenolic synthetic resin)

WEIGHT

approx. 400 g (size 2)

DESIGN

Size 1: 52 - 56 cm
Size 2: 53-61 cm
Size 3: 59-63 cm
Straight helmet shape

LINING

I/79 GD-R
I/79 GW-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Natural leather sweatband
Standard padding strips

COLOURS

Natural fibre
Metallisation
Special colours

- **For use when working at high ambient temperatures (e.g. blast furnace)**
- **High lateral stiffness**
 - Dimensionally stable at high temperatures
 - High penetration resistance and impact toughness
 - Insensitive to chemicals
 - High ageing resistance (long service life)
 - High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
 - In natural fibre look
 - Available in 3 helmet shell sizes
- Optional ex factory: 4-point chinstrap, 16m double slots, eye protection (only with I/79 GW-R and size 2), cable loop, lamp holder, hole in helmet brick, adjustable side ventilation, UV neck protection (only with I/79 GD-R), 5 press studs for neck leather, reflective stripes and Twiceme
- More accessories from page 76



BEN^R



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-30°C
+150°C (only with I/79 GW-R)
Lateral deformation (LD)
Metal splashes (MM)

MATERIAL

PF-SF (fabric-phenolic synthetic resin)

WEIGHT

approx. 410 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape
with rain gutter

LINING

I/79 GD-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Natural leather sweatband
Standard padding strips

COLOURS

Natural fibre
Metallisation
Special colours

■ For use when working with e.g. molten metal

■ High lateral stiffness

■ Rain gutter

- Dimensionally stable at high temperatures
- High penetration resistance and impact toughness
- Insensitive to chemicals
- High ageing resistance (long service life)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- In natural fibre look
- Optional ex factory: 4-point chinstrap, cable loop, lamp holder, hole in helmet brick, adjustable side ventilation, UV neck protection (only with I/79 GD-R), reflective stripes
- More accessories from page 76



BEN^{74R}



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-30 °C
+150 °C (only with I/79 GW-R)
Metal splashes (MM)
Lateral deformation (LD)

MATERIAL

PF-SF (fabric-phenolic synthetic resin)

WEIGHT

approx. 410 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape with rain gutter and extended neck section

LINING

I/79 GD-R
I/79 GW-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Natural leather sweatband
Standard padding strips

COLOURS

Natural fibre
Metallisation
Special colours

- **For use when working at high ambient temperatures (e.g. blast furnace)**
- **High lateral stiffness**
- **Large protective surface** due to helmet shape with extended neck section
- **Rain gutter**
- Dimensionally stable at high temperatures
- High penetration resistance and impact toughness
- Insensitive to chemicals
- High ageing resistance (long service life)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- In natural fibre look
- Optional ex factory: 4-point chinstrap, cable loop, lamp holder, hole in helmet brick, adjustable side ventilation, UV neck protection (only with I/79 GD-R), 5 press studs for neck leather and reflective stripes
- More accessories from page 76





MINE RESCUE ^{HELMET}



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-30 °C

Metal splashes (MM)

Lateral deformation (LD)

MATERIAL

UP-GF (glass fibre polyester resin)

WEIGHT

approx. 400 g

DESIGN

Size 2: 53–61 cm

Straight helmet shape

LINING

I/79 GD-R

6-point webbing

Wheel ratchet

2- and 4-point chinstrap suspension

Natural leather sweatband

Standard padding strips

COLOURS

■ RAL 2009

■ High lateral stiffness

- Dimensionally stable at high temperatures
- High penetration resistance and impact toughness
- Insensitive to chemicals
- High ageing resistance (long service life)
- Standard features: cable loop, lamp holder, hole in helmet brim and reflective stripes
- Optional ex factory: 4-point chinstrap, UV neck protection, adjustable side ventilation, eye protection
- More accessories from page 76



MINER'S HELMET

THERMO
PLASTICS

440
Vac

-20°C



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

Electrical insulation according to EN 397
-20°C

MATERIAL

ABS copolymer

WEIGHT

approx. 410 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape

LINING

I/80 B-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Standard padding strips

COLOURS

□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020
■ RAL 6024
■ RAL 2009
Special colours

■ Electrical insulation according to DIN EN 397

- Protection against short-term, unintentional contact with live conductors with AC voltage up to 440 volts
- High impact toughness and force elimination
- Improved force elimination in case of lateral impact due to special padding strips (closed-pored)
- Optimised shock absorption through Impact Tube technology (only with I/80 B-R)
- Easy cleaning
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Standard features: cable loop, lamp holder and hole in helmet brim
- Optional ex factory: 4-point chinstrap, UV neck protection, Reflective stripes and Twiceme
- More accessories from page 76



MINER'S HELMET ANTISTATIC

THERMO
PLASTICS

440
Vac



❄️
-20°C



CERTIFICATION

EN 397:2012
EN 60079-32-2

PROTECTIVE PROPERTIES

Electrical insulation according to EN 397
Antistatic dissipative according to EN 60079-32-2
-20°C

MATERIAL

ABS copolymer

WEIGHT

approx. 410 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape

LINING

I/80 B-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Standard padding strips

COLOURS

□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020
■ RAL 6024
■ RAL 2009
Special colours

■ Electrical insulation according to DIN EN 397

Protection against short-term, unintentional contact with live conductors with AC voltage up to 440 volts

■ Antistatic dissipative according to EN 60079-32-2

■ **Electrostatic safe** and applicable for use in accordance with regulations in potentially explosive atmospheres in all zones for explosion groups I and II A

■ Improved force elimination in case of lateral impact due to special padding strips (closed-pored)

■ Optimised shock absorption through Impact Tube technology (only with I/80 B-R)

■ Easy cleaning

■ High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining

■ Standard features: cable loop, lamp holder and hole in helmet brim

■ Optional ex factory: 4-point chinstrap, UV neck protection, reflective stripes and Twiceme

■ More accessories from page 76



BES/ABS



CERTIFICATION

EN 397:2012
EN 50365:2002

PROTECTIVE PROPERTIES

Electrical insulation according to EN 397
Electrical insulation according to EN 50365
-30°C

MATERIAL

ABS copolymer

WEIGHT

approx. 380 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape

LINING

I/79 G-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Natural leather sweatband
Special padding strips

COLOURS

□RAL 9016
■RAL 1023
■RAL 5017
■RAL 3020
■RAL 6024
■RAL 2009
Special colours

■ Electrical insulation according to DIN EN 397

Protection against short-term, unintentional contact with live conductors with AC voltage up to 440 volts

■ Optional: Electrical insulation according to DIN EN 50365

For use when working under voltage or in the vicinity of live parts up to AC 1000 V or DC 1500 V

■ High-quality, thermoplastic special plastic

■ Improved force absorption in case of lateral impact due to special padding strips

- High impact toughness and force elimination
- High chemical resistance
- High abrasion resistance
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Easy to clean
- Optional ex factory: 4-point chinstrap, eye protection, cable loop, lamp holder, hole in helmet brick, adjustable side ventilation, UV neck protection, reflective stripes and Twiceme
- More accessories from page 76



ANTISTATICS

THERMO
PLASTICS

440
Vac



CERTIFICATION

EN 397:2012
EN 60079-32-2:2015

PROTECTIVE PROPERTIES

Electrical insulation according to EN 397
Antistatic dissipative according to EN 60079-32-2
-30°C

MATERIAL

ABS copolymer

WEIGHT

approx. 380 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape

LINING

I/79 G-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Natural leather sweatband
Special padding strips

COLOURS

□ RAL 9016
■ RAL 1023
■ RAL 5017
■ RAL 3020
■ RAL 6024
■ RAL 2009
Special colours

■ Electrical insulation according to EN 397

Protection against short-term, unintentional contact with live conductors with AC voltage up to 440 volts

■ Antistatic dissipative according to EN 60079-32-2

■ **Electrostatic safe** and applicable for use in accordance with regulations in potentially explosive atmospheres in all zones for explosion groups I and II A

■ High-quality, thermoplastic special plastic

■ Improved force absorption in case of lateral impact due to special padding strips

■ High impact toughness and force elimination

■ High chemical resistance

■ High abrasion resistance

■ High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining

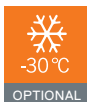
■ Easy to clean

■ Optional ex factory: 4-point chinstrap, cable loop, hole in helmet brick, UV neck protection, reflective stripes and Twiceme

■ More accessories from page 76



EUROGUARD^{V+}



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-20°C or -30°C

MATERIAL

HDPE (High-Density Polyethylen)

WEIGHT

approx. 410 g

DESIGN

Size 2: 53–61 cm
Straight helmet shape

LINING

I/80 B-R
6-point webbing
Wheel ratchet
2- and 4-point chinstrap suspension
Standard padding strips

COLOURS

■ RAL 2009
Special colours

- **Protective property down to -20°C**
For use at low temperature (e.g. outdoors in severe cold)
- Optional: **Protective properties down to -30°C**
For use at very low temperatures
- **Increased lateral stiffness** due to double-walled inner profile
- **Improved force absorption** in case of lateral impact due to special padding strips (closed-pored)
- **Slightly extended neck section**
- **Low weight** with optimised protective area
- Standard features: 30mm slots, vent holes, rain gutter, adjustable side ventilation
- Optional ex factory: 4-point chinstrap, UV neck protection and reflective stripes
- More accessories from page 76





BASECAP^{FLEXACTIVE}



CERTIFICATION

EN 812:2012

PROTECTIVE PROPERTIES

-20°C

MATERIAL

Polyester

WEIGHT

approx. 140 g

DESIGN

Size 2: 53–61 cm
short peak
long peak

LINING

3D-cushioning elements
Multi-part special foam
Breathable polyester material

COLOURS

- RAL 5010/7000
- RAL 5011/7001
- RAL 2005
- RAL 7011
- RAL 9005

■ Protective property down to -20°C

For use at low temperature (e.g. outdoors in severe cold)

- **High wearing comfort** due to innovative fit concept and flexible 3D-cushioning elements
- Bump cap with protection against light impacts
- For all areas of use where helmets are not compulsory (e.g. in the automotive industry, food industry and meat-processing plants).
- Perfect fit even for overhead work
- Extensive mesh fabric for optimal ventilation
- Can take multiple impacts
- Easy-to-clean polyester material
- Modern design
- Short peak allows large field of view



PE CAP



MATERIAL

PE (polyethylene)

WEIGHT

approx. 220 g

DESIGN

Size 2: 53–61 cm

LINING

I/BC-G with webbing lining and Eco-leather sweatband (I/BC-G)

I/BC with plastic lining and special padding strips (I/BC)

4-point suspension

2-point chinstrap suspension

COLOURS

□ RAL 9016

■ RAL 1023

■ RAL 5017

■ RAL 3020

■ RAL 6024

- **Bump cap** with protection against light impacts
- For all areas of use that are not subject to compulsory helmet wearing (e.g. in the automotive industry, food industry and meat processing plants).
- Comfortable lining
- Secure fit
- Low weight
- Easy cleaning
- Optional ex factory: adjustable side ventilation
- More accessories from page 76



BUMP CAP

THERMO
PLASTICS

EN
812

MATERIAL

PE (polyethylene)

WEIGHT

approx. 220 g

DESIGN

Size 2: 53–61 cm

LINING

I/BC-G with webbing lining and Eco-leather sweatband (I/BC-G)

I/BC with plastic lining and special padding strips (I/BC)

4-point suspension

2-point chinstrap suspension

COLOURS

□ RAL 9016

■ RAL 1023

■ RAL 5017

■ RAL 3020

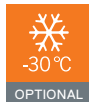
■ RAL 6024

Sonderfarben

- **Approved according to EN 812**
- **Bump cap** with protection against light impacts
- For all areas of use that are not subject to compulsory helmet wearing (e.g. in the automotive industry, food industry and meat processing plants)
- Comfortable lining
- Secure fit
- Low weight
- Easy cleaning
- Optional ex factory: adjustable side ventilation
- More accessories from page 76



BER 80 GLOWSHIELD



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-20°C or -30°C

DESIGN

Size 2: 53–61 cm
Straight helmet with
rain gutter and
extended neck section

LINING

I/79 G-R
6-point webbing
Wheel ratchet
Sweatband with natural leather
Standard padding strips
2- and 4-point chinstrap suspension

MATERIAL

HDPE (High-Density Polyethylen)

WEIGHT

approx. 365 g

COLOURS

Photo-luminescent

- **Protective property down to -20°C**
For use at low temperature (e.g. outdoors in severe cold)
- **Optional: Protective properties down to -30°C**
For use at very low temperatures (e.g. in cold stores)
- **Photo-luminescent helmet shell material**
For work in darkness and poor visibility;
■ approx. 12 hours afterglow (luminance value $\geq 0.3 \text{ mcd/m}^2$)
- **Ideal as a visitor helmet**
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Large protective surface due to helmet shape with extended neck section
- Standard features: 16 mm double slots, rain gutter and adjustable side ventilation
- Optional ex factory: 4-point chinstrap, eye protection, cable loop, lamp holder, hole in helmet brick and reflective stripes
- More accessories from page 76

CLIMBING HELMET



THERMO
SET



CERTIFICATION

EN 397:2012

PROTECTIVE PROPERTIES

-30 °C

Lateral deformation (LD)

MATERIAL

UP-GF (glass fibre polyester resin)

WEIGHT

approx. 405 g

DESIGN

Size 2: 53–61 cm

LINING

I/79 GD-R

6-point webbing

Wheel ratchet

Sweatband with natural leather

Standard padding strips

2- and 4-point chinstrap suspension

COLOURS

□ RAL 9016

- **High lateral stiffness**
- **Increased shock absorption** through integrated polystyrene inner shell
- Dimensionally stable at high temperatures
- High penetration resistance and impact toughness
- Insensitive to chemicals
- High ageing resistance (long service life)
- High wearing comfort and secure fit due to ergonomically shaped and height-adjustable lining
- Standard features: 4-point chin strap, without helmet brim, adjustable side ventilation and polystyrene inner shell
- Optional ex factory: eye protection, cable loop, lamp holder, UV neck protection and reflective stripes
- More accessories from page 76



EYE & FACE PROTECTION

Safety in sight.

Industrial safety is of paramount importance, especially when the eyes and face are at risk. Eye and face protection that has been specially developed for safety helmets then becomes essential. SCHUBERTH products are ergonomically designed to maximise comfort and not restrict the wearer's freedom of movement.



VISORS

**SHIELDS &
SCREENS**

VISOR CARRIER

**EYE
PROTECTION**

ARCSHIELD

9049108229 ArcShield Cl. 2-6
9049108230 ArcShield Cl. 2-14
9049108228 ArcShield Cl. 2-25

- Certified according to EN 166, EN 170 and GS-ET-29
- Arc fault class 2
- Optical class 1
- No electrical conductivity
- No protection restriction for normal signs of use
- Improves colour recognition and enhances contrast
- Various protection levels up to $\leq 25\text{cal/cm}^2$
- High load capacity reserves
- Connection to the MFA-Duro adapter



Suitable for the following helmets: BOP Energy 3000

CROSS® LINE PC-VISOR

2990000030 Cross® Line Carrier
2990000050 Cross® Line Face shield

- Certified according to EN 166 and EN 170
- Optical class 1
- 3D-moulded, clear polycarbonate visor
- Two-component injection moulding with integrated sealing lip
- Provides protection for eyes and face against thermal, chemical and mechanical hazards
- With anti-scratch and anti-fog coating
- UV filter
- Tool-free assembly with MFA Tech adapter



Suitable for the following helmets: Cross® Guard, Cross® Up

CROSS® LINE E-VISOR

2990000030 Cross® Line Carrier

2990000051 Cross® Line Face shield

- Certified according to EN 166 and EN 170 and GS-ET-29
- Arc fault class 1
- Optical class 1
- 3D-moulded, clear polycarbonate visor
- Two-component injection moulding with integrated sealing lip
- Provides protection for eyes and face against thermal, chemical and mechanical hazards
- With anti-scratch and anti-fog coating
- UV filter
- Tool-free assembly with MFA Tech adapter



Suitable for the following helmets: Cross®Electric, Cross®Up-E

VISOR SVP (INCL. CARRIER)

9049108320

- Polycarbonate visor
- Certification according to EN 166
- Temperature range from -40°C to +130°C
- Dimensions: 380 × 200 × 1 mm



Suitable for the following helmets: EuroGuard, EuroGuard V+, MasterGuard

VISOR SVW (INCL. CARRIER)

9049109045

- Mesh visor made of braided and matt blackened stainless steel wire to prevent glare
- Certification according to DIN EN 1731:2016
- Light transmission: 67 to 70 %
- Dimensions: 47 × 183 × 1 mm
- Number of openings/cm²: 22.9



Suitable for the following helmets: Euroguard V+

PC FACE PROTECTION SHIELD

9012007082

- Clear, 1 mm thick polycarbonate panels
- with mounting brackets for attaching to all SCHUBERTH helmets with 16 mm double-slot system
- Size 440 × 240 × 1 mm
- Offers protection against chips, dust and splinters



Suitable for the following helmets: MasterGuard 80/4, MasterGuard 80-R

POLYCARBONATE SHIELD

9049108540

- Clear polycarbonate face shield
- Suitable for helmet holders VP1 and VP2
- Temperature-resistant up to approx. +130°C
- Dimensions: 500 × 200 × 1 mm
- Protection against the effects of dust, chips and splinters



Suitable for the following helmets: all thermoset helmets, BES / ABS

ACETATE SHIELD

9049108510

- Clear acetate face shield
- Suitable for helmet holders VP1 and VP2
- Protection against aggressive fluids
- Temperature-resistant up to approx. +130°C
- Dimensions: 500 × 200 × 1 mm
- Protection against the effects of dust, chips and splinters
- High transparency and good scratch resistance



Suitable for the following helmets: all thermoset helmets, BES / ABS

GOLD-VAPORISED VISOR

9049108550

- Protective lens made of gold-vaporised polycarbonate
- High heat resistance
- Paint sealing
- Dimensions: 500 x 200 x 1 mm
- Suitable for visor carrier RU and MFA visor MFA with sealing lip



Suitable for the following helmets: all thermoset helmets

HEAT SCREEN RU

9049108530

- Heat screen made of calendered iron wire mesh
- Very good absorption and reflection of radiant heat
- Dimension approx. 500 x 300 mm
- Suitable for helmet holder RU
- Black lacquered back
- Glare-free.



Suitable for the following helmets: all thermoset helmets

VISOR CARRIER MFA WITH SEALING LIP

9049108500

- Aluminium visor carrier with sealing lip for attachment to industrial safety helmets with MFA Duro adapter
- High temperature resistance
- Protective shields fasten with toggle lock



Suitable for the following helmets: all thermoset helmets

VISOR CARRIER VP 1

9049108300

- Fastening device for protective lenses
- Suitable for all helmets with visor
- Aluminium profiles tightly enclosing the helmet visor with covered spring balancer
- Latching in 4 steps
- High heat resistance
- Protective shields fasten with toggle lock



Suitable for the following helmets: all thermoset helmets, BES / ABS

VISOR CARRIER VP 2

9049108400

- Fastening device for protective shields
- Suitable for work with aggressive fluids, among other things
- Suitable for all helmets with visor
- Well-fitting blue plastic profiles with elastic band
- Foldable part can be adjusted using knurled nuts
- Protective shields fasten with toggle lock



Suitable for the following helmets: all thermoset helmets, BES / ABS

VISOR CARRIER RU

9049108320

- Fastening device for heat screen RU
- Robust design made of aluminium profiles
- High heat resistance
- Suitable for all thermoset helmets with visor
- Fastens with covered spring balancer
- Latching in 4 steps
- The heat veil attaches with swivel fasteners



Suitable for the following helmets: all thermoset helmets

EYE PROTECTION

9000907088 incl. assembly

9000007088 as spare part

- Integrated eye protection
- Optical class 1
- Condition: Fastening openings must be fitted at the factory
- No retrofitting possible
- Fastening knobs make replacement easy and quick
- CAUTION: This eye protection does not replace safety goggles!



Suitable for the following helmets: MasterGuard, BOP, BOP S Pro, BEN, BES / ABS, BER 80 Glowshield, Climbing helmet

EYE PROTECTION

9000907090 incl. assembly

9000007090 as spare part

- Integrated eye protection
- Optical class 1
- Factory installation and retrofitting possible
- CAUTION: This eye protection does not replace safety goggles!



Suitable for the following helmets: Cross®Guard, Cross®Up, Cross®Electric, Cross®Up-E



VISIBILITY.

Reflecting excellence.

Your safety plus. Our reflective films improve the appearance through clear designs and optimised contours. The reflective stickers are made of highly reflective material and provide increased visibility by day and night.



**REFLECTIVE FILM
BASIC**

**REFLECTIVE FILM
ADVANCED**

**REFLECTIVE
STRIPS**

REFLECTIVE FILM BASIC

9000909215 incl. assembly
2990000010 sticker for manual attachment

- Basic reflective film for all Cross@Line helmets
- Self-adhesive
- In the colour silver



Suitable for the following helmets: Cross@Guard, Cross@Up, Cross@Electric, Cross@Up-E

REFLECTIVE FILM ADVANCED

9000909216 incl. assembly
2990000015 sticker for manual attachment

- Advanced reflective film for all Cross@Line helmets
- Self-adhesive
- In the colour silver



Suitable for the following helmets: Cross@Guard, Cross@Up, Cross@Electric, Cross@Up-E

REFLECTIVE STRIPES

9000909213 incl. assembly
9041400235 sticker for manual attachment

- 3-piece reflective film
- Clear design
- Self-adhesive
- 2 cm wide
- In the colour silver



Suitable for the following helmets: EuroGuard, EuroGuard V+

REFLECTIVE STRIPES

9000909200 incl. assembly
9041400200 sticker for manual attachment

- Reflective film
- All-round
- Slim design
- Self-adhesive
- 2 cm wide
- In the colour silver



Suitable for the following helmets: all helmets except Cross®Line, EuroGuard and EuroGuard V+



LIGHTING.

Guided by Light.

Lamps are an essential part of industrial safety. A well-lit workplace contributes a significant contribution to the health and safety of your employees. Good visibility is one of the decisive factors in preventing accidents, reducing eye strain and increasing productivity.



**ELECTRIC
TORCHES**

HEADLAMP

SH-UK 2AA eLED ET

9049100118

- In conjunction with LH3 electric torch connection and MFA plug-in slot
- Batteries included
- Equipped with special eLEDs
- Rubberised "On/Off" switch
- 100% waterproof and dustproof up to 3 m
- Luminous flux 70 lm



Suitable for the following helmets: all helmets with standard MFA adapter or optional MFA Duro

SH-UK 3AA CPO TS

9049100124

- In conjunction with LH3 electric torch connection and MFA plug-in slot
- Batteries included
- Equipped with special eLEDs , CPO and TRS technology
- Rubberised "On/Off" switch
- 100% waterproof and dustproof up to 3 m
- Luminous flux 110 lm



Suitable for the following helmets: all helmets with standard MFA adapter or optional MFA Duro

SH-UK 3AA VIZION

9049100119

- in conjunction with headlamp holder
- Batteries included
- equipped with special eLEDs
- Three modes (spot, diffuse, red) through rotatable filter
- Rubberised "On/Off" switch
- 100% waterproof and dustproof
- Luminous flux 35 / 65 lm



Suitable for the following helmets: all helmets with standard or optional headlamp adapter



FURTHER ACCESSORIES. Protect and perform.

When choosing industrial safety helmets, safety is undoubtedly the first priority. Nevertheless, the comfort factor should not be neglected either. A comfortable helmet is one that your employees enjoy wearing. We offer a wide range of accessories specifically designed to optimise the comfort of your safety helmets.



ADAPTER

CHINSTRAP

SWEATBANDS

**NECK
PROTECTION**

**ID BADGE
HOLDER**

MFA DURO

1990000100

- Multifunctional adapter for attachment to all SCHUBERTH thermosets
- Independent and solid connection of face and hearing protection
- Recommended for the BOP Energy 3000 in conjunction with ArcShield series arc flash visors



Suitable for the following helmets: all thermoset helmets, BES / ABS

CLAMP FASTENING

9049105040

- Adapter for helmets without slots
- 30 mm



Suitable for the following helmets: all thermoset helmets, BES / ABS

ADAPTER FOR PELTOR EAFMUFFS

3990000550

- Adapters are designed for Peltor models
- Loosen the screw and the supplied adapter of the Peltor eafmuffs and replace it with the SCHUBERTH MFA hearing protector adapter.



Suitable for the following helmets: Cross®Line helmets, see MFA Duro

ELECTRIC TORCH CONNECTION LH3

3990000515

- For connecting electric torches to all helmets with MFA system



Suitable for the following helmets: Cross®Line helmets, see MFA Duro

WEBBING CHINSTRAP

9000005560

- 4-point chinstrap made of webbing with key lock and 20 mm width



Suitable for all SCHUBERTH safety helmets

WEBBING CHINSTRAP

9000005510

- 2-point chinstrap made of webbing with sliding buckle and 15 mm width



Suitable for all SCHUBERTH safety helmets

WEBBING CHINSTRAP

9020000200

- 2-point chinstrap made of webbing with sliding buckle and key lock and 20 mm width



Suitable for all SCHUBERTH safety helmets

LEATHER CHINSTRAP

9000005610

- Leather chinstrap with quick-release fastener, sliding buckle and 12 mm width



Suitable for all SCHUBERTH safety helmets

LEATHER CHINSTRAP

9000005300

- 2-point leather chinstrap with clamping buckle and 12 mm width.



Suitable for all SCHUBERTH safety helmets

NATURAL LEATHER SWEATBAND

9040746310

- All-round sweat leather made of sumac tanned sheepskin



Suitable for all SCHUBERTH safety helmets except bump caps

ECO-LEATHER SWEATBAND

9040746000

- All-round sweatband made of biodegradable imitation leather



Suitable for all SCHUBERTH safety helmets except bump caps

WELLVITEX Z+ SWEATBAND

2000000399

- High-tech fibre made of high-quality, pharmaceutically pure zinc oxide with excellent properties: Wellvitex Z+ has an odour-reducing, cooling and antibacterial effect and helps to protect and regenerate stressed, irritated or even sick skin
- Certified according to Ökotex 100 class 1



Suitable for all SCHUBERTH safety helmets except bump caps

NATURAL LEATHER SWEATBAND

9040004410 Spare part for manual attachment

- All-round sweat leather made of sumac tanned sheepskin
- for mounting on the lining I/7B



Suitable for the following helmets: PE Cap

ECO-LEATHER SWEATBAND

9040746100 Spare part for manual attachment

- All-round sweatband made of biodegradable imitation leather
- for mounting on the lining I/7 BC-G



Suitable for the following helmets: Bump Cap, PE Cap

NECK LEATHER

9010006400

- Can be attached through slots in the helmet lining
- Neck leather to protect the neck area made of flame-retardant split leather
- Dimensions: 415 x 265 mm



Suitable for the following helmets: all thermosets (with GD-R lining), all thermoplastic helmets

NECK LEATHER

9010006415 Neck leather

9000906944 Fitting the press studs to the helmet

- Press studs fastening on the helmet shell
- Prior assembly of the push buttons required
- Neck leather to protect the neck area made of flame-retardant split leather
- Dimensions: 590 x 280 mm



Suitable for the following helmets: all thermosets

UV NECK PROTECTION

9010006402

- Can be attached to the helmet lining
- Reduces the risk of skin cancer when working outdoors
- Dirt and water repellent



Suitable for the following helmets: all thermosets (with GD-R lining), all thermoplastic helmets

ID BADGE HOLDER

2990000115

9000901000 incl. assembly

- Attachment to the helmet shell using a robust adhesive adapter, allowing for retrofitting
- Protects business cards and IDs from rain and splashes



Suitable for the following helmets: Cross@Line helmets and MasterGuard

COMFORT PAD

3990000700

- Comfort pad for wheel ratchet for extra padding at the back of the head.



Suitable for all SCHUBERTH safety helmets with wheel ratchet

PAPER CAP

9049100060 In dispenser of 100 pieces

- Hygienic headgear e.g. for factory visitors
- White blotting paper with elastic band
- To be worn under any safety helmet



Suitable for all SCHUBERTH safety helmets

WINTER HOOD

9049100031

- Knitted hood in wool / acrylic blend
- With ear and neck cover
- Comfortable to wear under any helmet.



Suitable for all SCHUBERTH safety helmets





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