

# STRIPE COMFORT

## User Manual

# STRIPE COMFORT, STRIPE COMFORT CLICK, STRIPE COMFORT CLICK LIGHT

## Full body / rescue harness

Subject to technical changes

---

### BRIEF DESCRIPTION

---

#### INTENDED USE

The STRIPE COMFORT full body harnesses are part of the personal protective equipment (PPE) of Category III to protect against falls from a height. The STRIPE COMFORT arrester harnesses serve exclusively to protect the wearer

- against falls from elevated area, e.g ladders, scaffolds, roofs, platforms
- in hazard zones when abseiling or rappelling
- Application temperature: -20 °C to +80 °C
- STRIPE COMFORT CLICK (VA):  
suitable for seawater areas and similar
- STRIPE COMFORT CLICK LIGHT (Alu):  
not suitable in explosive areas!

Recommended connecting equipment

- Full body harness in compliance with EN 353-2 or EN 353-1
- Energy-absorber connecting equipment in compliance with 354 or EN 355
- Height securing device in compliance with EN 360

Maximum user weight including clothing and equipment: 100 kg

**All other uses are deemed improper. The company BORNACK will not be liable for any ensuing damages. The user bears the sole risk.**

#### USE

- Arresting
- Restraining on the fall edge
- Rescue (active and passive)
- Climbing in guided fall arresters EN 353-1
- Positioning

#### EQUIPMENT

- Rear D-ring
- Front arresting loops
- D-rings on the side
- Ventral D-ring
- Very strong polyester strap
- Force-flow optimised CNC-seam patterns
- CLICK-BUCKLE EASY-GLIDE made of steel for size adjustment of the shoulder harnesses
- Harness fasteners with length adjustment of the leg straps and chest straps
- STRIPE COMFORT:  
Buckle fastener made of steel
- STRIPE COMFORT CLICK:  
CLICK-fasteners made of stainless steel
- STRIPE COMFORT CLICK LIGHT:  
CLICK-fasteners made of aluminium
- Strap end storage
- Hip comfort padding
- Universal size (XS - XL)
- Equipment bag for storage and transport

---

## BRIEF DESCRIPTION

---

### ACCESSORIES

- Special karabiner HEART LIGHT
- Press stud for attachment of V-PROTECT

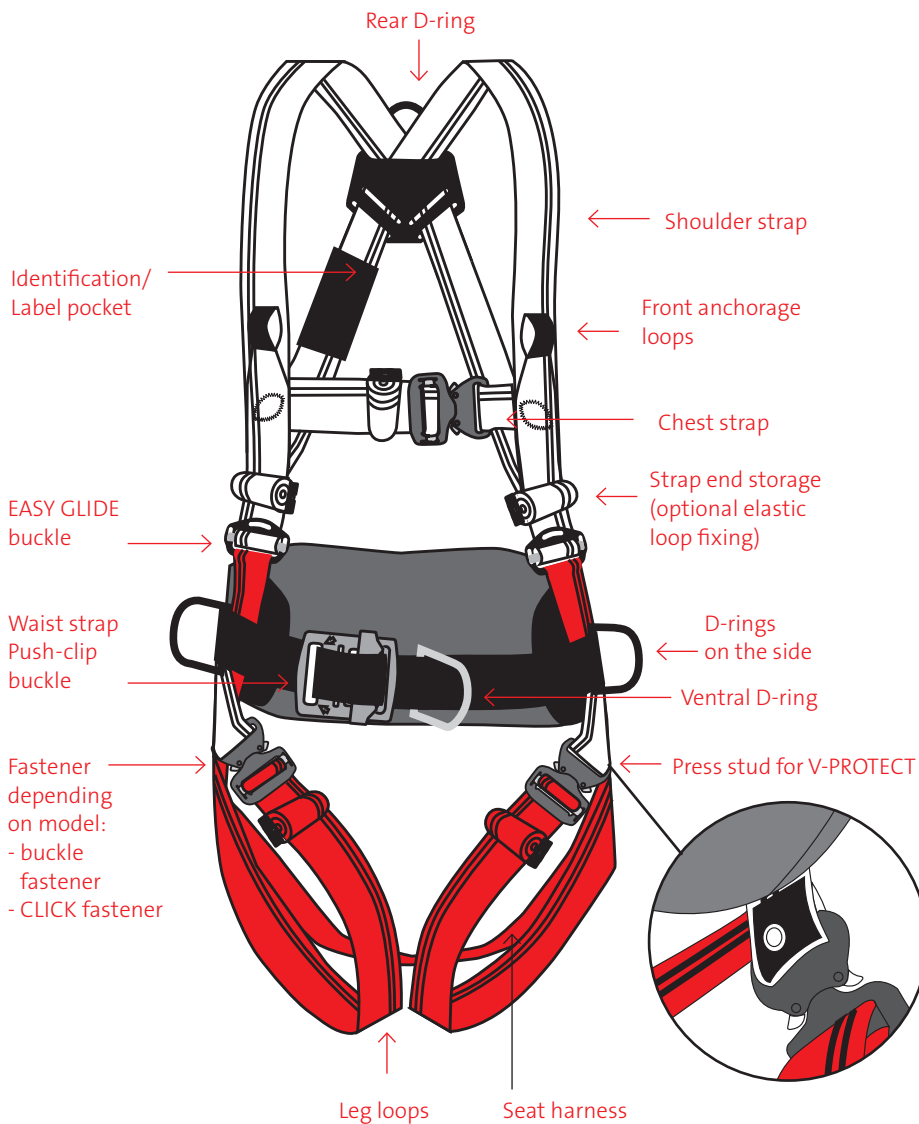
### USEFUL LOAD

The maximum number of users is 1 person.

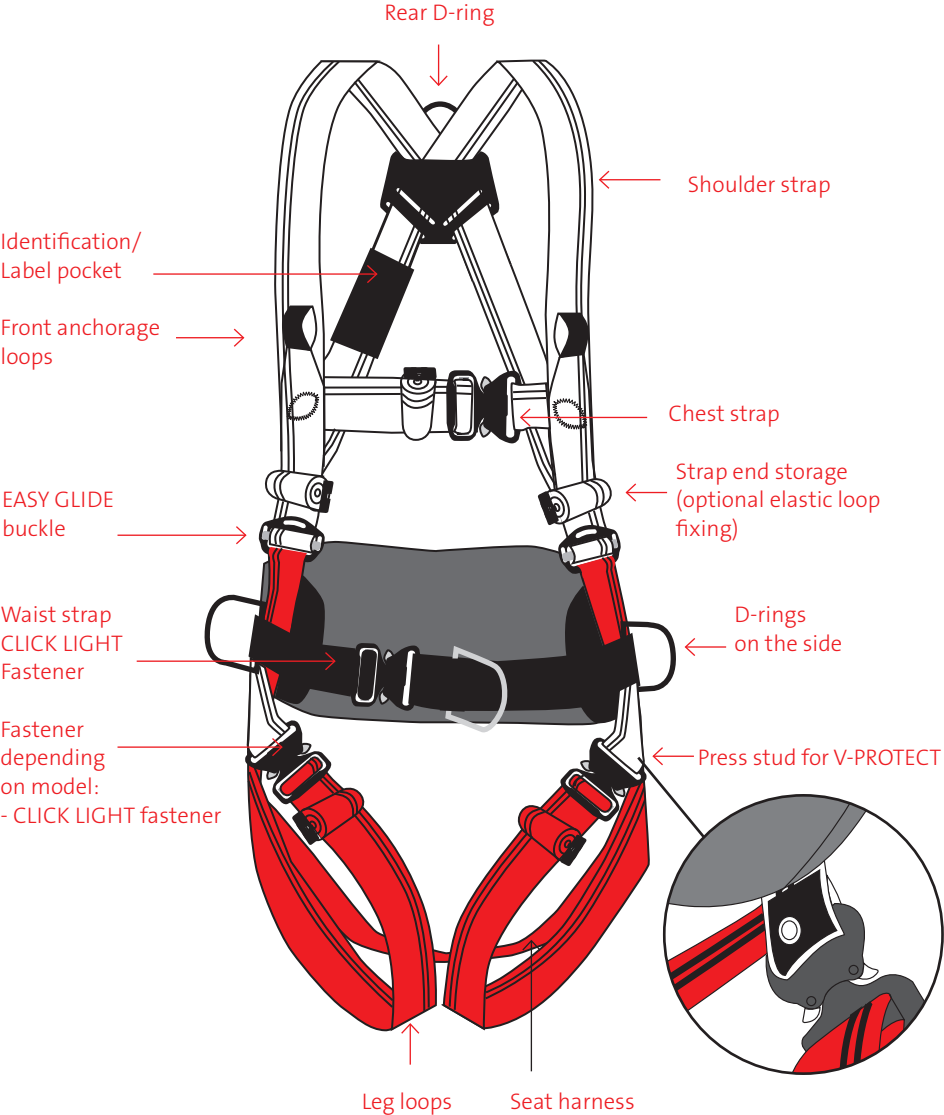
The arrester harnesses of the STRIPE COMFORT series were tested and certified for application cases in which the energy-absorbing connecting equipment (e.g. in compliance with EN 354 and EN 355) directs a maximum impact force of 6 kN into the arresting D-rings and arresting loops.

If users weigh more than the standard defined 100 kg, the physiological suitability must be explicitly verified. Connecting equipment suitable for the weight of the user must be used that, despite the weight of the user, does not exceed an impact force of 6 kN. If this is guaranteed and the securing chain is not overloaded, the STRIPE harness may be used by users weighing over 100 kg.

**STRIPE COMFORT, STRIPE COMFORT CLICK**



**STRIPE COMFORT CLICK LIGHT**



---

## INFORMATION BEFORE USE

---



**Always check every time  
before use!**

- The personal protective equipment (PPE) may no longer be used in the case of even very minor faults.
- Faulty PPE components may only be tested or repaired in a workshop authorised by BORNACK.
- Regular inspections are essential because the safety of the user depends on the efficiency and durability of the PPE.
- The user must have completely read and understood the User Manual before use.

The compatibility and use of the ventral D-ring must be tested on a rigid guide based on the operating instructions of the fall arrester that will be used. See page 9 for more information.

### VISUAL INSPECTION

Check that the equipment is undamaged and complete:

- Are all seams complete and undamaged?
- Can you see or feel any damage in the textile components?
- Are there any signs of damage to the fittings, D-rings, buckles, karabiners? Are they bent?
- Product identification legible?
- The last inspection by an expert was carried out within the past 12 months.

### FUNCTION TEST

- Do the fasteners run smoothly?
- Is the karabiner fastener and its lock fully functional?

## STRIPE COMFORT IN USE

### PREPARATION

Attach V-PROTECT. Check the size setting.  
Observe the V-PROTECT User Manual.



- A** Lift the harness of the rear arresting D-ring.  
All harness fasteners need to be open. Straps must hang freely and may not be twisted

Put on the arrester harness like a jacket:  
Arms through the shoulder straps. Close the chest strap. The front arresting loops must sit in the middle at chest height.

#### ATTENTION:



If the front arresting loops are used, both loops must be connected together with the karabiner acc. to EN 362.

- B** Close the waist strap.

Observe the information about closing the chest strap for each harness model on page 10/11.

- C** 1. Set the shoulder straps.

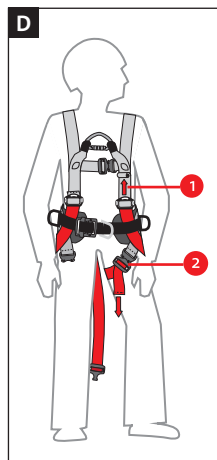
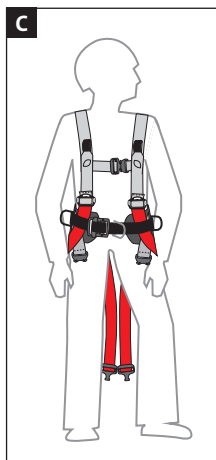
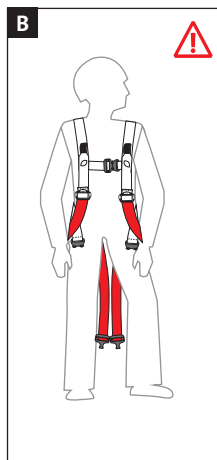
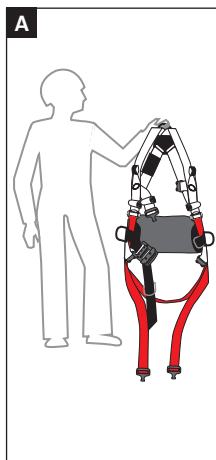
Adjust the harness to the body so that the seat harness is positioned below your bottom.

2. Close the leg loops.

Pull the leg loops individually between your legs and then close. Tighten the harness so that you can place one hand between the strap and your leg.

Check the fit of the arrester harness.

The shoulder harness and leg straps should be flush to the body but not too tight.



## STRIPE COMFORT IN USE

The shoulder harness straps should be set to the same length. The rear arresting D-ring must sit centrally between your shoulder blades. If necessary, suspend yourself in the arrester harness to test. If necessary readjust the harness fitting.

Roll up the excess strap end using the strap end storage feature and secure.

**CAUTION** check the rolling direction!  
An incorrectly harness strap end limits the clamping effect of the clamp buckle!



### CLIMBING WITH GUIDE TYPE FALL ARRESTERS

#### **Use with a guided type fall arrester on a rigid anchor line (EN 353-1)**

The two connected front arresting loops acc. to EN 361 must be used as a primary attachment type for guided type fall arresters.

If guide type fall arrester equipment is used other than the RS-S05 or RS-H05 approved by BORNACK, the user must carry out a risk analysis/compatibility check on the use of the ventral D-ring (tested acc. to EN 813 Section 5.3 and Section 5.4).

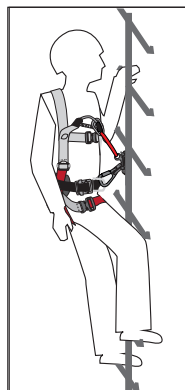
#### **Use with a guided type fall arrester on a flexible anchor line (EN 353-2)**

Guided type fall arresters with flexible anchor lines must be attached on the two connected front arresting loops or the rear D-ring.

Briefings should specifically address the potentially fatal risks connected to misuse (e.g. sliding on ladders by manipulating the guide type fall arrester including a rigid anchorage line 'ladder surfing'/negligent use of the harness). Any special or additional local and statutory in-

formation and instructions issued by the accident insurer must be observed. The ventral D-ring may not be used with rescue or rescue lifting devices acc. to

EN 341/ EN 1496, rope adjustment devices acc. to EN12841 and shock absorbers acc. to EN 355/354 and guided type fall arrester including a flexible anchor line EN 353-2.



e.g. RS-S05

**ATTENTION:**  
The tool loops on the side may not be used for attachment, arresting, holding or positioning! They are not adequately strong.



**ATTENTION:**  
The D-rings on the side must be positioned correctly and only serve holding, and may only be used with the certified restraint lanyard shortener system. EN 358.





---

## STRIPE COMFORT IN USE

---

### **COMBINATION**

When combining this product with other parts, there is a risk of mutual impairment with respect to the function and safety. Compatibility must be assessed during the risk analysis. Only combine with personal protective equipment that bears a CE symbol. If you have any questions about compatibility or you require help with the risk analyses, feel free to contact BORNACK.

---

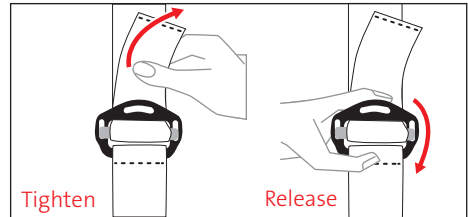
## FASTENERS IN USE

---

### EASY GLIDE BUCKLE

This buckle is only for adjusting the length of the harness strap.

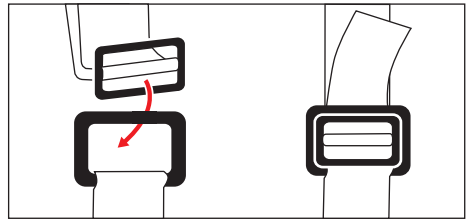
- Tilt the buckle.
- Pull the open strap to tighten until the required position is reached.
- To release/loosen the buckle, tilt and then pull it. When the buckle is let go, the strap position is maintained.



### BACK-LOADING FASTENER

This fastener is used to close and set the leg straps.

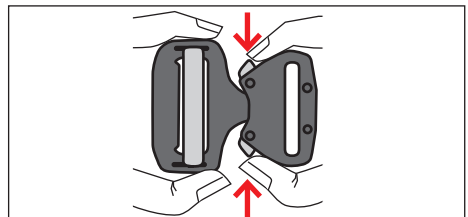
- Insert the back-loading frame diagonally and longitudinally through the large frame. Ensure that the strap end is at the top.
- Slightly tilt the frame of the buckle.
- Pull the respective strap until the required position is reached. When the strap is released, its position is maintained.



### CLICK FASTENER / CLICK LIGHT FASTENER

This fastener is used to close and set the leg straps or waist strap.

- With thumb and index fingers on both hands, slightly squeeze the buckle and exert pressure on the lock wings. If the CLICK fastener is under tension, it cannot be opened.
- Pull the respective strap until the required position is reached.
- To release the buckle setting, tilt and then pull the harness strap.



**ATTENTION:**  
Check that all fasteners are closed.



## FASTENERS & STRAP END STORAGE IN USE

### PUSH-CLIP BUCKLE

This fastener is used to set the waist strap of the STRIPE COMFORT CLICK LIGHT:

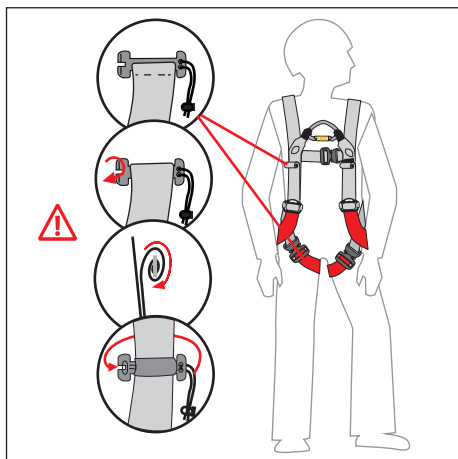
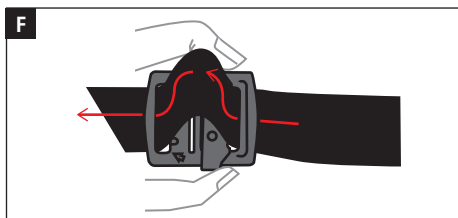
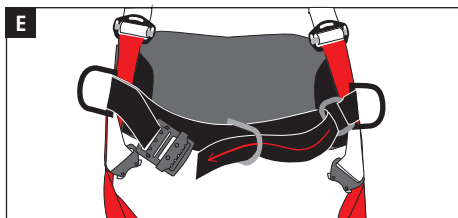
**E** Thread the end of the waist strap through the square frame on the left padding end. Guide back through the ventral D-ring to the buckle.

**F** Open the clamp-push with the thumb and index finger. Guide the waist strap from behind through the clamping mechanism (arrow mark 1 on the buckle.)

Release the clamp-push element. Pull the loose end of the strap until the required position is reached.

Feed the end of the strap through opening 2 (see arrow marking).

To release the buckle, tilt it by 180° and pull the clamp-push element backwards with the thumb and index finger.



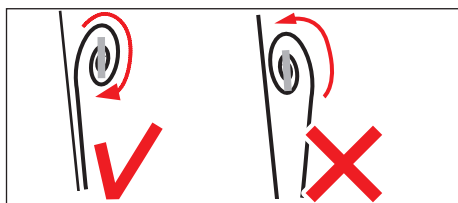
### STRAP END STORAGE

The strap end storage device serves secure storage of the free strap ends.

- Wind the strap outwards around the storage clip until approx. 1 cm from the strap fastener or the buckle.
- Guide the elastic band behind the adjusted strap and place the plastic stopper into the groove.



**CAUTION** check the rolling direction!  
An incorrectly harness strap end limits the clamping effect of the clamp buckle!



---

## SAFETY REGULATIONS

---

### **There is a risk to life if these safety instructions are not observed.**

- The personal protective equipment (PPE) may no longer be used in the case of even very minor faults.
- Damaged, fall-stressed or dubious personal protective equipment or safety devices must be immediately withdrawn and not used. The equipment may only be inspected by an expert in compliance with DGUV (German Social Accident Insurance) principle 312-906, by BORNACK or by a workshop authorised in writing by BORNACK. This must be documented in the test card.
- Independent modifications or repairs are not allowed.
- Rope protection (arrester harness) is part of the personal fall prevention equipment and should be assigned to a specific person.
- The PPE may only be used by trained persons that are familiar with the material and have been informed about the risks. They must be proficient in handling the personal protective equipment and must have been briefed about the possible risks associated with its use.
- In accordance with the accident prevention guidelines (UVV), the users of fall protective equipment (Category 3) must attend a theoretical training course and a practical training course. Make use of the training competence of the BORNACK training centres: [info@bornack.de](mailto:info@bornack.de)
- Clothing and shoes must be suitable for the task at hand and the weather conditions.
- Only use if fully fit and healthy.
- Health impairments can jeopardise the safety of the user when working at heights or depths.
- Calculation of the possible fall path if all necessary PPE components are used correctly: (if necessary braking path HSG) + surplus lanyard (situation-dependent) + braking path energy absorber (max. 1.75 m) + height of D-ring (1.5 m) + safety reserve 1.0 m.
- Before use, ensure adequate clearance below the user to prevent impact on a protruding object or the ground.
- Protect PPE during storing, use and transportation against the effects of heat (e.g. welding flames or sparks, burning cigarettes) and chemicals (e.g. acids, alkalis, oils) and mechanical impact (e.g. sharp edges).
- The combinability and protective effect of the PPE must be checked for each hazard situation (risk assessment).
- If a casualty hangs motionless in a full body harness for a longer time, blood cannot flow back from the legs and/or the flow may be interrupted. This can lead to a suspension trauma, a circulatory shock with serious to fatal consequences.
- Before starting work, the responsible person must draw up a plan of rescue measures that defines how to rescue casualties quickly and safely and ensures first aid measures. Casualties must be rescued within 20 minutes. BORNACK can help you draw up tailor-made rescue plans and includes these in the necessary training courses: [info@bornack.de](mailto:info@bornack.de).
- The local safety guidelines (e.g. in Germany, the DGUV Regulations 112-198 and 112-199 issued by the professional associations) and the accident prevention guidelines for the specific industry (UVV) must be observed.

---

## OTHER

---

### **APPROVAL:**

Complies with the Regulation (EU) 2016/425 for PPE.

EU type testing (Module B) and production monitoring (Module C2) by:

TÜV SÜD Product Service GmbH  
Ridlerstr. 65, 80339 München  
CE 0123

Quality management system certified to ISO 9001:2015.

Production monitoring by notified office in accordance with Category III.

### **REGULAR INSPECTIONS**

- This personal protective equipment must be inspected at least once a year by an expert in compliance with DGUV Principle 312-906. The result must be documented in the test card at the end of this User Manual.

### **SALES**

- The dealer must ensure that the User Manual is supplied in the language of the designated country. The respective translation must be authorised by BORNACK.

### **SERVICE**

If you have any further questions about this PPE or other BORNACK services, such as:

- Risk analyses
- Rescue plans
- Training courses
- Expert inspections
- Technical inspections
- Maintenance + inspections

please contact our e-mail hotline:  
[info@bornack.de](mailto:info@bornack.de)

We will be happy to help!

### **MAINTENANCE**

- If necessary, apply a small amount of oil on the joints so that the moving parts of the karabiner and other devices run smoothly. (e.g. on the karabiner, click fasteners and other devices) keep clean. If possible, use precision mechanics oil. Ensure that the oil does not come into contact with textile PPE components.
- Maintenance may only be carried out by a qualified expert in compliance with DGUV Principle 312-906. All instructions in this User Manual must be strictly observed.
- Protective equipment that is clean and well looked after will last longer!

---

## OTHER

---

### CLEANING

- Dry damp personal protective equipment in the air, not on artificial heat sources. Dry metal components with cloths.
- Clean soiled textile components (e.g. arrester harnesses and ropes etc.) with lukewarm water and a little detergent for delicates. Then rinse carefully and allow to dry in the air. Other cleaning agents are not allowed!
- If disinfection is necessary, please contact the e-mail hotline:  
info@bornack.de
- If the personal protective equipment comes into contact with saltwater, keep it wet until it can be rinsed with plenty of distilled water.
- Use compressed air to blow on the unit if necessary.

### LIFE SPAN

The following recommendation applies for the use of the STRIPE COMFORT arrester harnesses series:

#### **Maximum usage period after being used for the first time:** 10 years

In ideal storage conditions and annual inspections, the product may be stored for up to 3 more years before it is used for the first time without impacting on the stated maximum usage period. Every further year in storage reduces the final maximum allowed usage period by 1 year.

Metal parts are not subject to age-related life span deadlines. The expert makes a decision based on his technical expertise and the latest version of the standard.

For reasons of safety, intensive use and/or extreme application conditions such as sharp edges, chemical influences, UV radiation etc. will reduce the usage period. The company owner needs to take this into account in the workplace risk analysis.

The company owner must ensure compliance with the maximum usage period by documenting first-time use in the test card.

The test card at the end of this User Manual must be presented during the regular expert inspections and be completed by an expert.

For more details, please visit [www.bornack.de](http://www.bornack.de).

### REPAIRS

- Repairs may only be carried out by BORNACK or in a workshop authorised in writing by BORNACK.
- Only original spare parts from the manufacturer may be used.

---

## OTHER

---

### STORAGE

- Dry wet PSA **before** storage.
- Store in a dry place away from direct sunlight.
- Do not store PPE near radiators. Permanent exposure to temperatures below 0 °C or above +50 °C has a negative impact on the strength of the textile material and shortens the life span.
- Do not allow PPE to come into contact with aggressive substances (e.g. oils, grease, acids, chemicals). Precision mechanics oils may be applied to moving metallic parts during maintenance. Always ensure that textile PPE components do not come into contact with the oil.
- Do not store personal protective equipment close to aggressive substances (see above) because even the vapours of aggressive substances can have a negative effect on the strength of the PPE.
- Store the personal protection equipment in the device case or harness bag.

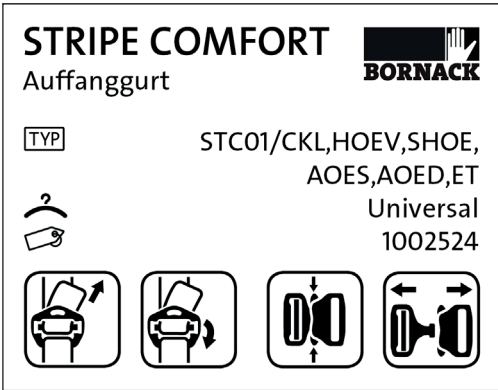




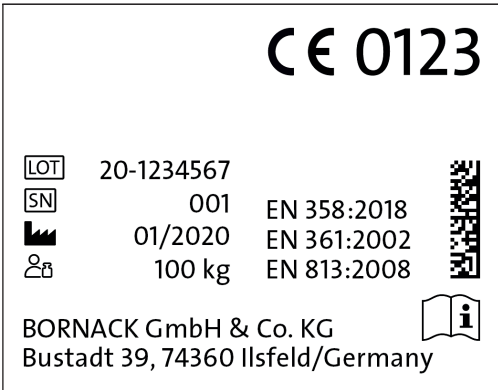



### TRANSPORT

- Transport the personal protection equipment protected in a device case or device bag.

**OTHER**

**PRODUCT IDENTIFICATION**

The following identification is on the product:

<p>Product name →</p> <p>Product category →</p> <p>Product type →</p> <p>Size →</p> <p>Item no. →</p> <p>Buckle instructions →</p>	 <p><b>STRIPE COMFORT</b> </p> <p>Auffanggurt</p> <p><b>TYP</b> STC01/CKL,HOEV,SHOE, AOES,AOED,ET</p> <p>Size  Universal</p> <p>Item no.  1002524</p> <p>Buckle instructions </p>	<p>← Logo</p>
<p>Charge →</p> <p>Serial no. →</p> <p>Production date →</p> <p>Max. user weight →</p> <p>Manufacturer address →</p>	 <p><b>CE 0123</b></p> <p><b>LOT</b> 20-1234567</p> <p><b>SN</b> 001 EN 358:2018</p> <p> 01/2020 EN 361:2002</p> <p> 100 kg EN 813:2008</p> <p>BORNACK GmbH &amp; Co. KG </p> <p>Bustadt 39, 74360 Ilsfeld/Germany</p>	<p>← CE symbol</p> <p>← Data matrix</p> <p>← Observe/ read the User Manual.</p>



# TEST CARD

## FOR ANNUAL MONITORING

The test card must be completed in full by the expert during the annual inspection.

Type product name: \_\_\_\_\_

This test card does not claim to cover all test criteria and does not relieve the expert from his decision about the overall condition.

Production date: \_\_\_\_\_

Serial no.: \_\_\_\_\_

Purchase date: \_\_\_\_\_

Manufacturer:  
 BORNACK GmbH & Co.KG  
 info@bornack.de  
 www.bornack.de

Date of first Use: \_\_\_\_\_

Maximum life span until: \_\_\_\_\_

Application field: \_\_\_\_\_

	Date	Signature	Next inspection	Reason for inspection
Year 1				
Year 2				
Year 3				
Year 4				
Year 5				
Year 6				
Year 7				
Year 8				
Year 9				
Year 10				



## EU DECLARATION OF CONFORMITY



### EU Declaration of Conformity

The manufacturer or his authorised representative established within the EU

BORNACK GmbH & Co. KG  
Bustadt 39  
74360 Ilsfeld  
Germany

hereby declares that the following personal protective equipment

Full body harness  
**STRIPE BASIC / STRIPE COMFORT**

- is in conformity with the relevant harmonisation legislation according to Annex V (Module B) of the Regulation (EU) 2016/425 on personal protective equipment according to Article 19 (category III PPE) and is examined to **EN 358:2018 (STRIPE COMFORT only)** **EN 361:2002**  
**EN 813:2008 (STRIPE COMFORT only)**

- is identical to the PPE that is the object of the **EU type-examination certificate**  
**No. P5A 040506 0280 Rev. 00**

issued by

TÜV SÜD Product Service GmbH  
Zertifizierstelle  
Ridlerstraße 65  
80339 München  
Germany  
CE 0123

- is subject to the assessment of conformity to type, based on internal production control plus supervised product checks according to Module C2 of the Regulation (EU) 2016/425 for personal protective equipment (category III PPE), monitored by the notified body

TÜV SÜD Product Service GmbH  
Zertifizierstelle  
Ridlerstraße 65  
80339 München  
Germany  
CE 0123

20 March 2020

BORNACK GmbH & Co. KG

  
Ulrike Bornack  
Managing Director



### **FALLSTOP**

Safety equipment for securing and rescuing at heights and depths

### **SAFEPOINT**

Planning and assembly of stationary securing systems

### **BORNACK GmbH & Co. KG**

Bustadt 39  
74360 Ilsfeld  
Germany

Tel + 49 (0) 70 62 / 26 90 0-0  
Fax + 49 (0) 70 62 / 26 90 0-550  
info@bornack.de  
www.bornack.de

© BORNACK – Subject to technical changes  
Reprinting or duplication, even of excerpts, is only permitted  
with written consent  
Status: 06/2020 GAL Art.-No. 8000012\_EN ebo

