

STRIPE BASIC

User Manual

STRIPE BASIC, STRIPE BASIC CLICK, STRIPE BASIC CLICK LIGHT

Full body / rescue harness

Subject to technical changes

BRIEF DESCRIPTION

INTENDED USE

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

- from falling in fall hazard areas, e.g. ladders, scaffolding, roofs, platforms
- in hazard zones when abseiling or rappelling
- Application temperature: -20 °C to +80 °C
- STRIPE BASIC CLICK (VA): suitable for seawater areas and similar
- STRIPE BASIC CLICK LIGHT (aluminium): 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

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 vertical fall-arrest-system

EQUIPMENT

- Rear arresting D-ring
 - Front arresting loops
 - 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 BASIC:
Buckles made of steel
- STRIPE BASIC CLICK:
CLICK-fasteners made of stainless steel
- STRIPE BASIC CLICK LIGHT:
CLICK-fasteners made of aluminium
- Strap end storage
 - Universal size (XS - XL)
 - Equipment bag for storage and transport

BRIEF DESCRIPTION

ACCESSORIES

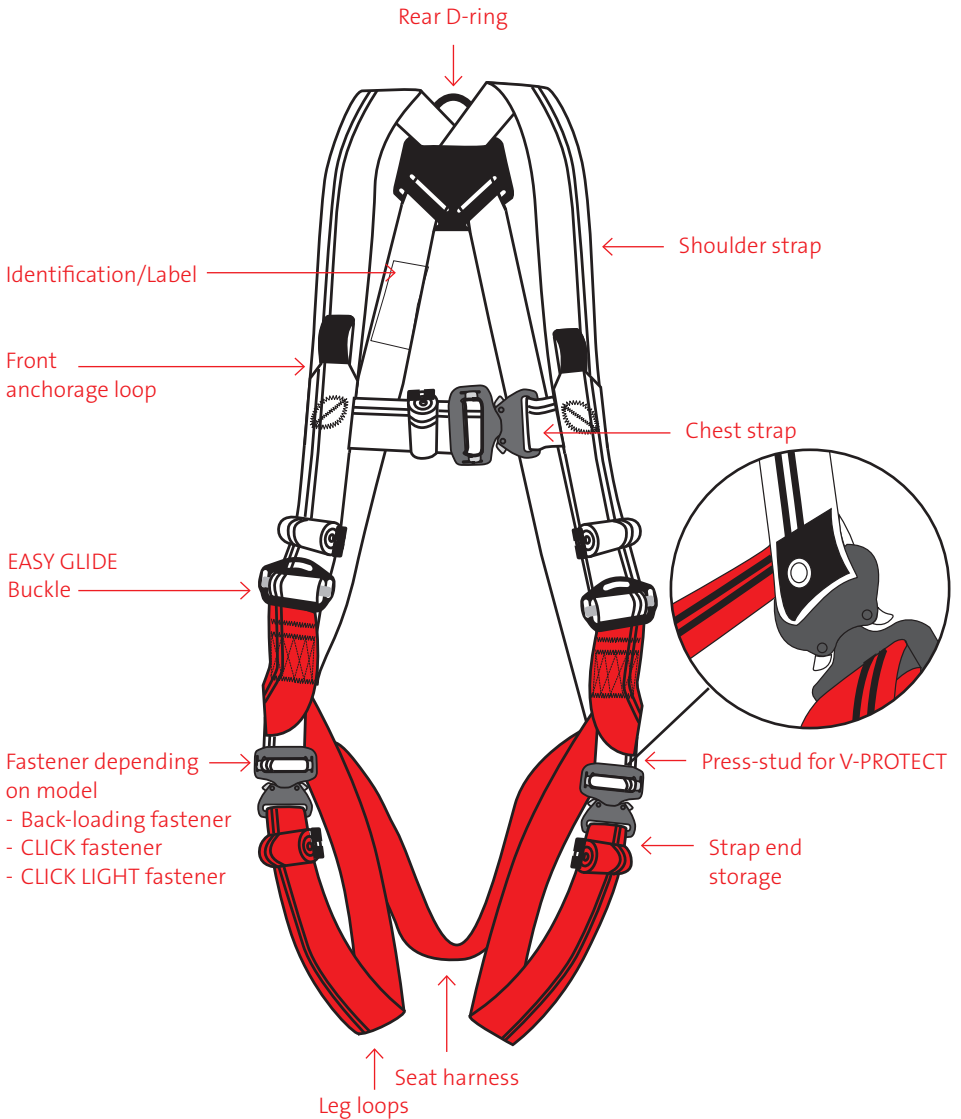
- Special karabiner HEART LIGHT
- Press stud for attachment of V-PROTECT

USEFUL LOAD

The maximum number of users is 1 person.

The arrester harnesses of the STRIPE BASIC 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 BASIC harness may be used by users weighing over 100 kg.



INFORMATION BEFORE USE



Always check 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 in writing 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.

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?
- Are the karabiner fastener and its lock fully functional?

STRIPE BASIC IN USE

PREPARATION

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



A Lift the arrester harness on the rear arresting D-ring. All harness fasteners need to be open. Harness must hang freely and may not be twisted

B Put on the arrester harness like a jacket: Arms through the shoulder harness.

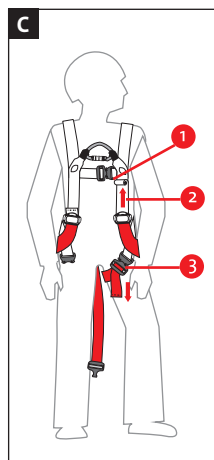
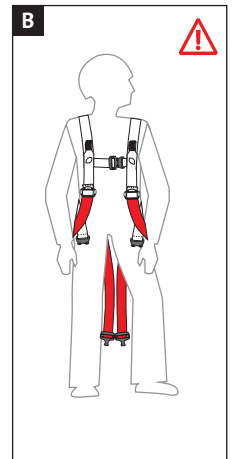
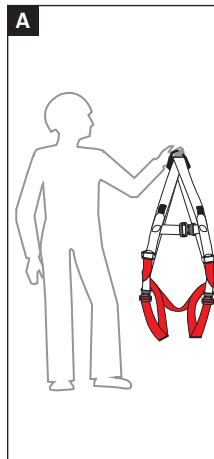
C 1. Close the chest harness.
The front arresting loops must sit in the middle at chest height.

CAUTION:
If the front arresting loops are used, both loops must be placed jointly on the karabiner in compliance with EN 362



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

3. 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.



STRIPE BASIC IN USE

Check the fit of the arrester harness.
The shoulder harness and leg straps should be flush to the body but not too tight.
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 that all fasteners are closed.



CAUTION Observe roll-up direction!

A strap end that is rolled up incorrectly will restrict the clamp effect of the click-buckle!



COMBINATION

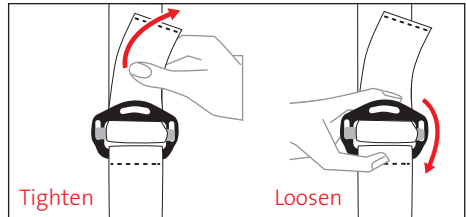
When combining this product with other parts, there is a risk of mutual impairment with respect to the function and safety. Compatibility must be assessed during the risk analysis. Only combine with personal protective equipment that bears a CE symbol. If you have any questions about compatibility or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

BELT FASTENERS IN USE

EASY GLIDE CLICK BUCKLE

This buckle only serves to adjust the length of the straps:

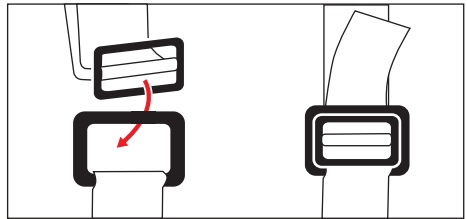
- Tilt the buckle.
- Pull the open strap to tighten until the required position is reached. To release/loosen the buckle, tilt and then pull it. When the buckle is let go, the strap position is maintained.



BACK-LOADING FASTENER

The fastener serves to close and adjust the leg straps.

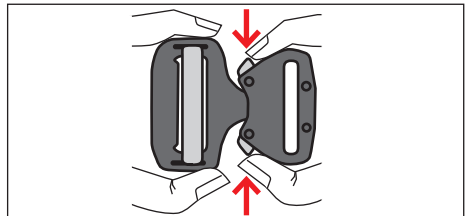
- Insert the back-loading frame diagonally and longitudinally through the large frame. Ensure that the strap end is at the top.
- Slightly tilt the frame of the buckle.
- Pull the respective strap until the required position is reached. When the strap is let go, its position is maintained.
- Pull the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



CLICK FASTENER / CLICK LIGHT FASTENER

The fastener serves to close and adjust the leg straps.

- Using your thumbs 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.
- If the click fastener is taut, it cannot be opened.



STRAP END STORAGE IN USE

STRAP END STORAGE

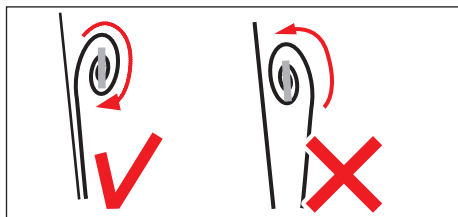
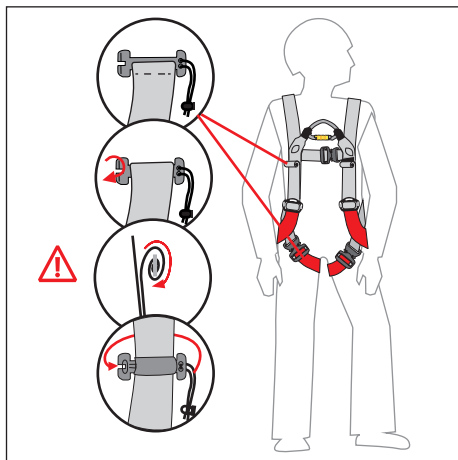
The strap end storage device serves secure storage of the free strap ends.

- 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 Observe roll-up direction!



A strap end that is rolled up incorrectly will restrict the clamp effect of the click-buckle!



SAFETY INSTRUCTIONS

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 and/or a workshop authorised in writing by BORNACK. This must be documented in the test card.
- Rope protection (arrestor 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. To this end, make use of the training competence of the BORNACK training centres: 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 using, ensure adequate clearance below the user to prevent impact on a protruding object or the ground.
- Protect personal protective equipment 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, etc.) and mechanical effects (e.g. sharp edges).
- The combinability and protective effect of the PPE must be checked for each hazard situation (risk assessment). The compatibility and protective effects of the PPE must be checked for each hazard situation (risk analyses).
- 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. Training: 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 EC Directive 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 send your questions to our e-mail hotline: 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. 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) 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 BASIC arrester harnesses:

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 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

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 damp PPE **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 strap 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:

Product name →	STRIPE BASIC	CE symbol ↓	CE 0123		← Logo
Product type →	Auffanggurt				
Product type →	 STB01/SRS,VP,AOES,AOED/-				← Data matrix
Size →	 Universal				
Article No. →	 1004349		EN 361:2002 ←		← EN Norm
Charge →	 18-1234567				
Serial no. →	 001		BORNACK GmbH & Co. KG		
Production date →	 12/2018		Bustadt 39, 74360 Ilsfeld Germany		← Read / observe the user manual
		↑	Manufacturer address		

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



TEST CARD

FOR ANNUAL MONITORING

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

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

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

Type Product name: _____

Production date: _____

Serial no.: _____

Purchase date: _____

Date of first use: _____

Life span end at the latest: _____

Application scope : _____

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



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

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Fax + 49 (0) 70 62 / 26 90 0-550
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