1) Designation of the components

1. Storage compartment for hanger
2. Storage comparment for carrying handles
3. Head cover
4. Patient Access
5. Compression straps
6. Hedging loops
7. Head opening
8. Lashing system head opening
10. circumferential zipper
12. Hangers
13. Sail
14. Fastening buckles sail
15. Storage compartment for vacuum pump
17. Anti-slip stretcher
18. Patient zipper
19. Center compression zippers
20. Zipper lock
22. Compression straps head area / Zipper lock

1) Designation of the components

(1) Storage compartment for hangers

(2) Storage compartment for carrying handles

(6) Hedging loops

(9) Insulation blanket

(10) circumferential zipper

(11) Chest harness patient

(15) Storage compartment for vacuum pump

(16) Feedthrough hose vacuum pump

(17) Anti-slip stretcher

(21) Slide stop

2) Before use

The complete PAX Rescue Bag RTS AIR as well as all additional protective equipment and its individual parts must be checked for damage due to deformation, cracks or wear before use. The complete function must be given. In case of doubt regarding the safe condition, the product must be immediately withdrawn from use.

3) Use of the PAX Rescue Bag RTS AIR

A) Spread out rescue bag

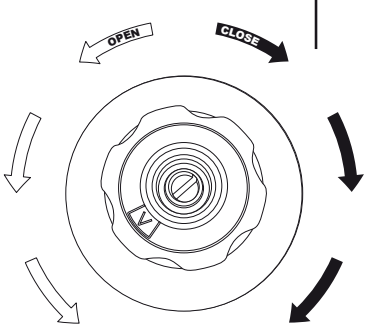
Spread out the PAX Rescue Bag RTS AIR on a flat surface near the patient.
Now open the rescue bag using the all-round zipper (10) and the zippers (18+19).

B) Prepare vacuum mattress

Make sure that the PAX Vacuum Mattress AR2 is completely unfolded and not vacuumed. Make sure that the vacuum valve is closed.

Front view

Rear view



Passing the hose connection from vacuum pump to vacuum mattress in the storage compartment provided for this purpose at the end of the rescue bag.

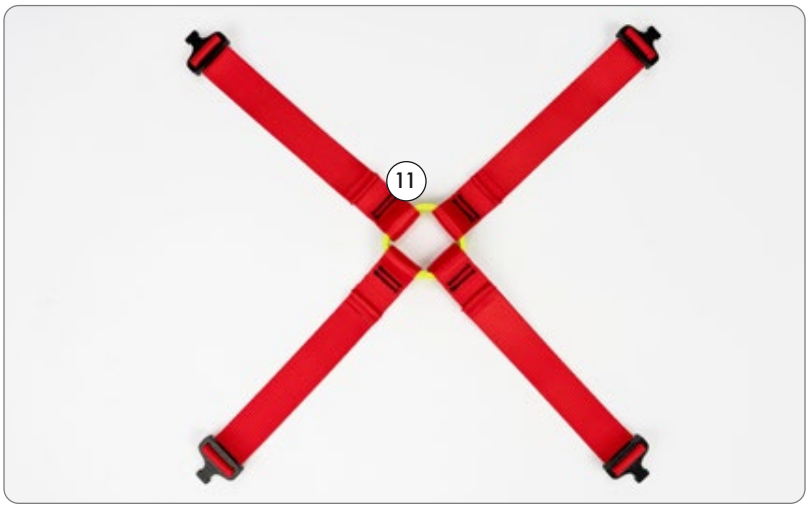
C) **Patient positioning**

If the situation requires, you can remove the vacuum mattress from the rescue bag in order to position the patient optimally on the vacuum mattress.
Then model the vacuum mattress around the patient to achieve a stable and comfortable position.

⚠ Attention

Do not shape the vacuum mattress around the head from above or around the feet from below, as this may result in unwanted pressure on the spine.
Now vacuum the air and reshape the mattress in the process.

The patient can now be transferred to the PAX Rescue Bag RTS AIR on the vacuum mattress. Now put on the chest harness (11) integrated in the rescue bag.
To do this, close all the buckles and pull the fixation straps tight.



Chest harness patient

Chest harness patient closed

D) Establishment of readiness for transport

Now close the rescue bag using the circumferential zipper (10).
Then use the right-hand patient zipper (18), which is located at the head opening, to close the head opening.

For particularly large persons, the two central compression zippers at the head opening can remain open.

If too much material protrudes, you can also close the two zippers to tighten the material.

E) PAX Rescue Bag RTS AIR - Warming Blanket

In cold weather conditions it is possible to install an insulation blanket on the inside of the PAX Rescue Bag.

For this purpose, the supplied insulation blanket can be attached to the inside of the lid with the press studs.

To protect the patient from the downwash of the helicopter, a protective cover can be installed in the head area.

This is inserted into the head opening of the rescue bag using a zipper and the integrated snaps.

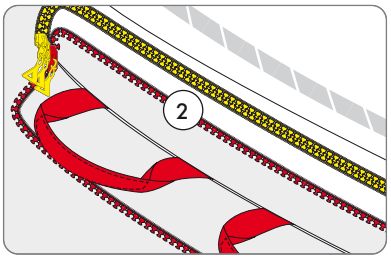
To treat the patient in the helicopter, the central patient access (4) can be opened.

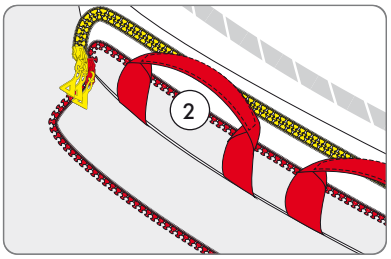
For optimum adjustment of the head opening, there is a compression
The front side of the rescue bag is equipped with a compression cord (8).

The compression cord (8) reduces the width of the head opening.
To make the adjustment, open the zipper compartment and take out the cord.
By pulling the ends of the cord, the desired compression of the area can be made.
Use the integrated tanka to hold the cord in place. Then stow the remaining cord in the zipper pocket.

F) Patient transport by land

There are 5 carrying handles (2) on both sides for transporting patients by land.
To do this, open the ■ red zippers running along the sides and take out the carrying handles.





G) Patient transport by air

There are pre-installed hangers (1) on both sides for transporting patients by air. To do this, open the yellow zippers running along the sides and take out the two hangers. There is a delta screw link at the end of each hanger.
The individual suspension cords must be threaded into the delta screw link before first use.

The delta screw link must then be closed with 3 Nm torque. Now close and compress the color-coded compression straps (5). This compresses the rescue bag and thus prevents it from „inflating" during transport in the air. Here, the color code of the straps must be observed. The colored straps must be threaded into the counterparts of the same color with buckle.

Threading the compression straps

The patient is „ready to fly"

Hook both delta screw links into the corresponding carabiner. Make sure that both hangers are not twisted or damaged and that the delta screw links are tightly closed and correctly hooked into the carabiner. Also check that the carabiner is securely and tightly closed. You can now hang the rescue bag on the winch of your helicopter.

Compression head area / zipper lock

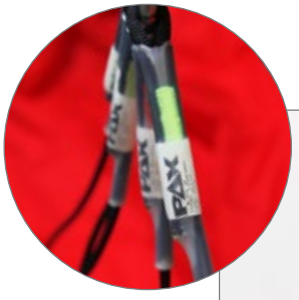
To compress protruding material in the head area, there are compression straps on both sides of the yellow zipper compartment. The small stainless steel carabiner at the end of the yellow webbing is hooked into the blue loop, of the zipper located on the chest (10 + 18). Now pull on the other end of the yellow webbing to compress the excess material in the head area. To release the compression again, operate the adjustment buckle.

Head compression open

Head compression closed

Passage of the hanger through the color-coded loops

Hangers fixed



H) PAX Rescue Bag RTS AIR lift

Before lifting the rescue bag, check the complete securing chain again and make sure that all connections are correctly hooked in.

For transporting the rescue bag to the patient, it can be suspended in the folded state from the two textile securing eyelets (6).

To prevent the rescue bag from rotating in the air, you have two options.
Option 1 is to secure the bag with a rope. This rope is attached to one or more of the three eyelets provided for this purpose on the underside of the PAX Rescue Bag and held by a person on the ground. This can prevent rotation of the bag during the lift.

Alternatively, the accompanying rescuer can stabilize the rescue bag using an adaptable sail (13).
To do this, the optional sail (Item No.: 160900301) is fixed to the upper cover of the foot end using the black buckles (14). Here, the yellow compression strap must be guided through the small opening in the sail.
Make sure that the handle of the sail points towards the patient's head. The rescuer can counteract the rotation by moving the sail.

I) Secure the rescue bag in the helicopter against sliding

To secure the rescue bag on the stretcher in the interior of the helicopter against slipping, the fixing loops must first be fastened to the stretcher using an anchor stitch knot. The rescue bag can then be fixed to the stretcher using the integrated buckles (17) and secured against slipping.

⚠ Attention

Securing the rescue bag via the loops on the stretchers of the helicopter, does not replace the securing of the patient by means of the restraining straps of the stretcher.

Insertion of the fastening buckle for attachment to the stretcher

Loop in the fastening strap for attachment to the stretcher

J) Patient care during the flight

In order to be able to optimally care for the patient during the flight, it is possible to open the head section and the upper part of the top cover. To do this, loosen the previously tightened adjustment option at the head end and the two yellow compression straps at the side of the head. Now open the patient zipper (18) on the right side as well as the all-round zipper (10).
Alternatively, only the patient access (4) can be opened.
Finally, loosen the two crossed, color-coded compression straps in the chest area.
You can now fold down the top cover towards the foot end and treat the patient.

4) General information

Read these instructions before using the PAX Rescue Bag RTS AIR and make sure you understand them.
The instructions must always be available in the respective national language. The instructions must be made available to the user.

5) Technical data PAX Rescue Bag RTS AIR

Width:	50 cm
Length:	210 cm
Height:	55 cm
Weight without packaging:	7,8 kg
Max. Patient weight:	200 kg

Operating conditions

Ambient temperature:	-50 °C to +50 °C
Relative humidity:	0 % to 95 % non condensing

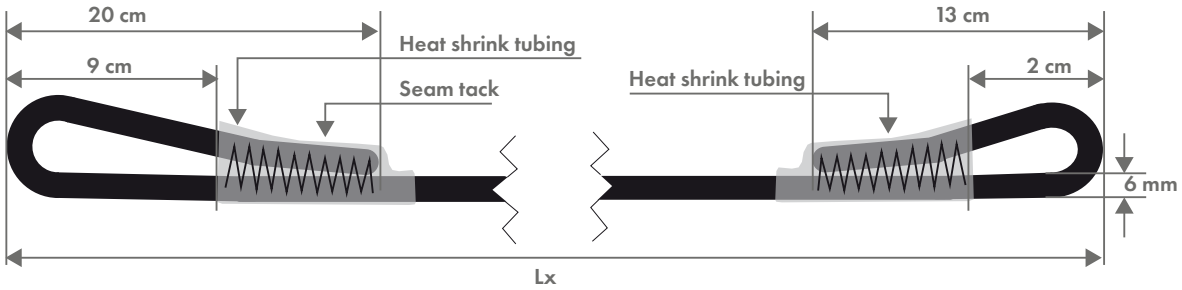
Storage

Temperature:	-50 °C to +50 °C
Relative humidity:	0 % to 95 % non condensing

Hanger line 6 mm

Diameter:	6 mm
Weight per meter:	25 g/m
Maximum traction:	15 kN
Elongation at max load:	4,5 %
Color:	black
Core:	Aramid
Sheath	Polyester

Color:	**Length (Lx):**
yellow	107,5 cm
red	96 cm
green	88 cm
blue	98 cm
orange	117 cm



Steel Strong Triple Carabiner

Weight:	267 g
Breaking load:	Breaking load lengthwise: 50 kN Breaking load transverse: 15 kN Breaking load open: 15 kN
Color:	silber
Certification:	EN 362:2004
Closure type:	Triple Lock-Verschluss

Delta Schraubglied

Weight:	85 g
Breaking load:	Breaking load lengthwise: 27 kN Breaking load transverse: 10 kN Breaking load open: 9 kN
Color:	silver
Certification:	CE EN 362 type Q
Closure type:	Screw link, 3 Nm tightening torque

6) Information label

(A) Serial number and associated barcode

(B) Item No.

(C) Item description german
Item description english

(D) Note icon (read user notes!)

(E) Note icon (item complies with CE standard)

(F) Note icon (manufacturer)
Manufacturer name and postal address