



## RESTUBE Lifeguard – Self Inflating Rescue Buoy Instruction Manual

[Home](#) » [RESTUBE](#) » RESTUBE Lifeguard – Self Inflating Rescue Buoy Instruction Manual 

# Restube **lifeguard**

Self-Inflating Rescue Buoy  
Instruction Manual



INFO & VIDEO: [www.restube.com/lifeguard](http://www.restube.com/lifeguard)

### Contents

- [1 Important information](#)
- [2 Contents of packing](#)
- [3 Safety notes](#)
- [4 Operation and maintenance](#)
- [5 Storage, care, maintenance, and disposal of your RESTUBE product](#)
- [6 Documents / Resources](#)
  - [6.1 References](#)
- [7 Related Posts](#)

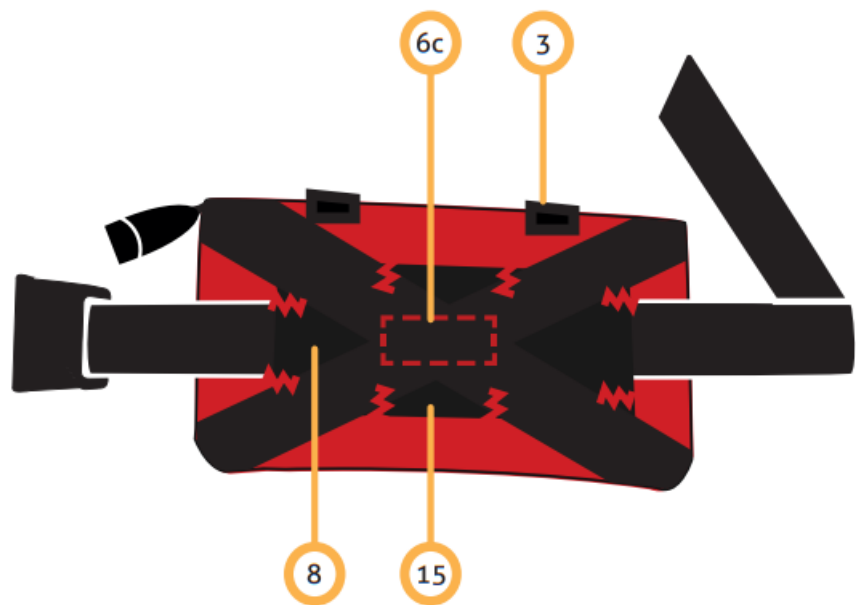
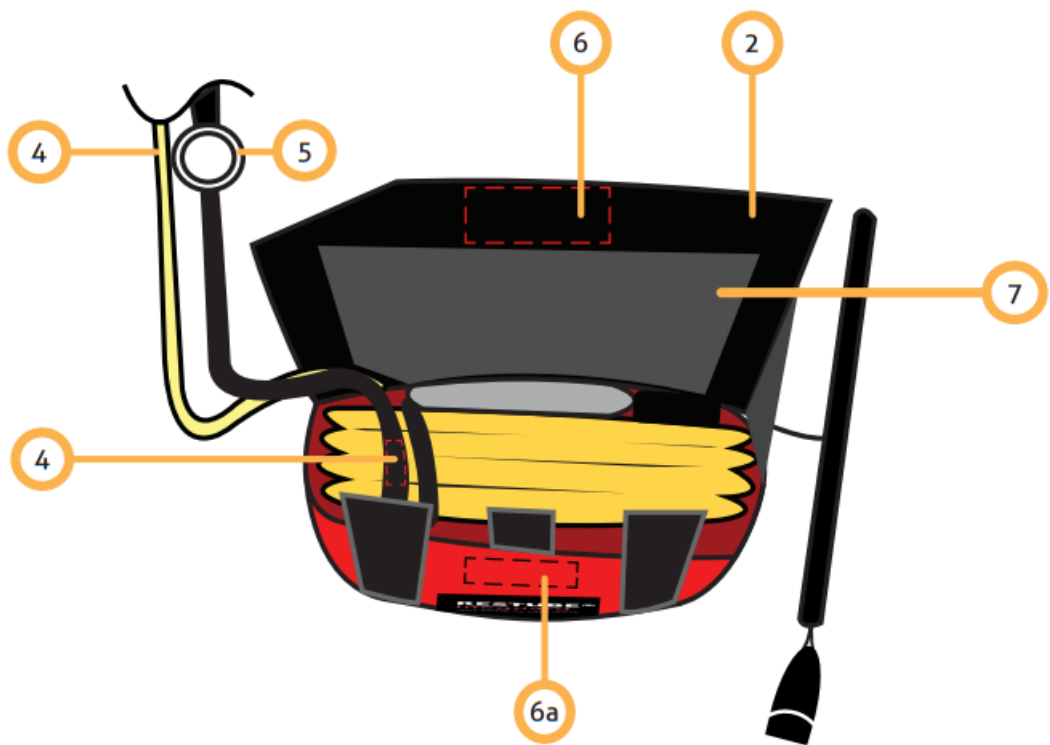
## **Important information**

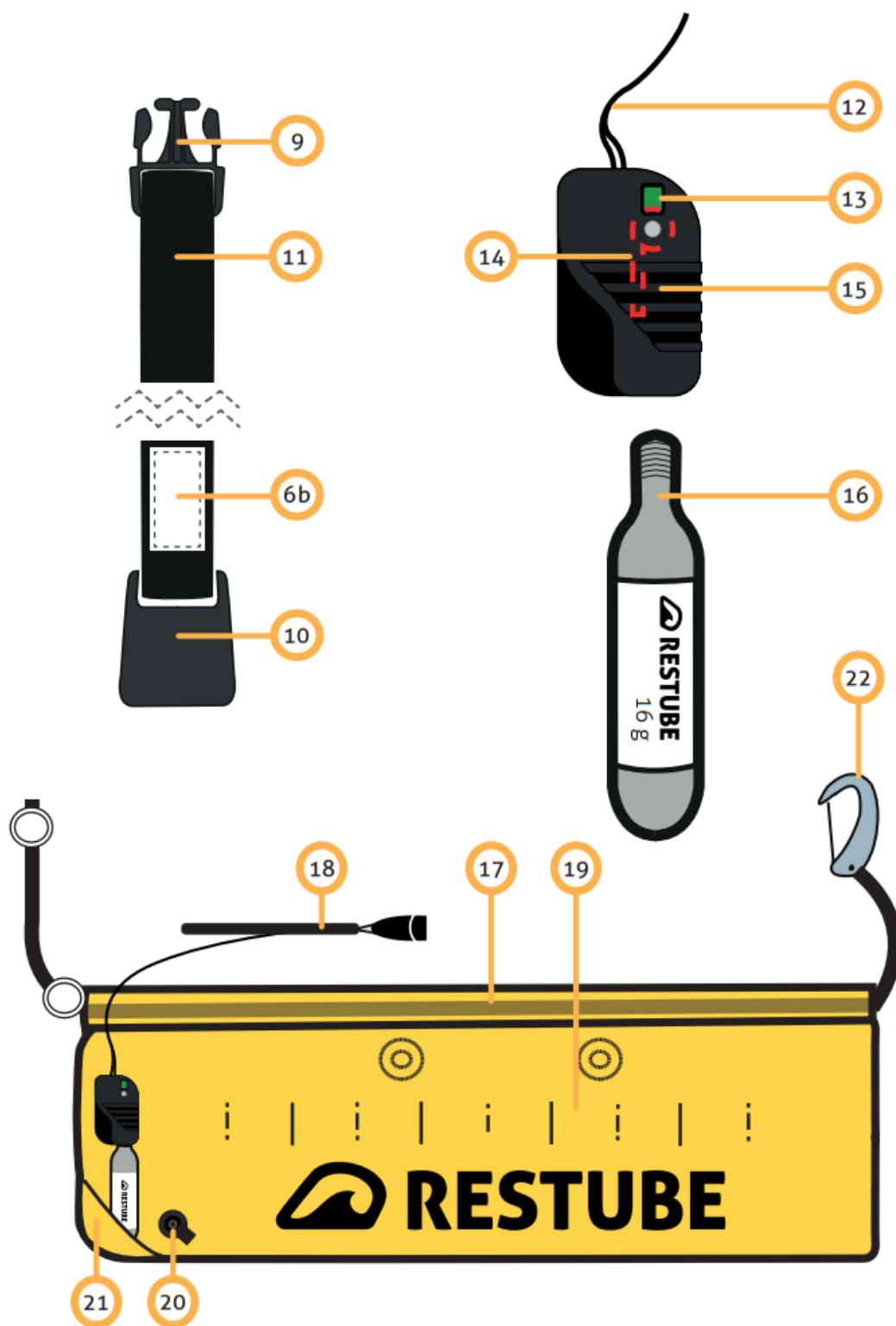
### **Thank you for choosing RESTUBE! Restube...**

- is not a life jacket or a “personal flotation device (PFD)
- may not be used as a substitute for a life jacket or PFD
- does not provide protection in case of unconsciousness and does not guarantee protection against drowning.
- requires user action to inflate.
- is suitable for qualified rescuers. The use of the product must be learned and trained regularly.
- is a supporting addition to conventional life-saving devices and must not be used as a substitute for them.
- is not designed to lift a person out of the water with the integrated belt system.
- is not approved by TÜV, U.S. Coast Guard, or similar institutions.

### **> Active user intervention is necessary**

### **Pocket**





## Contents of packing

- |                                |  |
|--------------------------------|--|
| 1. Pocket                      | 12. Trigger cord                                   |
| 2. Flap                        | 13. Lever position                                 |
| 3. Loop                        | 14. Release lever                                  |
| 4. Rope                        | 15. Trigger mechanism                              |
| 5. Ring webbing                | 16. Original RESTUBE-CO <sub>2</sub> -Canister     |
| 6. Velcro                      | 17. Ring webbing positioner                        |
| 7. Stash bag                   | 18. Triggering splint with whistle                 |
| 8. Horizontal strap positioner | 19. Buoy lifeguard                                 |
| 9. Buckle                      | 20. Oral valve with cap                            |
| 10. "Quick release" – buckle   | 21. Protection cover for CO <sub>2</sub> -canister |
| 11. Waist strap                | 22. Carabiner and handle                           |

## Safety notes



### Important notice to begin

Anyone who wishes to see these instructions on video for more background information about RESTUBE and the team may visit the following link: [restube.com/lifeguard](https://www.restube.com/lifeguard)

Read the product information carefully before using the product! Observe the notes inside the product and on the waist strap tag! Check Restube before each use, see chapter 2.

Should you detect defects during the inspection, please contact the dealer/manufacturer. >>> [info@restube.com](mailto:info@restube.com)  
Never attempt to repair Restube by yourself!



<https://www.restube.com/lifeguard>

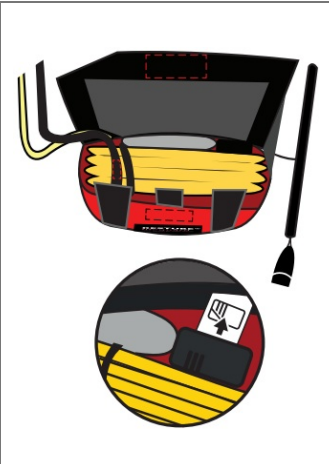


### Restube...

- only works as a floating device when it is completely inflated.
- only guarantees functionality when using the original RESTUBE-CO2-Cartridge (16g / 21ml).
- is not suitable for temperatures below 4°C.
- only wear Restube on top of clothing, so that the trigger is accessible and the floating device is not prevented from inflating!
- requires active use by the user and is therefore not suitable for people who are physically or mentally incapable of swimming.
- has a supporting function in water, but does not provide protection in case of unconsciousness.

A slight trigger delay is possible in temperatures below 59°F (15°C). Carrying additional weights or clothing reduces the perceived buoyancy of Restube.

Make sure that supervision is nearby. Only put yourself in situations with Restube that you could handle safely without the product.

## Operation and maintenance

	<p> <b>NOTICE</b></p> <p>Check the product's readiness for use (trigger and cartridge) before each use!</p> <ul style="list-style-type: none"><li>• Open the pocket and verify that the release lever is switched to the green position</li><li>&gt;&gt;&gt; If not, the CO2 cartridge may be empty. In this case, unscrew the CO2 cartridge</li><li>&gt;&gt;&gt; If the cartridge is pierced at its opening, it is empty and must be replaced</li><li>• Verify that the buoy is in the correct position in the pocket</li><li>&gt;&gt;&gt; The trigger mechanism must face the label with this symbol  sewn into the pocket</li></ul>
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### 2.1 How do I fasten Restube correctly?

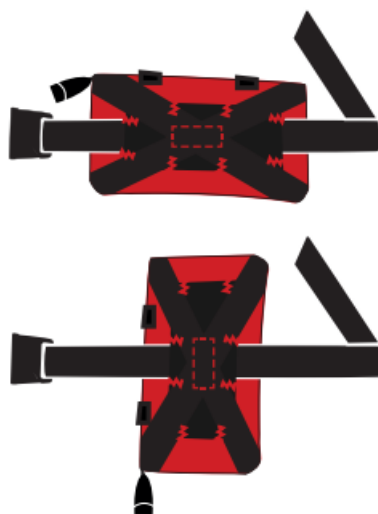


## WARNING

Wearing the product loosely or open is dangerous! The product must be tightly secured to prevent loss and enable functionality.

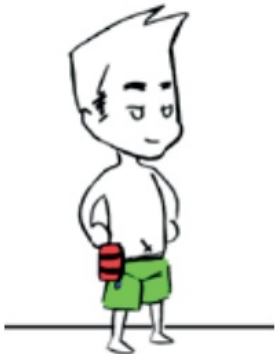
The provided waist strap may be inserted vertically or horizontally into the back of the pocket.

>>> The options for attaching the strap have different advantages for wearing the pocket on land or for practicing water sports. The user may choose the most suitable position depending on the application and personal preferences.



## NOTICE

When using a vertical position the pocket must be worn so that the trigger faces downward!

	<ul style="list-style-type: none"><li>• Remove buckle and adjuster from waist strap</li><li>&gt;&gt;&gt; Velcro 6b on the waist strap must face upward</li><li>• Insert the waist strap through the horizontal or vertical strap positioner (black fabric) on the back of the pocket until velcro 6b connects to velcro 6c inside of the strap positioner.</li><li>&gt;&gt;&gt; This prevents the pocket from moving around the waist strap</li><li>• Slide buckle and buckle back on</li><li>• The X-strap on the back of the pocket allows you to insert your own straps, up to a width of 50mm.</li><li>&gt;&gt;&gt; Insert the waist strap horizontally or vertically over the black strap positioner and under the X-strap</li><li>Open the buckle and place the waist belt around the hips</li><li>&gt;&gt;&gt; Wear the pocket so that the Restube logo faces outward and the strap positioner rests against the body</li><li>Close buckle safely</li><li>Fasten the buckle securely and adjust the waist strap to fit tightly</li><li>Wear Restube on your right, so that the trigger is easily accessible with your left hand</li></ul>
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### 2.1.1 Use in combination with other equipment

- If Restube lifeguard is used in combination with other equipment or if it is mounted onto other equipment, the user must make sure that the functionality of the equipment will not be impaired.
- Using Restube lifeguard this way is at the user's own risk. There are many different kinds of safety equipment (e.g. life jackets, fin belts, other belts).

That's why RESTUBE cannot guarantee that Restube lifeguards can be mounted onto each kind of equipment. In any mounting case, the Restube logo must face outwards, so that the pocket can open without difficulty. The trigger must be easily accessible and must face downwards or off to the side.

- Make sure that the trigger is easily accessible and free.
- The inflation of the buoy as well as the opening of the pocket must not be impaired.
- If mounted onto other equipment without using the Restube hip belt, the functionality of the quick-release buckle will be lost.

## Mounting onto other equipment

- Detach hip belt.
- Attach the Restube pocket to the webbing of your own equipment using the belt guides on the back of the pocket. Make sure that the pocket cannot slip sideways.
- The belt guide allows the insertion of webbings of 38mm to 50mm in width, both vertically and horizontally.  
>>> If mounted vertically the trigger has to face downwards.
- Position the pocket on the right side of your body so that the trigger can be reached easily with the left hand.

## 2.2 How do I trigger Restube?



### NOTICE

Triggering and inflation is only guaranteed in water because buoyancy pulls the buoy from the pocket! Duration until completely filled may be lengthened when triggered on land.



- Grab the trigger with your left hand and pull away from the body firmly.
- The buoy will unfold within seconds.

## 2.3 How do I use Restube?



### WARNING

Do not unscrew the CO2 cartridge while in use! After triggering, the CO2 cartridge is very cold. Avoid direct skin contact. The CO2 cartridge must be put under its protective cover.

	<ul style="list-style-type: none"> <li>• The execution of rescue actions must be adapted to the most up-to-date best practice.</li> <li>• The use of Restube lifeguards must be adapted to the local circumstances and the current situation. Therefore all necessary safety precautions for the patient and rescuer must be ensured.</li> <li>• Restube lifeguard does not provide protection in case of unconsciousness. Consequently, the rescuer must ensure that the respiratory tracts of the patient stay above the water surface at all times.</li> </ul>
	<ul style="list-style-type: none"> <li>• By pulling gently at the ring webbing, the ring webbing and the rope will unfold out of the stash bag.</li> <li>• The fully inflated buoy can now be fixed onto the patient's chest by hooking the carabiner into one of the rings of the ring webbing. The patient's arms must be put over the buoy.</li> <li>• To achieve a good fit of the buoy to the patient's chest, choose the ring that fits best to the patient's chest size.</li> <li>• The rope – in combination with the correctly attached pocket – provides a safe connection between rescuer and patient.</li> <li>• Alternatively the rescuer can use Restube lifeguard without hooking the carabiner into the ring webbing. Therefore he puts the buoy onto the patient's chest from behind and takes hold of it with both hands.</li> <li>• Now the patient can be rescued.</li> <li>• After usage detach carabiner from ring webbing, rearm Restube lifeguard, and repack it. (see chapter 2.5)</li> </ul>

## 2.4 Inflating by mouth



### WARNING

Never inflate the flotation device by mouth and trigger the CO2 cartridge afterward. This may cause over-inflation and serious damage. Never fill buoy with other gases! Do not fill the buoy with the help of an inflation device (e.g., a pneumatic pump)! Please avoid inhaling the CO2 gas from the flotation device when topping up the buoy via the oral valve!

- Remove buoy from pocket
- Open the Velcro on the safety leash and unwrap the safety leash
- Unfold buoy completely
- Open the cap of the oral valve
- Inflate buoy with your breath using the valve

## 2.5 How do I make Restube ready for its next use?

Once Restube has been triggered, it must be made ready to be used again. You will need an original RESTUBE-CO2-Cartridge.



### NOTICE

Only the original RESTUBE-CO2-Cartridges are 100% quality-certified and seawater resistant and the force is tailored to the RESTUBE trigger!

Do not use comparable commercial CO2 cartridges!

These will not guarantee inflation of Restube in an emergency.

### The CO2 cartridge (#1)

Restube beach only guarantees functionality when using the original RESTUBE-CO2-Cartridge (16g).

- Remove any dirt (e.g., sand)
- Unscrew the empty CO2 cartridge and dispose of with residual waste
- Fold away the release lever to avoid piercing the new CO2 cartridge



- Switch the release lever to the green position to avoid piercing the new CO2 cartridge.
- Screw the new original-RESTUBE-CO2 cartridge tightly and up to the marking into the trigger mechanism







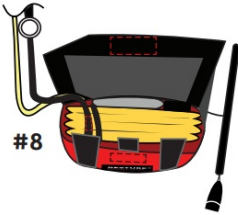
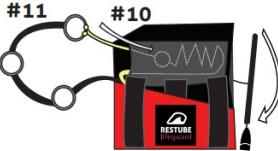
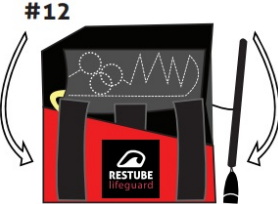

### The buoy



#### NOTICE

Pointed or sharp objects can damage the valve! The buoy can only be folded away correctly when there is no gas in it.

	<p><b>Empty the buoy completely (#2)</b></p> <ul style="list-style-type: none"> <li>• Open the cap of the mouthpiece</li> <li>• Release the gas from the buoy</li> <li>• Fully release gas by folding or rolling the buoy</li> <li>• Close the cap of the oral valve</li> </ul> <p><b>Put a CO2 cartridge under its protective cover. (#3)</b></p> <p><b>Longitudinal fold (#3)</b></p> <ul style="list-style-type: none"> <li>• Spread out the buoy so that the trigger mechanism is in the top left</li> <li>• Fold up the bottom part of the buoy along the horizontal dotted line</li> <li>• Tuck the folded part of the buoy under the CO2 cartridge so that the oral valve folds away to the left</li> </ul>
	<p><b>Zigzag fold (#4)</b></p> <ul style="list-style-type: none"> <li>• Turn the buoy so that the trigger mechanism is facing upward</li> <li>• Fold over the bottom end of the buoy to the back along the first solid line</li> </ul> <p> <b>NOTICE</b></p> <p>The words “Oben/Top/Haute/Arriba” must be visible.</p> <ul style="list-style-type: none"> <li>• Fold over the next part to the front along the dotted line</li> <li>• Continue until you reach the trigger</li> <li>• The buoy is correctly folded if the CO2 cartridge is on the outside</li> <li>• The last fold must be to the back</li> </ul>

	<p><b>Place the carabiner onto the printed symbol inside the last folding. (#6)</b></p> <p>Pack the folded buoy into the pocket. (#8)</p> <ul style="list-style-type: none"> <li>• If the buoy is not positioned correctly in the pocket, correct inflation is not guaranteed!</li> </ul> <p>Video: <a href="http://www.restube.com/lifeguard">www.restube.com/lifeguard</a></p>
	<p><b>Pack the folded buoy into the pocket. (#8)</b></p> <p> <b>WARNING</b></p> <p>If the buoy is not positioned correctly in the pocket, the correct release is not guaranteed!</p> <ul style="list-style-type: none"> <li>• Position the folded buoy in the pocket so that the trigger mechanism is facing the label with this symbol</li> </ul> <p>&gt;&gt;&gt; The trigger cord must hang out of the pocket</p>
	<ul style="list-style-type: none"> <li>• Wrapping the safety leash around the buoy</li> </ul>
	<ul style="list-style-type: none"> <li>• The rope and the ring webbing must exit the pocket to the left (#10), and the safety splint must exit the pocket to the right. (#11)</li> <li>• Stash the rope first (#10) and then the ring webbing (#11) into the stash bag.</li> </ul>
	<ul style="list-style-type: none"> <li>• Rope and ring webbing must be stashed completely into the stash bag.</li> <li>• Close the flap of the pocket using the velcros 6/6a. (#12)</li> </ul>
	<ul style="list-style-type: none"> <li>• Lead splint at trigger cord alternating through the front and back webbing loops. (#13)</li> </ul>

## Storage, care, maintenance, and disposal of your RESTUBE product

### Lifespan & storability

RESTUBE products are designed to have a long lifespan and can be triggered from 50 to 250(\*) times, depending on the version. Once used, the device is to be stored outside its packaging, well ventilated, and at a maximum temperature of 28°C. The maximum lifespan of the device is 5 years from the date of purchase, assuming that the care and maintenance instructions are followed.

If used frequently (more than once per week) or in tropical climates, the product lifespan may be shorter. If humidity is high, the device should be removed from its box. Do not put RESTUBE products on radiators and do not dry or store them in direct sunlight.

### Care

Maintain your RESTUBE product after every use. Five minutes of your time will help to make sure that you carry on being able to enjoy the product.

>>> Take the bladder out of its bag and check all parts for external damage: The bag, bladder, trigger, trigger cord, and CO2 cartridge. None of the components should show signs of heavy use, significant rust, or damage.

>>> Following use in saltwater or chlorinated water: Remove the bladder from its bag, and rinse both in fresh water, ensuring that the oral valve is closed and that the cartridge is screwed in first. If the product has become particularly dirty, wash it with a mild detergent or a weak solution of lye and rinse it with fresh water afterward. Do not use cleaning agents which contain alcohol or solvents.

#### **(\*) Restube lifeguard: Up to 200 times**

>>> The bladder and its bag should be opened and hung out to dry. Once dry, pack the system back up in accordance with the packing instructions.

#### **Maintenance**

With a little care, you will be able to maintain your undamaged RETUBE product yourself. If you are unsure about something, contact us by email: [info@restube.com](mailto:info@restube.com).

We will be happy to carry out a check for you – all you will have to pay for is the costs of postage and any replacement parts which may be needed. NOTE: Never carry out any repairs on your RESTUBE product yourself!

#### **Maintenance intervals**

At least every year, as well as before any longer periods of use. Additionally, maintenance should also be carried out following every inflation.

#### **Visual check**

Check all components for damage, wear, or deposits: Bag & stitching, waistband and buckle, bladder, trigger, trigger cord, CO2 cartridge, and CO2 cartridge thread (to do this, unscrew the cartridge and screw it back in again)

#### **Trigger test**

We suggest that you trigger your RESTUBE product in the water so that you can experience the buoyancy yourself. Once back on land, unscrew the cartridge and move the release lever as if triggering the device. The pin should move inside the fitting for the cartridge.

#### **Oral valve test**

Remove the cap from the valve and depress the oral valve in order to allow some CO2 to escape. Afterward, the oral valve should be completely sealed again. Next, empty the float entirely via the oral valve. Next, inflate the float via the oral valve until it is firm, using only your breath to do so.

#### **Air-tightness of the float**

Having completely inflated the float by blowing into it, leave it somewhere where the temperature is stable for 24 hours. Should it lose a lot of air during this period, the product will need to be replaced.

**NOTE:** Pure CO2 slowly diffuses through the material of which the bladder is made. It is therefore normal for the float to slowly empty over a period of 15-30 hours if it has been filled with pure CO2 from the cartridge.

#### **Getting ready for the next use**

Pack the dry RESTUBE product up according to its packing instructions. Ensure that the old cartridge, which has been pierced and has a hole, is replaced with a new, intact one.

**NOTE:** Only use genuine RESTUBE CO2 cartridges, as the inflation function can otherwise be adversely affected. The cartridges conform to EN ISO 12402-7 as well as UL 1191. They are 1. made to fit the trigger and have a very thin pierceable cap, 2. weighted for the exact amount needed to fill the bladder, and 3. are very resistant to seawater.

#### **Disposal**

Bags and belts can be disposed of in the general waste. The CO2 cartridges can only be disposed of in general waste if they are empty.

#### **Help us to make everyone freer and safer in the water!**

Show other water lovers how you use your Restube. Post a picture of yourself with a Restube on Facebook or Instagram, link to [@restube.official](https://www.instagram.com/restube.official) and [#restubemoment](https://www.instagram.com/restubemoment), and write about your special RESTUBE experience. We look forward to hearing from you!

Thanks for your help, the RESTUBE team



FAQ: [www.restube.com/faq](http://www.restube.com/faq)

SHARE YOUR #RESTUBEMOMENT & LIKE US ON   [Redtube.official](https://www.redtube.com)

more freedom and water safety



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Supported by:







06/2021

## Documents / Resources

<p>Restube lifeguard</p> <p>Gebrauchsanleitung Inflating Manual Mode d'emploi Manual para Inflar el tubo Gebrauchsanleitung</p>  <p>INFO &amp; VIDEO: <a href="http://www.restube.com/lifeguard">www.restube.com/lifeguard</a></p>	<p><b><a href="#">RESTUBE Lifeguard - Self Inflating Rescue Buoy</a></b> [pdf] Instruction Manual</p> <p>Lifeguard - Self Inflating Rescue Buoy, Lifeguard -, Self Inflating Rescue Buoy, Inflating Rescue Buoy, Rescue Buoy, Buoy</p>
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## References

-  [RESTUBE - the airbag for more freedom and safety in the water | RESTUBE](#)
-  [How to: Pack Restube, care and maintain correctly | RESTUBE](#)
-  [Frequently asked questions - RESTUBE | RESTUBE](#)
-  [How to: Pack Restube, care and maintain correctly | RESTUBE](#)

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