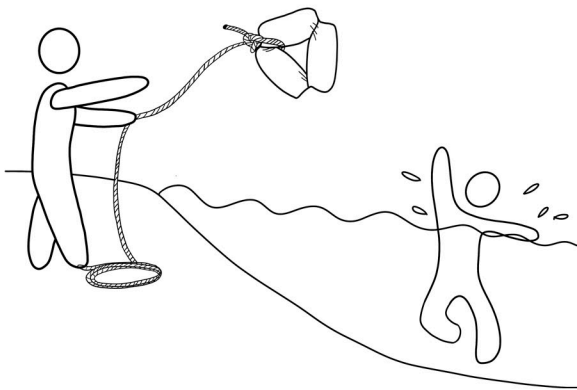
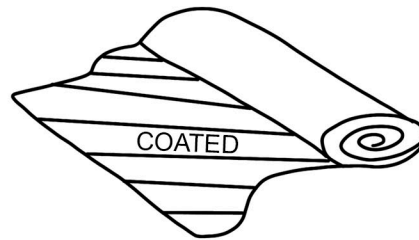


1 Bottle Ring Buoyancy Aid Manufacture

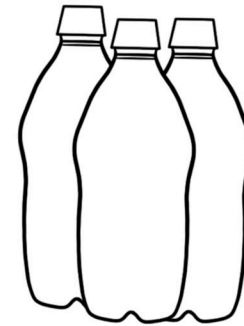
Bottle ring is used to rescue person from drowning



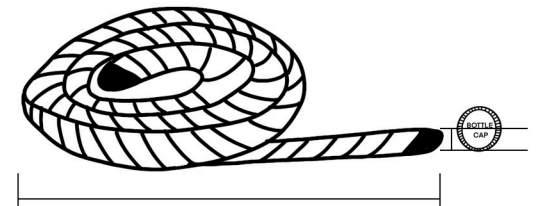
What you'll need to make



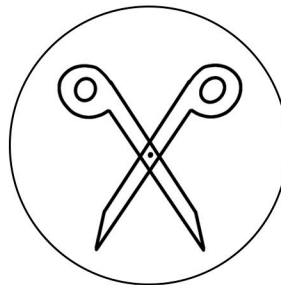
Bright colour
(red/yellow/orange),
lightweight, tough
(500 denier/ripstop) nylon



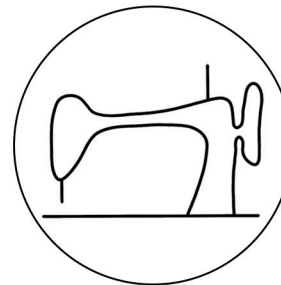
Three 2L thick, rigid
plastic bottles



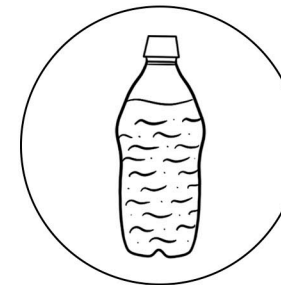
5m
Floating bright colour
(red/yellow/orange)
polypropylene rope



Scissors



Sewing machine

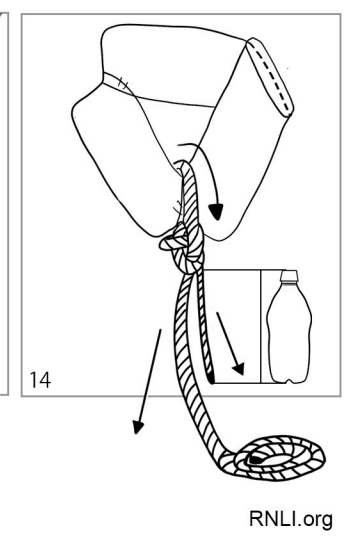
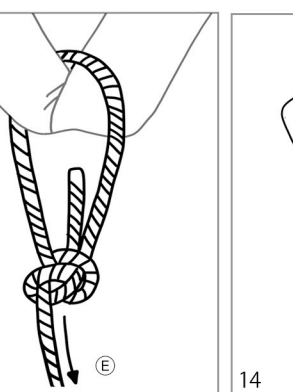
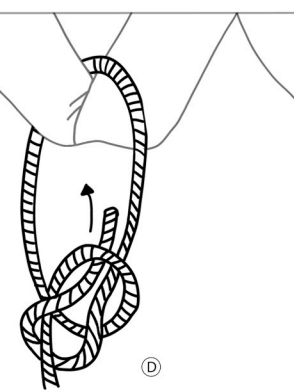
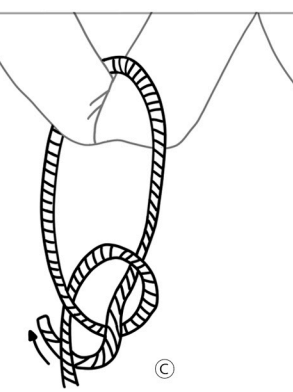
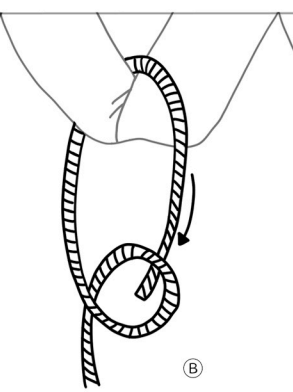
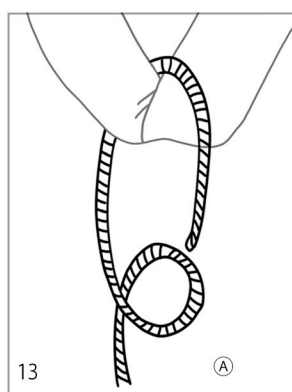
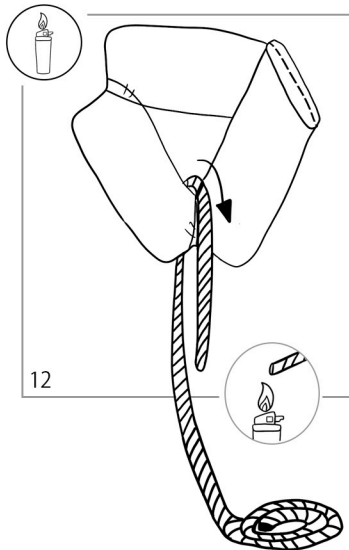
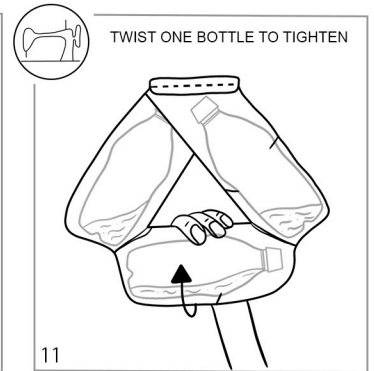
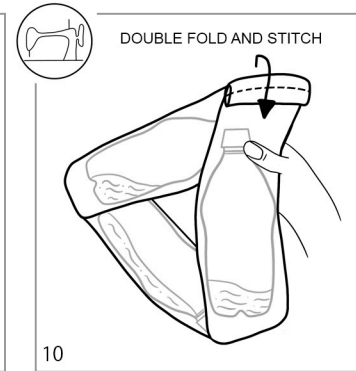
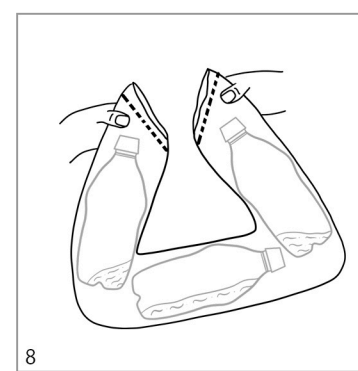
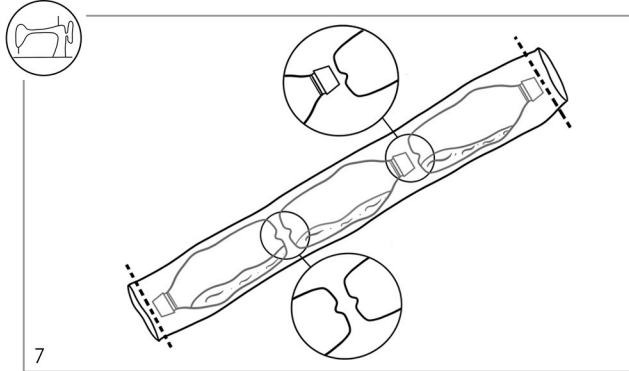
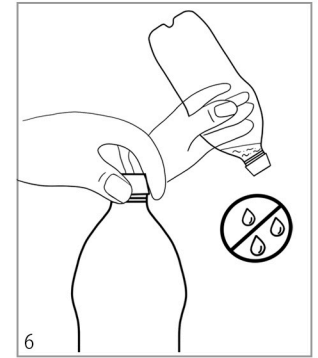
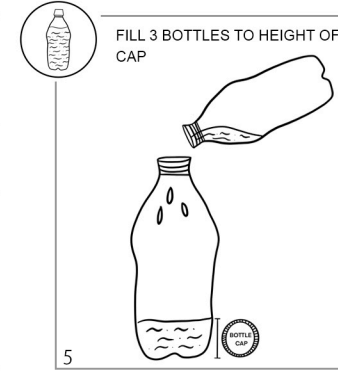
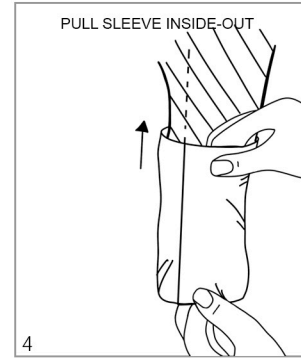
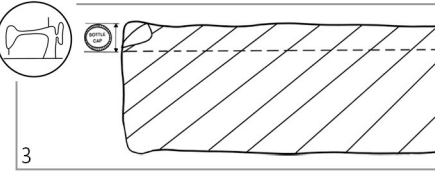
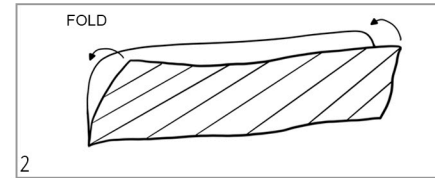
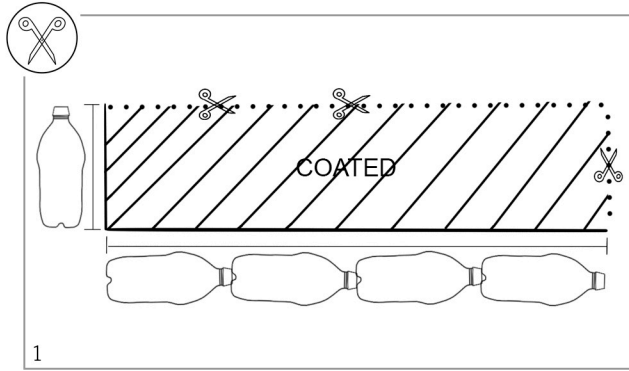


Water

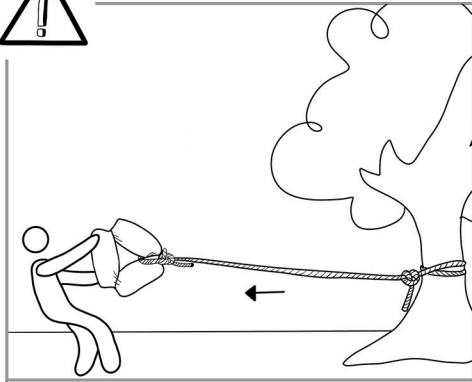



Lighter

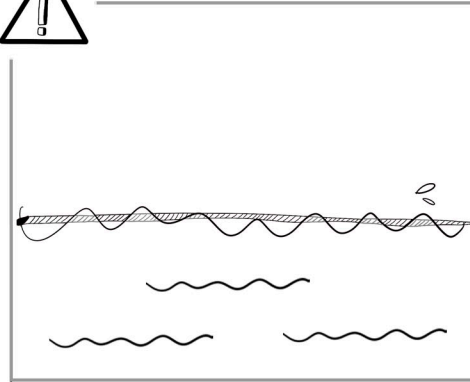

2 Bottle Ring Buoyancy Aid Manufacture (Step by Step Guide)



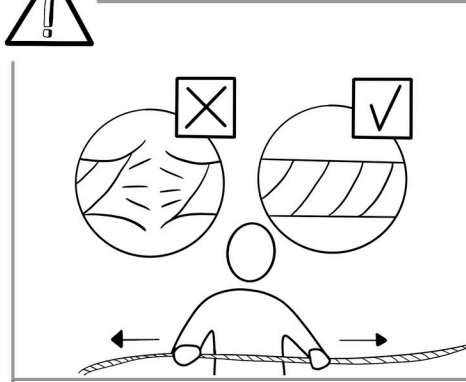

3 Safety Testing



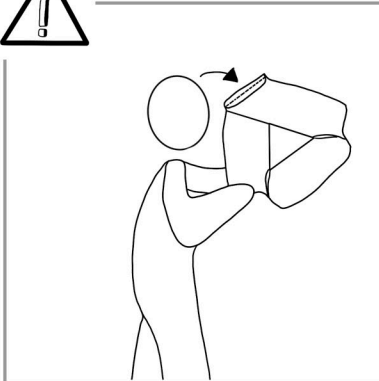

The bottle ring must be tested by one person pulling on it with its end tied to a tree.



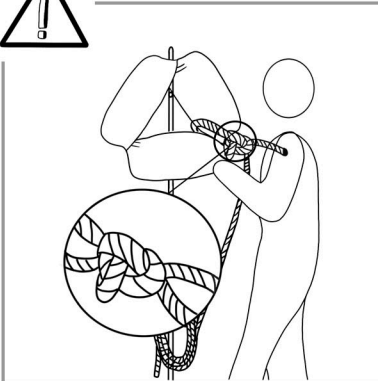

The line must be made from a material that floats on water (polypropylene is often used).



Check the entire length of the line for any damage. If damage, replace the full length.



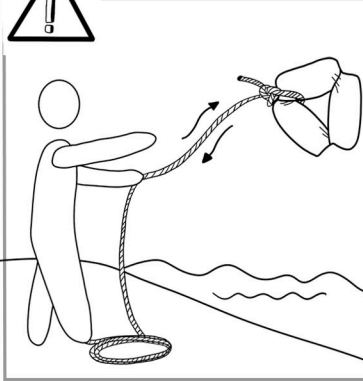

Check material and stitching for damage and replace if needed.



Make sure the line is tied to the bottle ring using bowline knot.



Squeeze the ring to ensure that the bottles are sealed and contain water.



Test the bottle ring by throwing it into water and pulling it back.

Storage and signage
The bottle ring should be stored in a clean and dry location away from direct sunlight. During use the bottle should be in position at an associated body of water ready for deployment at all times. A sign should be placed near the bottle ring to show how to use it.

Ownership
A member of the community should be given ownership of the bottle ring. This person should be responsible for making sure that it is ready for use at all times by making a regular check each day.

Community Awareness
The whole community should be made aware of the bottle ring and where it is placed. They should be given a demonstration of how to use the bottle ring to rescue a casualty. The community, especially the children should be made aware that the bottle ring should not be used as a toy.

Law
You must make sure that you obey any law in your country or community that may affect the use or construction of the bottle ring.

Safety
The bottle ring should only be used as a piece of rescue equipment or swimming aid (Notes: to be used without rope and under supervision of a qualified swimming teacher).

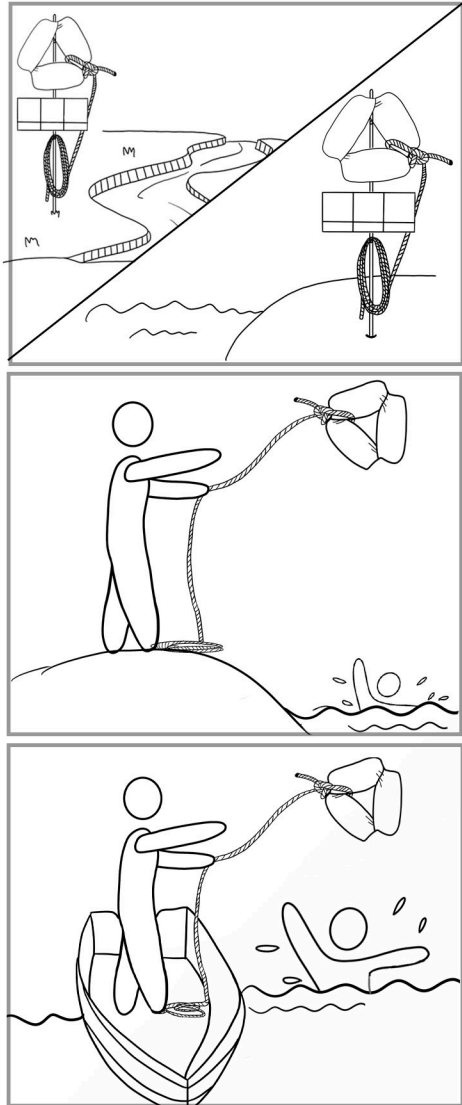
Bottle ring replacement
The bottle ring should be replaced every year. This is because sunlight will damage the bottle ring over time.

Feedback
The RNLI welcomes feedback on this information and the bottle ring design. Please email international@rnli.org.uk with comments and suggestions.

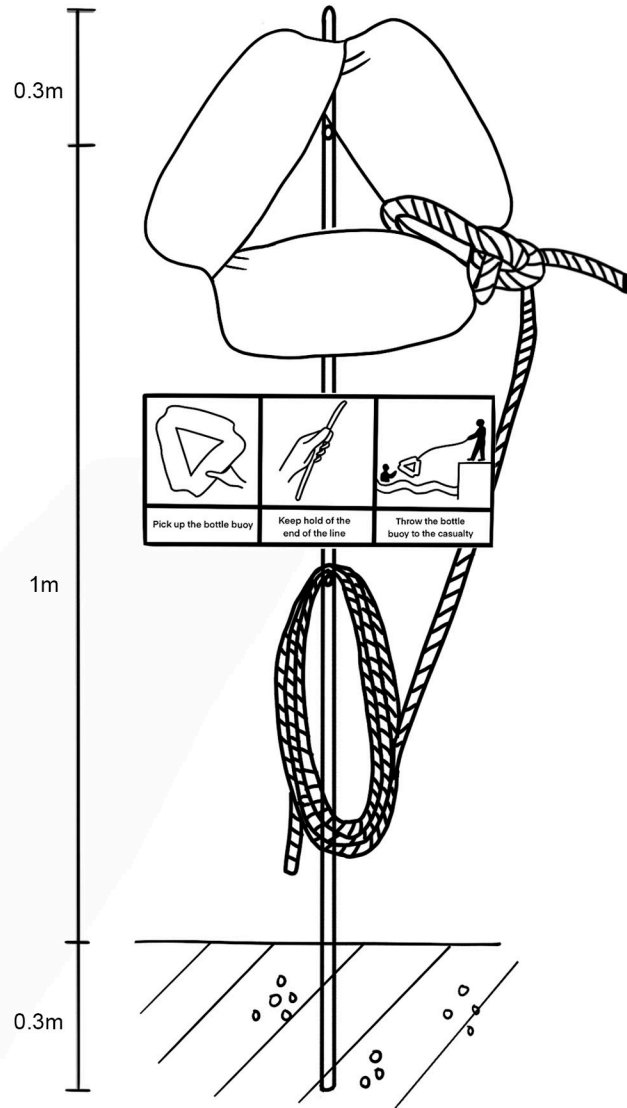
If you have a story involving this item of equipment or if you have used it to help or save someone, please email details and any photographs to international@rnli.org.uk

4 Community Care

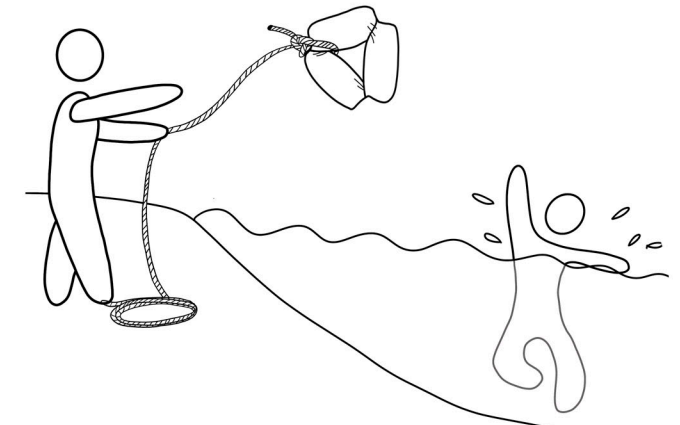
Where



How



Rescue



Throw the object to the person.
Be aware of the wind and the flow of water.

Tell the person to kick their legs and swim to the side.