



**SERPENT**  
INFLATABLE FLOOD CONTROL TUBES

### What is the Serpent™ made out of?

The Serpent Inflatable flood control tube is manufactured using high quality composite PVC mesh material that is UV treated, anti-static, waterproof, and chemical and oil resistant.

### Is the Serpent very durable?

Each tube has incredible tear and tension strength although we do not recommend placing the tube on anything sharp.

### What kind of air pump should I use?

The Serpent™ flood tube comes with a standard air pump and connector, however, you can use your own air pump. We recommend at least 7psi for filling Serpent tubes. Note that some cars have AC outlets but you need to check to be sure that your car can handle the power requirements for a pump. If not, ensure you have sufficient AC power available to inflate Serpent.

### How long does it take to install inflate the Serpent™?

Unrolling Serpent can be done by one person in a few minutes. Inflation of a 15ft Serpent usually takes about 7-8 minutes at 6 psi. A 30ft Serpent is usually about 14-16 minutes. Once inflated, positioning tubes, seaming two tubes together with the velcro seaming strips and staking sections will take about 10 minutes each.

### What accessories come with the Serpent™?

Each tube comes with an accessory bag that includes (2) Pieces of rope, (5) Staking Nails, (1) Velcro Tube Connector Sheet, (2) Puncture Repair Patches, (1) Transport Bag (1) Air Pump (1) Hose.

### What if the tube is punctured?

Though we don't expect you will need them, each tube ships complete with 2 repair patches. Should you have any questions about how to repair of a flood tube, please reach out to [sales@garrisonflood.com](mailto:sales@garrisonflood.com)

### What do I do with the Serpent™ after the flooding recedes?

We recommend wiping down the exterior of the flood tube, while inflated, to remove excess water. Then, completely deflate the tube and roll back up after use. You will want to make sure the unit is dry before packing to avoid any potential mold. We also recommend wiping down all stakes before packing up.



### How high of a flood does the flood berm protect against?

The Serpent is designed to hold back up to 3ft of water.

### What sizes is the Serpent™ available in?

We have 2 lengths, 15ft and 30ft and you can combine several units using the Velcro Tube Connector Sheet.

### Where can I place the Serpent™?

The Serpent is designed to provide 3ft of protection, whether it is around a building, surrounding sensitive infrastructure or diverting away from property. It is designed to go over grass, concrete/ asphalt, gravel, and dirt/muddy ground. We recommend removing any larger rocks or sharp object prior to deploying, to prevent any punctures and ensure a good seal with the ground below.

### How many people does it take to set up the 30ft Serpent™?

The Serpent can be rolled out and inflated in under 10 minutes by a team of two people. We suggest two people carry each tube into position as it can be heavy for a single person to handle when rolled. Once unrolled, one person can unfold and position the tube. When tubes are inflated, they can be positioned using the integrated grab handles.

### Do I need to use the ropes?

We recommend using the ropes to connect 2 units together. Ropes are also used to stake Serpent down using the included metal stakes.

### Do I need to stake Serpent™ down?

While it is always an added benefit to stake the Serpent down, this may not be possible when deployed on concrete or asphalt. Whether staked or not, the weight of the water provides ballast and holds the skirting and the tube down and in position. Where stakes are not able to be used, it is possible to stagger sandbags along the inside and outside of the skirting, as an extra precaution and to handle heavy wind conditions.

### What about water collecting behind the Serpent™ from rain water or seepage?

If there is a space between the Serpent and what you are protecting, we would recommend using a small pump to remove the rain water or any standing water from collecting behind the unit. This is a good practice generally, when deploying flood barriers.

### How do I connect 2 units together?

Serpent tubes are inflated and then connected using ropes and integrated tie rings. Specialized fabric and Velcro tube connector sheets are connected to receiving Velcro strips on the ends of each tube and skirting.



**GARRISON**  
FLOOD CONTROL

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