

Inflatable Flood Protection System

Inflatable flood control system that deploys quickly and provides flood protection for up to 3ft in height



The Serpent™ Inflatable Flood Control Tube is an inflatable flood control system that deploys quickly and provides flood protection for up to 3ft in height.

Each flood control tube incorporates an inflation valve that allows inflation of a 30ft length of tube in 12-18 minutes. To prevent water seepage and to create a continuous flood control barrier, individual inflated sections can be placed side by side and fastened together using the Velcro Tube Connector Sheet.

Like a berm, the Serpent™ flood control system can be placed in front of and around sensitive infrastructure or buildings and property, protecting them against water damage from rising flood waters. Two sizes of Serpent™ are available, depending on your specific requirements: 30ft Tube and 15ft Tube.

The Serpent™ inflatable flood control tube is reusable. Once a flood event is over, it can be simply deflated, rolled up and put back in storage for future use.

Serpent™ tubes are stored compactly on pallets and may be transported to a flood site quickly, or between sites for evolving emergency situations.

Deploys & Inflates Quickly



Once Serpent™ tubes are unrolled, they can be inflated in 5 minutes, using a simple hand-held blower. Sections can be staked to the ground in back for greater strength, while integrated skirting on the water facing side is ballasted by rising water levels. Sections can be deflated with the reverse setting on the inflator.

Sections Connect



Serpent™ inflatable tubes are placed adjacent to each other and when inflated, are sealed together using a seaming sheet with velcro strips to prevent water seepage. This allows for water dams to be created in nearly any configuration (i.e. around a property, etc.)

Available in 2 Lengths



The Serpent™ inflatable flood control tube is available in 2 lengths: 15ft and 30ft.

Stores Compactly



The Serpent™ inflatable tube stores compactly on a pallet when deflated and can be moved onsite and rolled out into position for inflation. Serpent™ barriers are ideal for remote or onsite storage and are ideal for use in rapid emergency response type scenarios.



Be Protected Against a Flood Disaster

Homes, businesses, municipal buildings or facilities all need to have flood protection plans in place for whenever a threat arises. Serpent™ inflatable flood tubes, have the ability to protect a variety of properties and can be used for many applications including...

- Perimeter building protection
- Swelling river diversion
- Equipment protection
- Cofferdams
- Infrastructure protection
- High value home protection

How Serpent™ Works

1) Pressure Creates Support

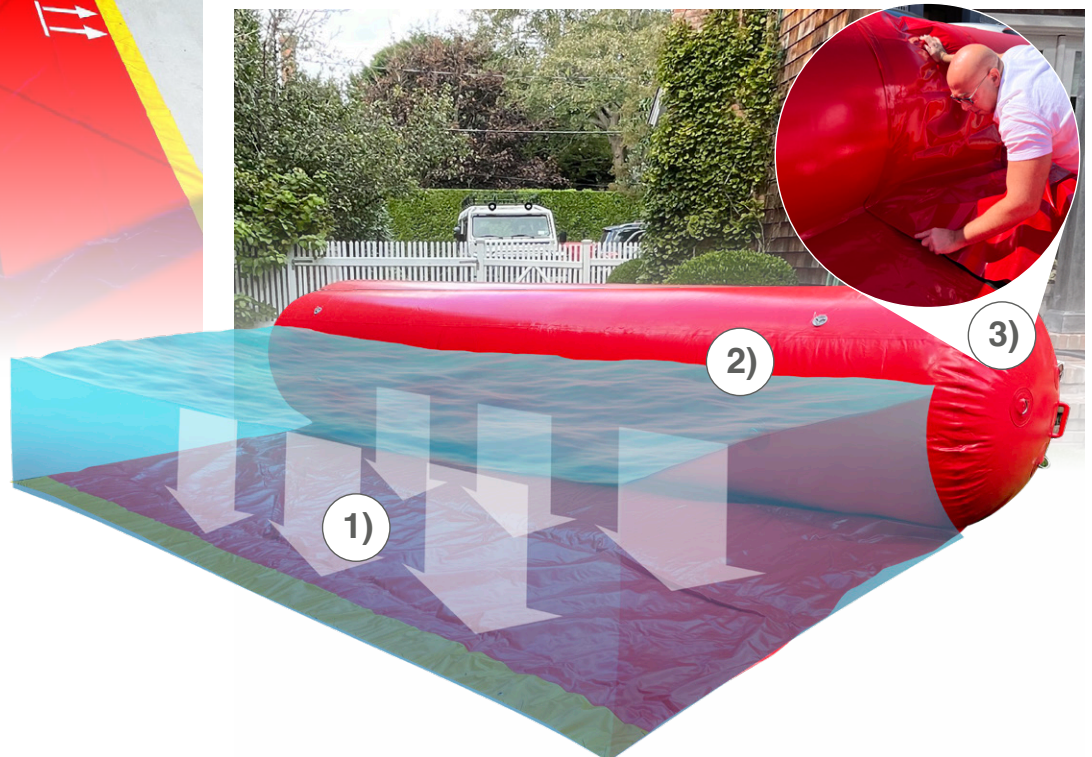
Flowing water over the skirt of the Serpent™ will create pressure, keeping the Serpent™ positioned securely when protecting against flooding.

2) Damming Ability

We recommend damming to within 2" of the top height of the barrier, such that each 40" tall barrier is suitable to protect against floods of roughly 38".

3) Ability to Connect

Serpent™ tubes can be fastened together using the velcro tube connector sheet for added protection length.

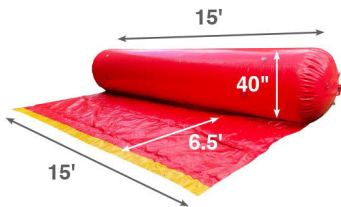


Specifications

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. Each tube has incredible tear and tension strength.

- Material: Composite PVC Mesh
- Material Thickness: 0.9mm +/- 0.02%
- Construction: Whole Thermal Bond Molding
- Fire Resistance: EN13501-B1
- Usage Temperature: -22°F to 158°F

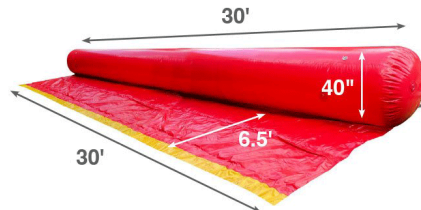
Serpent™ Inflatable Flood Tube - 15ft



ST-1 Serpent Flood Tube (Small)

- Main Tube: 15ft L x 40" D
- Skirt (extends tube on water side): 6.5ft L x 15ft D
- Weight: 60lbs. +/- 5%

Serpent™ Inflatable Flood Tube - 30ft



ST-2 Serpent Flood Tube (Large)

- Main Tube: 30ft L x 40" D
- Skirt (extends tube on water side): 30ft L x 6.5ft D
- Weight: 115lbs. +/- 5%

Accessories Included:

- 2 Pieces of Rope
- 5 Staking Nails
- 1 Velcro Tube Connector Sheet
- 2 Puncture Repair Patches
- 1 Transport Bag
- 1 Inflation Pump



Simple Set Up



Roll Out



Inflate



Stake Down (dependent on surface)



Attach Sections as Needed

GARRISON
FLOOD CONTROL

For Additional Help or Support -
Contact sales@garrisonflood.com
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