



## SERPENT INFLATABLE FLOOD CONTROL TUBES

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 under 5 minutes. Individual inflated sections can be placed side by side and fastened together using the Velcro Tube Connector Sheet, to prevent water seepage and to create a contiguous flood control barrier.

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 inflater.

### Sections Connect For Larger Runs

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 large water dams to be created in nearly any configuration (i.e around property, etc).

### Includes Handles & Tie-Downs

Serpent inflatable flood tubes incorporate reinforced transport handles on either end, for easy positioning and handling. Serpent tube ends also include tie-downs to stake sections to the ground or to tie sections together for longer barriers.

### Stores Compactly

The Serpent inflatable flood control 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.







# INFLATABLE FLOOD CONTROL BARRIERS

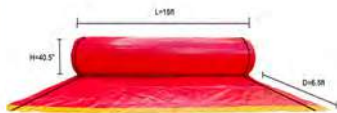
## Specifications

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:** -22F to 158F

### ST1

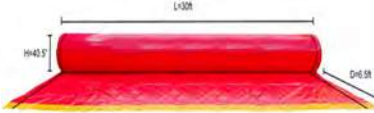
(Serpent Flood Tube Small)



- ▶ Main Tube: 15ft L x 39.5" D
- ▶ Skirt (extends tube on water side): 6.5ft L x 15ft D
- ▶ Weight: 60 lbs. +/- 5%

### ST2

(Serpent Flood Tube Large)



- ▶ Main Tube: 30ft L x 39.5" D
- ▶ Skirt (extends tube on water side): 30ft L x 6.5ft D
- ▶ Weight: 115 lbs. +/- 5%

## Accessories (Included)

- ▶ 2 Pieces of Rope
- ▶ 6 Staking Nails
- ▶ 1 Velcro Tube Connector Sheet
- ▶ 2 Puncture Repair Patches
- ▶ 1 Transport Bag

## Damming Ability

We recommend damming to within 2" of the top height of the barrier, such that each 39.5" tall barrier is suitable to protect against floods of roughly 37.5".

## Installation & Placement



Unroll Serpent Inflatable Tube Barrier



Inflate Flood Tube  
(Unscrew valve cap to expose inflation valve)



Attach Staking Ropes  
(Optional)



Staking Down The Skirting



Securing Tubes to Each Other



Attaching the Tube Connector Sheets  
(To prevent leakage)

