



## Ultra-Flood Stopper®

### ACTIVATION

- Ultra-Flood Stoppers® rely on a super absorbent polymer to absorb 80-100 times its weight of fresh water to achieve a similar weight to sandbags.
- Soak Ultra-Flood Stoppers® in an optional quick-set filling pool or other type of bin that is filled with fresh water. (UltraTech has an optional staging pool available. Part# 3512. Please contact us for more information.) Do not use salt water. Continue to add fresh water to provide enough to activate all the Ultra-Flood Stoppers® required.
- Remove Ultra-Flood Stoppers® from the pool/bin prior to overfilling. Too much absorption can make them somewhat inflexible. Filling to approximately 80-90% is best allowing a good fit between units. The flood water then helps fill the Ultra-Flood Stoppers® to maximum capacity and tightly seal the units together.
- Do not use for salt water applications.

### STACKING

#### Ultra-Flood Stopper Bags (Part# 5430)

- For heavy flooding or fast water flow, form a pyramid design with more Ultra-Flood Stoppers® bags along the bottom of the wall being created and fewer Ultra-Flood Stopper® Bags as the wall is built higher.
- Build to the desired height to hold back expected flood waters. A 1:3 ratio (one foot height requires a minimum of a three-foot base, two-foot height requires a six-foot base, and so forth) is a good rule of use.
- For less severe flood events, stacking in a brick formation, one Ultra-Flood Stopper® Bag wide by three Ultra-Flood Stopper® Bags high can provide adequate protection in most instances. Taller walls require more rows of Ultra-Flood Stopper® Bags for stability and support as needed.
- Overfilling Ultra-Flood Stoppers® Bags may result in unstable walls.
- Press fit the Ultra-Flood Stopper® Bags together, once in place, to prevent any gaps.

#### Ultra-Flood Stopper Tubes (Part# 5435 / 5437)

- The Ultra-Flood Stopper® Tubes must be placed so the wider of the dual tube design is placed towards the expected flood waters. The thinner tube portion is designed to reduce any rolling action of the wider tube.
- For heavy flooding or fast water flow, form a pyramid design with more Ultra-Flood Stopper® Tubes along the bottom of the wall and fewer Ultra-Flood Stoppers® Tubes as the wall is built higher. Build to the desired height to hold back flood waters. A 1:3 ratio (one foot height requires a minimum of a three-foot base, two-foot height requires a six-foot base, and so forth) is a good rule of use.
- For less severe flood events, stacking in a brick formation, one Ultra-Flood Stopper® Tube wide by three Ultra-Flood Stoppers® Tube can provide adequate in some instances. Taller walls would require more rows of Ultra-Flood Stopper® Tubes for stability and support as needed.
- Overfilling Ultra-Flood Stoppers® Tubes may result in unstable walls.
- Press fit the Ultra-Flood Stoppers® Tubes together, once in place, to prevent any gaps.