



AIRE

ENVIRONMENTAL

FIGHTING WATER WITH WATER

Fighting back damaging flood waters with the same weapon is a novel idea. The AIRE Diversion Tube™ replaces traditional sandbags from rainstorms to high water events. The tube is easy to place and weighs little until it is filled with water. Any common garden hose attaches, making the flood diversion barrier simple to fill. The larger barriers can also be filled with hydrants, water tanks, or trash pumps. Taking just minutes to become full, the tube is faster to deploy than the same coverage as sandbags, and can be done by just one person.

*Compare to sandbags at <https://www.vcalc.com/wiki/pro/Sandbag+Wall+Calc>

Flood Diversion Tubes - Sandbag Alternative

— THE GREEN ALTERNATIVE TO LANDFILL OVER-USE —



WHY

Why the AIRE Diversion Tube? Solutions in the market place are either flimsy or a onetime use item. The Diversion Tube is designed to be used again and again. The tube is manufactured from UV resistant, industrial strength fabric. This fabric can stay in place for extended periods of time without the same denigration factor that sandbags face. The 22 to 30 ounce PVC material is superior to other products on the market making the tube an appealing choice for commercial, industrial and governmental agency applications in addition to homeowners. The Diversion Barrier is constructed to withstand heat, cold and multiple uses. The sandbag alternative offers flexibility unmatched by ordinary bags or even sand-filled tubes. Since the product is water impervious, there is no requirement to see if it has become water logged and/or needs replacing.

ENVIRONMENTAL DILEMMA

Sandbags are jam-packing Landfills. These used, non-repurposed bags will not degrade or take up less space as time proceeds. Most bags are mixed with the local soil and create mounds that rise higher and higher into the sky. Bags that have come in contact with bio-hazards or waste materials must be disposed of by HAZMAT teams; a costly undertaking. By changing the method of fighting floods, new landfills will not have to come online as fast, and natural resources can be saved.

Reports from FEMA concerning the costly aftermath of water damage state: “The Federal Emergency Management Agency (FEMA) reports that each year approximately 90 percent of all disaster-related property damage results from flooding. Over the past decade, the average flood claim in the United States has been more than \$46,000 with yearly totals averaging \$3.5 billion per year.” This year’s flooding is turning out to be a 100 year event. Preparations underway to keep damage minimized includes massive amounts of sandbags and sand to fill them. In some areas, there is a shortage of sand due to other uses. So, if local sandbags are not available, what options are there? That is where the Diversion Tube steps in.

OPTIONS

Diversion tubes are available in sizes from 6” to 24” in diameter with standard lengths from 6 feet to 150 feet long. The tubes can be fitted together for longer lengths. Spans can run hundreds of feet when joined together. Comes in yellow or black. The tubes are made in Meridian, Idaho, at the AIRE Industrial manufacturing complex. The Flood Diversion Tube can be ordered online at the AIRE Industrial website or by phone:

www.aireindustrial.net | 800-247-3846.




ABOUT AIRE ENVIRONMENTAL

The founders of AIRE Environmental are outdoor enthusiasts, protectors of the environment, and take pride in using American sourced materials and keeping jobs local. AIRE Environmental offers a complete line of portable secondary containment berms, flexible storage tanks, bladders, spill kits and containment products. AIRE Environmental has offices in Idaho, Washington, and partners in Europe, Asia, North Africa, New Zealand, The Middle East and South America. AIRE Environmental is a division of AIRE Inc., the largest inflatable boat manufacturer in the U.S. and is recognized around the world as the premier builder and innovator of water recreation crafts. Most professional river guides trust their lives and reputation on the quality and durability of AIRE inflatable boats and personal recreation craft.

STANDARD SERIES

We offer three sizes in our standard series...

- 6in Standard Diversion Tube
 - 9in Standard Diversion Tube
 - 12in Standard Diversion Tube
- 
- (Call for Quote **800-247-3846**)

(Actual loft dimensions vary from the product descriptions due to the elliptical cross section each tube assumes when water filled)

These standard series tubes can come in lengths up to 300ft. Each of the standard series tubes are produced from a 22 oz PVC with a 34mm Fill on one end and a ¾" threaded flange on the opposite end. Connecting sleeves for each size are also available allowing for continuous connection.

- 6" Connecting Sleeve
 - 9" Connecting Sleeve
 - 12" Connecting Sleeve
- 
- (Call for Quote **800-247-3846**)

SUPER SERIES

- Super2 (Call for Quote **800-247-3846**)

Super Series tubes are larger in footprint and loft height to effectively manage higher water levels. Each tube is configured with two (2) 2" Bulkhead Fittings that allow Cam Lock style connections for water transfer. Standard length of our Super series is 40ft. Each Super Series Tube also includes support L-Brackets that are strategically placed along the length to support the tubes from slope and/or water pressure. Six brackets per 40 ft tube are included. Placement of the brackets varies by application. Connecting systems are also available for the super series and are necessary when chaining multiple tubes in series.

- Super2 Connecting kit  (Call for Quote **800-247-3846**)

(Super Series Connecting Kits are priced separate due to single tube deployments)

For more information contact



2021 E Wilson Lane, Meridian, ID, | 800-247-3846 | <http://www.aireindustrial.net>