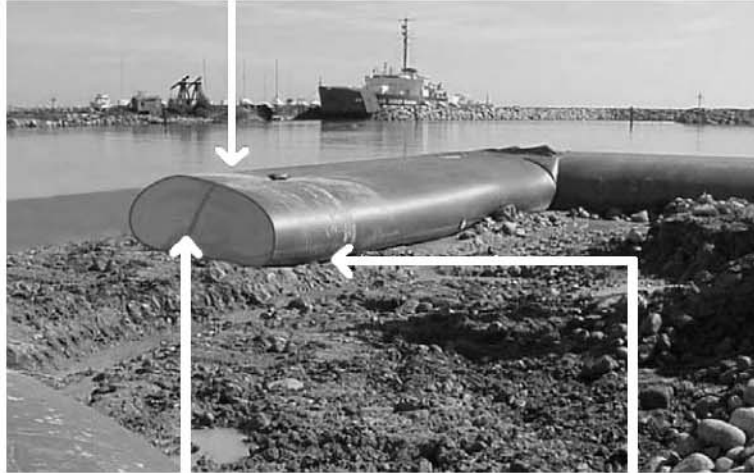




Stabilization Components



Freeboard

(amount of barrier above water level)
A minimum of 25% freeboard is required in all Aqua-Barrier™ installations. Freeboard requirements may increase if the barrier is exposed to, or has the potential of being exposed to, high water velocities (3ft/sec or greater), slick soil conditions or other relevant hydrostatic conditions.

Internal Baffle System

The patented internal restraint baffle(s) lock into place when the barrier is exposed to greater hydrostatic pressure on one side.

Surface Friction

Aqua-Barriers™ require surface friction to stabilize when exposed to uneven hydrostatic pressures. Barriers exposed to weak or slick soils may require additional freeboard.

Aqua-Barrier™ Accessories

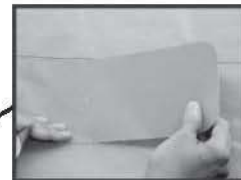
FILL PORTS

Aqua-Barriers™ are equipped with 4-inch ID, industrial grade, threaded fill ports. Fill ports are installed in pairs near each end of the barrier.



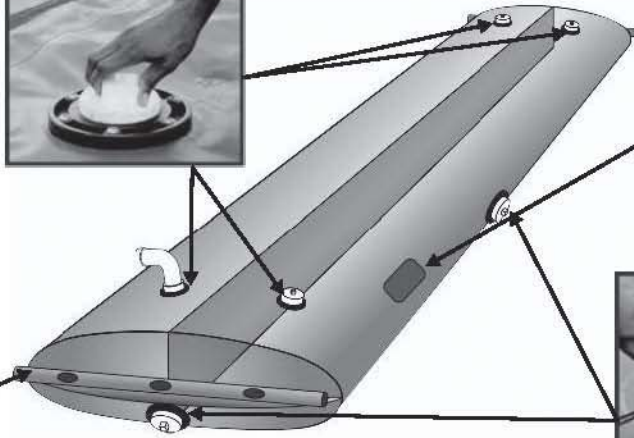
REPAIRABILITY

Aqua-Barriers™ are infield repairable. Utilizing a specialized adhesive and material patch, repairs can be made even while the barrier is wet.



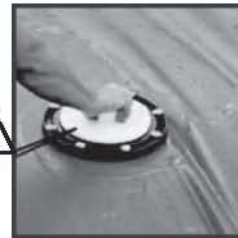
END PIPELOOPS

Pipeloops are fabricated on each end of the barrier to facilitate precise placement and rapid removal. Inserting a pipe through the loops allows you to maneuver the barriers with an elevated, heavy equipment arm.



DRAIN PORTS

There are 4- or 8-inch drain ports on each end of the barrier. Additional drain ports are also located along both sides of the unit; the number and position vary depending upon barrier length.



SHIPPING AND STORAGE

The Aqua-Barriers™ are produced from a flexible vinyl membrane. The barriers are able to be packaged on standard pallets for cost effective shipping and storage.



www.aquabarrier.com

800-245-0199

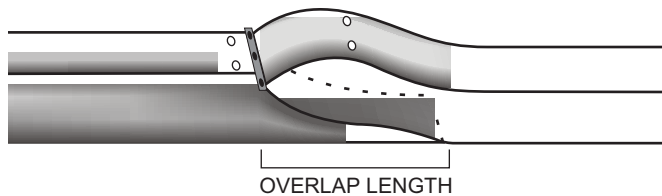
Aqua-Barrier™ Standard Height & Dimensions

Inflated Height (ft/m)	Inflated Width (ft/m)	Gallons Per Linear Foot (L/m)	Weight Per (lbs per linear ft/ kg per linear m)	Maximum** Depth of Water (in/cm)
3/0.92	7/2.14	131 (1627)	4.60 / 6.85	27 / 69.6
4/1.22	9/2.75	225 (2794)	5.76 / 8.58	36 / 91.4
5/1.53	11.25/3.43	352 (4371)	8.32 / 12.39	45 / 114.3
6/1.83	13.5/4.12	506 (6284)	10.40 / 15.49	54 / 137.2
7/2.14	15.75/4.81	688 (8544)	12.00 / 17.87	63 / 160.0
8/2.44	18/5.50	901 (11189)	13.64 / 20.32	72 / 183.0

* The depth of water represents 75% of the inflated height of a fully inflated Aqua-Barrier™. It is required that a minimum 25% freeboard (portion of barrier above water level) inflated capacity be maintained during all phases of a project. Excess slopes and grades, soil composition, moving water, and other related hydrological criteria may increase or decrease the ability of the Aqua-Barrier™ to perform as projected.

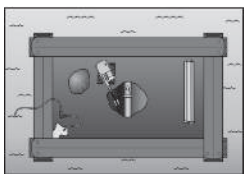
Aqua-Barrier™ Connection Requirements

Each inflated Aqua-Barrier™ section is straight without the ability to bend. When joining Aqua-Barriers™, an overlapping technique is used. Simply place the barrier to be inflated on top of the end of the inflated barrier and begin the process. The amount of overlap is determined by barrier height. See table at right.

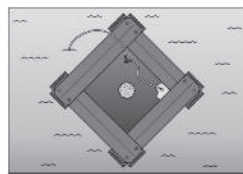


Inflated Height(ft)	Overlap Length (ft/m)
3	4.5 / 1.37
4	6 / 1.83
5	7.5 / 2.29
6	9 / 2.74
7	10.5 / 3.20
8	12 / 3.66

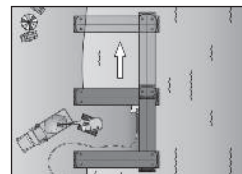
Standard Aqua-Barrier™ Configurations



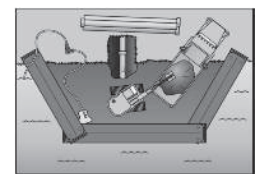
Complete Enclosure



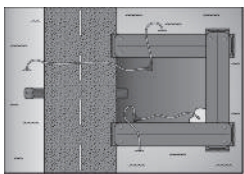
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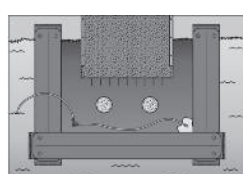
Multiple Staging



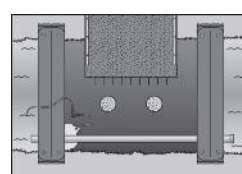
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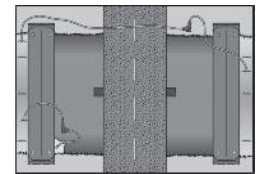
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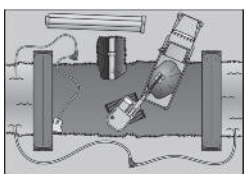
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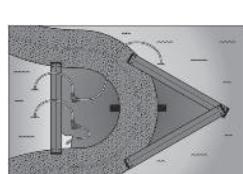
Canal Block



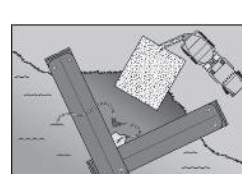
Canal Block



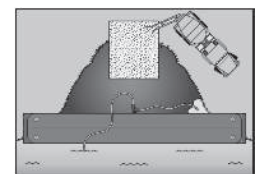
Canal Block



Tee-Pee



Tee-Pee



Straight Shoreline

