



The Solution to OIL & HAZMAT spills

Water-Gate are emergency, fast deployment PVC dams that are a tool for pollution control. Used to **dam, dike, deviate, divert** water flow, works as **over/underflow dam** in spill response operations to ease the confinement and cleaning-up of spills in ditches, very small and large streams. The units are also efficient to dam small streams for drafting operations by creating water supply for firefighting operations. The **Water-Gate's** deployment with water flow is similar to that of a parachute deploying with air. The concept of the Water-Gate is simple: it's the weight of the water that stops the water and stabilize the dam down. **No need to pump water on inflate air inside.**



The instant dams, deployed perpendicular to a stream or ditch, create optimum quiet, deep water response zones out of small or large, slow or swift running streams. Cleaning equipment such as sorbents, booms, skimmers or vacuum units can be used efficiently, even in what was initially a few inches of water. The **Water-Gate** system is adapted for emergency response on roads, in ditches, streams, or any other location where it can be deployed.

Benefits: Easily and quickly installed and needing little manpower, the dam is an innovative solution to perform underflow dam operations in a few minutes. **Using the release hole flaps** of the WT Series, confine the floating pollutant upstream and manage the release of the clean flow. No need for heavy equipment or energy sources to install and operate this **instant spill dam**.

Units are individually folded and rolled-up for ease of deployment, lightweight and convenient for transportation to **remote locations** as well. Units easily and rapidly attach with a Velcro system to unlimited length. This versatile tool is an alternative for water supply for rural or wildland firefighters for drafting water from any small creeks or streams.



Water-Gate – WT Series

Item #	Retention Level	Length	* Weight	Release Holes
WT-2115	53cm / 21"	4,6m / 15'	14,74 kg / 32,5 lb	11
WT-2125	53cm / 21"	7,6m / 25'	21,87 kg / 48,1 lb	19
WT-2130	53cm / 21"	9,1m / 30'	25,89 kg / 56,9 lb	23
WT-2150	53cm / 21"	15,2m / 50'	42,47 kg / 93,3 lb	39
WT-2815	71cm / 28"	4,6m / 15'	18,33 kg / 40,4 lb	14
WT-2825	71cm / 28"	7,6m / 25'	29,62 kg / 65,2 lb	24
WT-2835	71cm / 28"	10,7m / 35'	41,92 kg / 92,2 lb	34
WT-2850	71cm / 28"	15,2m / 50'	57,97 kg / 127,5 lb	49
WT-3915	1m / 39"	4,6m / 15'	37,2 kg / 82 lb	14
WT-3930	1m / 39"	9,1m / 30'	71,97 kg / 158,1 lb	29
WT-3950	1m / 39"	15,2m / 50'	119,97 kg / 264,1 lb	49

Letters = Series / First two digits = Height / Last two digits = Length

For Underflow Dam

PRODUCT SPECIFICATIONS:

- Made of strong PVC coated polyester fabric;
- Resistant to many chemical substances;
- Orifices in the inner walls for pole installation to prop open;
- Release hole flaps and dam attachment system made of Velcro. Underflow dam available in WT model only;
- User friendly pictograms printed on products.



Installation steps:

Simply **position** the Water-Gate unit / **unroll** / **slide** in the water course or ditch / **unfold** / set **ballast** material / **assist** deployment if necessary. Underflow dam is performed with the **release hole flaps** located on the lower part of the WT Serie dam. Using the continuous flow of the polluted stream, flaps are easily opened or shut down to maintain desired water level upstream while letting the fresh water flow downstream.



Optional measure: Inserting a small number of dowels or poles in the inner walls will **prop the dam open** and limit the assistance requirements. This configuration also assist in fixing filter clothes or sorbent booms. Convenient on dry ground / ditch to protect from potential spill release confinement.

The Water-Gate is a convenient **alternative to dry hydrants** for rural firefighters and for wildland firefighting. Create a **temporary water supply** out of any small streams otherwise unfit for drafting. The **pre-ballasted WL Serie** is also available as a diversion tool in urban environment, for flood or flash floods, water main breach, fire water deviation.



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