



# JET Filter System L.L.C.

Geocomposite Wick Drainage System  
Geotextile Filtration and Erosion Control

Call for more information: 800-475-2029

www.jetfiltersystem.com

## Geotextile Filtration & Erosion Control

### Dewatering Solutions

Earth retaining structures are failing daily in all parts of the world due to the lack of proper erosion control.

The JET FILTER prevents wall failure/movement by relieving water pressure and allowing drainage while saving time & money on extensive repairs.

The purpose of the weep holes is to relieve the hydrostatic water pressure that inevitably will be behind the wall. These weep holes should also be maintained periodically to insure that they do not become clogged.

Panel seams which have opened up or toe failure of the wall can be an indicator of unrelieved pressure due to clogged or insufficient weep holes.

The filter media contained in the JET Filter System is the highly rated Mirafi® Filter-weave FW 300 series. This media maintains long-term flow rates in high gradient and dynamic conditions.

With its removable inner cartridge, the filter can be changed and cleaned if needed, from the front side of the earth retaining structure without dredging from behind to replace the erosion control fabric.



### Weep Hole Component For:



Bridge Abutments  
& Slope Protection



Steel Sheet Piling



Vinyl Sheet Piling



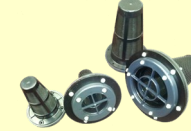
Composite &  
Aluminum Sheet  
Piling



Concrete Seawalls

### Available in 3 Diameters Open-End

4" & 6" Dia.



ASTM Steel



316 Stainless Steel

2 1/2" Dia.



ASTM Steel



316 Stainless Steel



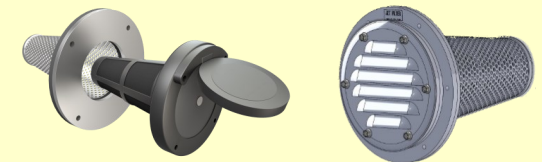
ABS

### Available in 2 Diameters Closed-End

4" & 6" Dia.

## ONE-WAY FILTER

### Check Valve Backflow Preventer



- Lets Ground Water Out with Erosion Control
- Stops Tidal Wake/Storm Surge Entering
- Cleanable, Replaceable Geotextile Filter Media Cartridge

US PAT#7,615,148



## Engineering Solutions

The JET FILTER relieves the hydrostatic pressures created by rain water as well as tidal surges trapped behind erosion control structures such as:

Seawalls (Concrete)  
Bulkheads (Wood)  
MSE Retaining Walls (Block Systems)  
Sheet Piling (Steel, Vinyl, Composite, Aluminum)  
Bridge Abutments (Concrete, Wing Walls, Slope Protection)  
Flood Control Channels

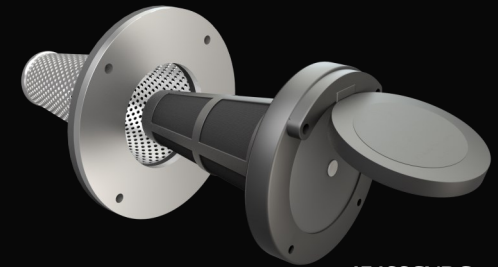
Managed weep hole system that is vital to the marine and bridge infrastructure today.

The innovation of a removable filter cartridge is the key component of the JET Filter design.

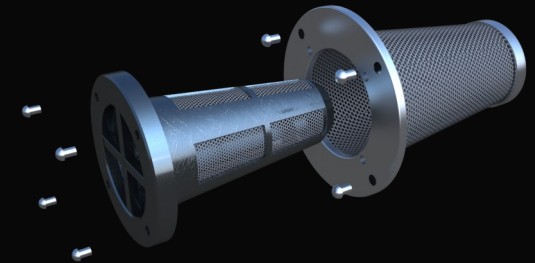
Failure to provide weep hole relief could result in devastation ~ wall failure

## JET Filter System LLC

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JF4SS

## JET FILTER SYSTEM LLC

**Geocomposite Wick Dewatering System  
Geotextile Filtration and Erosion Control**

- ▣ Seawalls
- ▣ Sheet Piling
- ▣ Bridge Abutments
- ▣ Retaining Walls

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