



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

Erosion Control & Filtration

Maintainable Weep Hole Component

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.

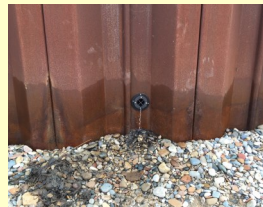
Panel seams which have opened up or toe failure of the wall can be an indicator of unrelieved pressure due to clogged or insufficient weep holes.

The media equipped 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**

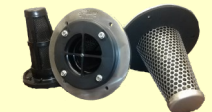
Concrete Seawalls

Available in 3 Diameters

4" & 6" Dia.



ASTM Steel



316 Stainless Steel

- Filter Cartridge: ABS
- Filter Media: Mirafi® FW300
- Powder Coated Black or 316 Stainless Steel
- Used for: Bridge Abutments & Retaining Walls

2 ½" Dia.



ASTM Steel



316 Stainless Steel

- Filter Cartridge: ABS
- Filter Media: Mirafi® FW300
- Powder Coated Black or 316 Stainless Steel
- Used for: Steel Sheet Piling

2 ½" Dia.



ABS

- ABS U/V Protected
- Filter Media: Mirafi® FW300
- Available in Slate, Gray, Brown and Clay
- Used for: Vinyl Sheet Piling or Composite

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:

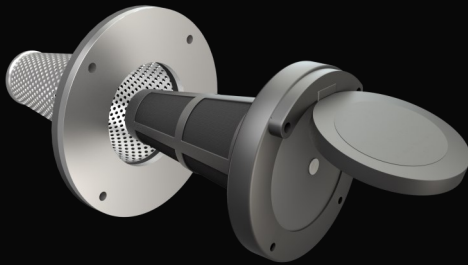
Seawalls (Concrete)
Bulkheads (Wood)
MSE Retaining Walls (Block Systems)
Sheet Piling (Steel, Vinyl, Composite, Aluminum)
Bridge Abutments (Concrete, Wing Walls, Slope Protection)
Flood Control Channels

BACKFLOW PREVENTER

ONE-WAY FILTER

CHECK VALVE

4" dia. Closed-In Weep Hole



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

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

JET FILTER SYSTEM LLC

Geocomposite Wick Dewatering System
Geotextile Filtration and Erosion Control

JET Filter System LLC

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