

## ALL ABOUT: FOAM SEDIMENT CONTROL WATTLES



### STANDARD AND EXTREME WATTLES

Both are 6-inch diameter x 25-feet long.

Both are made from heavy 6-oz monofilament UV resistant geotextile with 100-gpm/sf flowrate.

Both have 8-inch upstream and downstream aprons.

Both have installation nails in each bundle.

Standard Wattles have fist-size and smaller pieces of scrap foam inside.

Extreme Wattles have 50-inch x 6-inch diameter foam inserts made from 1-inch sheet foam.



### LIGHTWEIGHT

Standard Wattles weigh about 10-pounds each, including nails.

Extreme Wattles weigh about 10.5-pounds each, including nails.

Standard 3-pack bundles weigh about 30-pounds, are about 39"x39"x21" and ship as class 300.

Extreme 2-pack bundles weigh about 21-pounds, are about 101"x18"x12" and ship as class 300.

Both typically ship without pallets and can ride on-top-of other freight.



## **SUPERIOR PERFORMANCE**

In tests on a 3H:1V slope Gator Guard Wattles had 20-times less dirt loss than Straw Wattles.

That's 98% effective for Gator Guard vs 55% effective for straw.

What makes Gator Guard wattles so much more effective?

The upstream apron (photo 1) covered with 1-inch of dirt seals against underflow washouts.

The downstream "splash" apron (earlier photo 2) reduces secondary erosion.

Fiber rolls on a slope are moved by water pressure forming a 1-mm crack for erosion to begin.

Gator Guard wattles filter low flows, and pond and filter most runoff events.

Ponding water settles out fine silts and clays (sides of photos), as well as easy to catch sands(center).

Silts and clays are the most detrimental to fish and bugs downstream.

Like any filter, fabric pores eventually become plugged, but ponding continues to drop out sediment.



## **SURVIVES TIRES AND TRACKS**

Although Gator Guard BMPs can be driven over, it is not recommended.

It can immediately or eventually destroy it, and can cause track-out and litter.

Avoid turning on wattle with tracks or skid-steer.

Avoid damaging wattles with loader or excavator buckets or stabilizers.

Extreme Wattles maintain almost full height after repeated drive-overs.

Standard Wattles become egg shaped, but can easily be kicked or formed back to round.





## EASY INSTALL – EASY REMOVAL

Install and maintain with shovel, hammer and gloves.

Mattock and concrete rake are often helpful.

To move or remove, just pull up by hand, remove nails and weeds and seeds.



## SMOOTH A PATH

Smooth a 12-inch wide path, removing rocks, sticks, etc.

If installing wattle along a sidewalk or curb, dirt should be even with the top of concrete.



## UNROLL OR UNFOLD

Remove and discard packaging straps properly.

Unroll or unfold each wattle, with the tag side facing downhill and remove the bundle of nails.

Standard wattle foam is compressed at the center of the roll – manipulate it back to round.

Extreme foam inserts must be pushed in until the wattle is straight and tight.



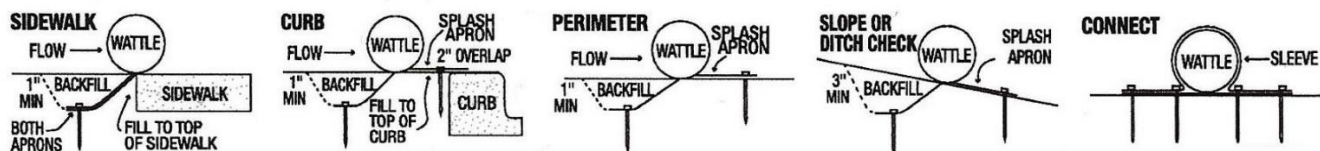
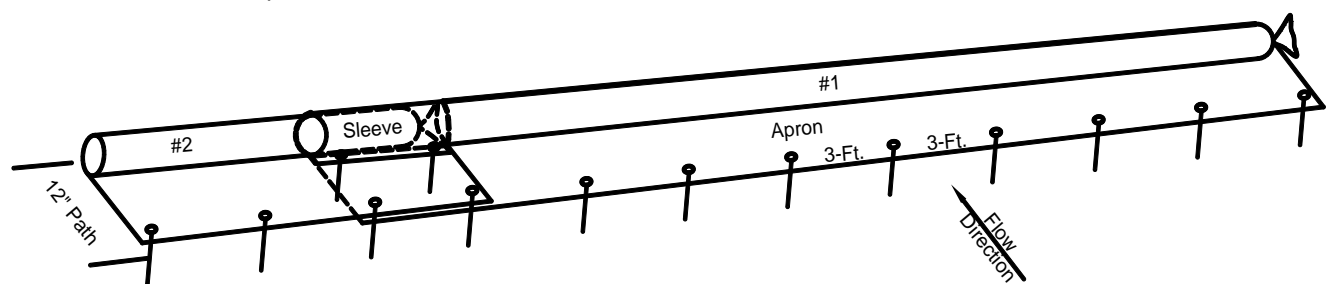
### NAIL EVERY 3-FEET

Nail upstream aprons every 3-feet, about 1-inch in from the edge, downstream aprons every 6-feet.

Stretch the upstream apron tight when nailing.

Tuck and fold extra fabric for curves or bends to keep upstream apron tight.

You can kneel on the apron or the nice soft wattle.



### CONNECT END-TO-END

Pull the connection sleeve over the next wattle as tight as possible, keeping the aprons aligned.

Secure overlapped aprons with 2 nails near the edge and 2 nails near the round wattle.





### **PLACE 1-INCH OF DIRT ON APRON**

Make sure the upstream edge of the apron is covered with dirt to avoid underflow washouts.

1-inch of dirt on the upstream aprons holds it in place and seals it to the ground.

Placing a rock behind connections can help keep connections at full height.



### **FOOT COMPACT & YOU'RE DONE**

Foot compacting further seals the wattle to the ground and is very quick.



### **STANDARD AND EXTREME FOAM AND NAILS**

Polyethylene foam is closed cell, so it doesn't soak up water, and it decomposes in sunlight.

Standard foam pieces – fist size and smaller - are made from recycled packaging materials.

Extreme foam 6"x50" inserts (1-inch sheet foam slit, rolled & strapped) are made from recycled plastic.

22-nails included are 5-inch galvanized heavy duty twist deck nails with a big head.



### **DOUBLE APRON**

Use both upstream and downstream apron where flow-thru and over-flow is onto dirt.  
Nail upstream apron near the edge every 3-feet and downstream apron every 6-feet.



### **SINGLE APRON**

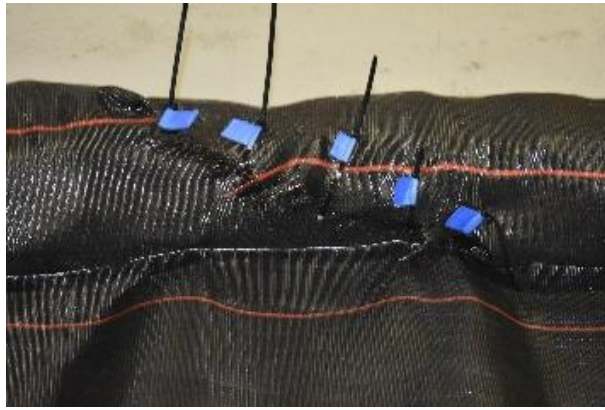
Use upstream apron (doubled) where flow-thru and overflow is onto concrete or asphalt.  
For Single apron installation, leave both aprons together and nail every 3-feet near the upstream edge.



### **MAINTENANCE AND REPAIR**

Check your wattles frequently for sediment buildup, displacement, and tears.  
Remove excess sediment buildup after each storm event.  
Construction is dynamic and wattles get displaced and sometimes torn – that's normal.  
Keep your wattles in good working order - your inspectors will be happy and your jobsite clean.  
Repair torn wattles with Zip-Ties (included), Gorilla Tape, Tie Wire, etc. – or replace it.  
Standard wattle foam can escape, becoming litter – pick it up and stuff anything in the tear.





To repair Wattles with **Zip Ties or Tie Wire**, use a nail to make holes 2-inches back from the tear. Place Zip Ties or Tie Wire through the holes and tighten to completely cover the foam.



To repair Wattles with **GORILLA TAPE**, first clean off dirt and mud. Standard Duct Tape will not stick or last like GORILLA TAPE. Pull the fabric together and place tape strips across the tear. Then place a long strip over the length of the tear to completely cover the foam.



**THANK YOU** for using Gator Guard products to help protect our environment.

Please contact us with your needs, questions, concerns, photos, suggestions, complaints, recommendations. We need **YOUR IDEAS** to keep improving our products and creating new ones to meet your needs. **SATISFIED CUSTOMERS IS GOAL #1.**