

REUSABLE SEDIMENT CONTROL WATTLE

(not biodegradable) – for Perimeter Control, Slopes & Ditch Checks

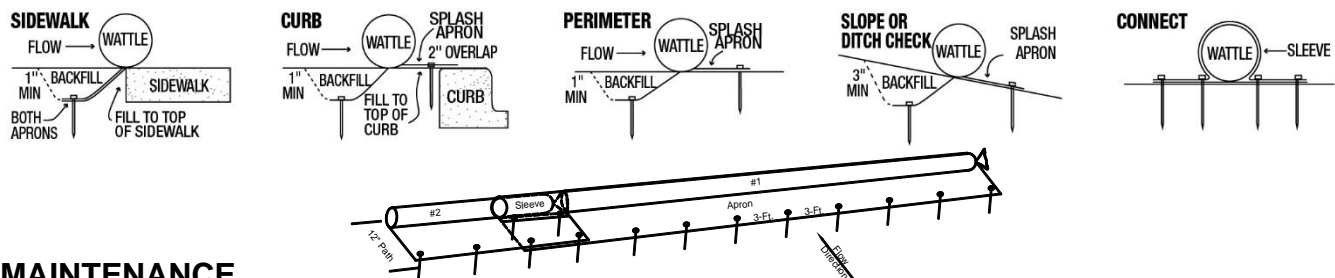
98% effective GATOR GUARD wattles are a BETTER ALTERNATIVE to straw wattles and silt fence for most, but not all applications. (20 times less soil loss than straw wattles – 6-inch Gator Guard vs 8-9-inch Straw)

NOT ON YOUR PLANS – Write in Gator Guard wattles on the SWPPP as an equal or better BMP, sign and date. (if in-doubt, check with your engineer, contract administrator and/or agency official first)

PACKAGE INCLUDES: One 25-foot wattle, 22 nails, 2 zip ties
(UV resistant geotextile stuffed with recycled closed-cell foam.)

INSTALLATION Standard or Extreme – Single or Double Apron

1. Prepare a smooth path or trench and install per drawings below, OR TRENCH IN.
2. Do not place wattles across rock site entrance. Limit Collection Area - Release water to a hard surface in several places.
3. Place wattle with tag downhill (tag at left end - looking uphill).
4. Reposition Foam: **Standard** - shake the squeezed end. **Extreme** – shove foam in tight.
5. For sidewalk application, nail both aprons uphill per drawing. Fill to top of sidewalk.
6. Nail uphill apron every 3-feet (2-inches from edge of apron) using nails included. Nail downhill splash apron every 6-feet, if used (for slopes and ditch checks).
7. Connect two wattles (per figure). Overlap aprons, pull sleeve tightly over second wattle, and nail through all aprons tight and smooth.
8. Place 1-inch of dirt minimum on uphill apron and compact with your feet.
9. To cut a wattle, shake stuffing from desired cut location, insert two zip ties around wattle tube about 6-inches apart and tighten. Cut fabric with a scissors.
10. **For high flow channels, use a series of wattles to catch sediment overflow.**



MAINTENANCE

1. Repair cuts with zip ties – stuff anything in the hole for temporary fix – pick up foam.
2. Inspect, clean out excess sediment and repair washouts after each runoff event.
3. Dispose of wattle properly if damaged, deteriorated or no longer needed.

REMOVAL / RE-USE

1. Pull up wattle by hand, remove dirt and nails for reuse, **or THROW IT AWAY - it's OK.**
2. Remove weeds and seeds before transport to another site.

SPECIFICATIONS – STANDARD & EXTREME SEDIMENT CONTROL WATTLE



Wattle FOAM Type	STANDARD*	EXTREME**
Part No.	RSW625	ESW525, 625, 825 and 925
Diameter	6-inch	5-in, 6-in, 8-in and 9-in
Length	25-feet	25-feet
Apron Width (5 & 6-in have Double “splash” aprons)	8-in	9-inD, 8-inD, 8-in and 14-in
Connection Sleeve	12-in	12-in
Weight – Single Roll / Bundle	10-pound Roll	10, 11, 17 & 22-pound Bundle
- Multi-Pack	30-pounds 3-pack	5-in = 30-pound 3-pack 6-in = 22-pound 2-pack 8-in = 34-pound 2-pack 9-in = 44-pound 2-pack
Dimensions – Single Roll / Bundle	39-in diam. x 7-in thick	5-in = 100-in x 15-in x 5-in 6-in = 100-in x 18-in x 6-in 8-in = 100-in x 24-in x 8-in 9-in = 100-in x 27-in x 9-in
- Multi-Pack	39-in diameter x 21-in thick 3-pack	5-in = 100-in x 15-in x 17-in 3-pack 6-in = 100-in x 18-in x 13-in 2-pack 8-in = 100-in x 24-in x 19-in 2-pack 9-in = 100-in x 27-in x 20-in 2-pack
Fabric: - Material	Woven polypropylene Monofilament	
- Type	High Quality Silt Fence	
- Weight	6 oz./sq. yd.	
- Tensile Strength	260 x 180 lbs.	
- Mullen Burst	175 psi	
- Water Permeability	75-gpm/sf clean water, <10-gpm/sf dirty water	
- UV % Strength	80% after 500 hrs.	
Thread	UV Resistant Polyester	
Foam Filler - Closed cell polyethylene foam - Does NOT soak-up water	Random cut recycled scrap (fist size & smaller) *	5,6,8 or 9”x50” roll of sheet foam (from recycled plastic) **
*Note: Standard - Wattle becomes egg shaped when driven over, but can easily be reformed back to round. Standard foam pieces can escape if the fabric is ripped open, or deteriorated, creating foam litter – pick it up.		
**Note: Extreme - Wattle keeps nearly full height when driven over, and has no foam litter if ripped open.		
Install Pins 5-in Galvanized Deck Nails Included	22 nails in each pack	22 nails in each pack
Alt. Install Pins 6-12 inch Landscape Staples	Purchase Locally	
Alt. Install Pins - Big Nails 40-D or larger	Purchase Locally	
Installation Pin Spacing	3-ft upstream apron, 6-ft splash apron	
11-inch Cable Ties (for cut-to-length & Repair)	2 included (near tag)	
Cover apron w/ dirt (compact w/ feet)	1-inch of dirt minimum	
Accidental cut repair	Secure cut with zip ties or replace	
Functional Life (expected)	5 years (excludes major damage)	
Soils Lab Testing	San Diego State University – Jan. 2008	
% Effective - LA Basin 10-yr storm Equiv.	98% effective for 3:1 slope	

Date: October, 2021 – The above properties are typical averages.
All test methods are ASTM or Industry Standards.



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SOLUTIONS WE SUPPLY

GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

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