



# SILTWORM™

A READY-TO-USE **EROSION AND SEDIMENT BARRIER** FILLED WITH OUR  
PROPRIETARY BLEND OF 100% RECYCLED, KILN-DRIED MATERIAL.



### **Cost Effective**

SILTWORM will save you money on labor, time and equipment. It's easy to move, re-use and requires minimal maintenance.



### **Powerful Filter**

SILTWORM allows water to flow through at a controlled rate while separating and retaining sediment and pollutants to improve the downstream water quality.



### **Easy Install & Maintenance**

SILTWORM lays on top of the ground with no equipment needed. It is easy to shape and fit to site, and staking is only required on steep slopes.



### **Better Site Access**

SILTWORM is an effective sediment control device that is easy to move and low to the ground, allowing for easier access to the work site.



### **Versatile**

An effective perimeter device that is approved for ditch check, slope interruption, perimeter control applications and inlet protection.



### **Shippable**

Palletized, protected from weather, and ready to ship to your project's location or distribution warehouse.



### **Green Product**

SILTWORM is filled with 100% biodegradable & recycled material and the mesh is photodegradable over an extended period of time.

**SILTWORM**

[www.siltworm.com](http://www.siltworm.com)

P.O. Box 691 Saint John, IN

[sales@siltworm.com](mailto:sales@siltworm.com)



## THE SILTWORM TECHNOLOGY ADVANTAGE

Installation of SILTWORM can be accomplished without disturbing the soil surface, thereby reducing erosion. It is easy to move, not damaged by wind or aggressive rainfalls, and requires minimal staking allowing for easy access to worksites. The advantages equal cost savings by reducing labor, replacement and disposal costs.



***Silt fence has a higher failure rate and faster overtopping as flow through rates are 50% less and ponding depth is 75% higher in comparison to SILTWORM.***

### INSTALLATION

### MAINTENANCE

### REPAIR

- ◆ To prevent or reduce sediment runoff and erosion, arrange SILTWORM around the perimeter of the site and perpendicular to storm water flow
- ◆ To create a continuous line of defense, overlap adjacent SILTWORM by 6"
- ◆ In sites with grade greater than 12%, SILTWORM should be saddled and staked for additional security
- ◆ If sediment accumulates to  $\frac{1}{2}$  the height of the SILTWORM, stack the product in a pyramid manner (one on top of two)
- ◆ If sedimentation occurs over 50% of the SILTWORM's height or is overtopped, add additional SILTWORM on top or in front of the existing SILTWORM
- ◆ Inspect and repair SILTWORM as necessary prior to rain events
- ◆ To protect products from damage in areas of active construction or heavy traffic consider flagging to improve visibility and divert traffic
- ◆ If vehicle traffic crosses SILTWORM return the product to its original position and repair if needed
- ◆ For product tears, add replacement sleeve over torn area, cut and tie ends
- ◆ For deformation of SILTWORM due to vehicle drive-overs, reshape SILTWORM by hand and reposition

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## RELIABLE PRODUCT ELEVATED RESULTS

*Manufactured in one facility  
with consistent quality of fill  
material and processes to  
ensure quality product.*

## APPLICATION

- ♦ Perimeter Control
- ♦ Hard Surface Protection: including frozen ground and concrete
  - ♦ Ditch Check Application
  - ♦ Stockpile Application
- ♦ Protection of Tree Roots and Contain Mulch Beds
  - ♦ Inlet Protection
- ♦ Used by Fire and Police Departments to Filter Oil, Gas and Other Contaminants at Accident Sites



## PRODUCT DETAIL

- ♦ Available in 9" or 12" diameter (standard), or 18" for custom order
- ♦ Made from biodegradable materials
- ♦ Life span approx. 18-24 months
- ♦ Dry Weight: 4 lbs./ft.
- ♦ Saturated Weight: 10 lbs./ft.

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# NOT ALL SEDIMENT CONTROL SOLUTIONS ARE CREATED EQUAL

	Technology	Sediment Retention
Top Choice	Siltworm	90%
	Straw and Coconut Fiber	76%
	Compost	70%
	Straw Wattle	68%
	Excelsior Fiber Roll	65%

All information supplied is considered to be true and accurate. Siltworm testing is based upon accepted industry practices and was completed by TRI/Environmental, Inc. on Nov. 22, 2017. Any non-standard conditions that may affect the application of the materials, should be consulted with Siltworm, Inc.



In comparison to various technologies, test results reveal Siltworm is the optimal choice in sediment control performing 18% more efficient than the second highest rated method, straw and coconut fiber.



Siltworm's unique composition of a rolled fabric netting filled with a proprietary blend of 100% recycled, kiln-dried wood fiber allows water to flow through as sediment remains behind the effective barrier at the end of the water flow, as pictured.

## We Are

A wholesale company focused on an effective, eco-friendly solution to EPA regulated sediment and erosion control. Our product, SILTWORM, is a ready-to-use polyethylene, rolled filter device filled with a proprietary blend of 100% recycled, kiln-dried wood fiber. Used as a replacement to silt fencing with additional applications to control erosion.

# NOT ALL SEDIMENT CONTROL SOLUTIONS ARE CREATED EQUAL

	Technology	Sediment Retention
Top Choice	Siltworm	90%
	Standard Silt Fence	27%
	Wired-back Silt Fence	53%

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**Standard Silt Fence**



**Siltworm**



**Wired-back Silt Fence**

In comparison to various technologies, test results reveal Siltworm is the optimal choice in sediment control performing 59% more efficient than the second highest rated method, wired-back silt fence.

Siltworm's unique composition of a rolled fabric netting filled with a proprietary blend of 100% recycled, kiln-dried wood fiber allows water to flow through as sediment remains behind the effective barrier at the end of the water flow, as pictured.

## We Are

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