

SiltSoxx™

Erosion & Sediment Control for Post-Fire Remediation



Contact us today
for local availability:
877-542-7699
info@filtrex.com
filtrex.com/fire

SiltSoxx Advantages

- Superior & consistent results—SiltSoxx is an industry leading sediment removal BMP¹
- Greater performance than straw wattle, gravel bags, and silt fence¹
- Lower maintenance & easy disposal with the lowest overall project cost²
- Installs rapidly and easily—no trenching required
- Original compost filter sock with 15+ years of peer-reviewed research & field use
- Excellent ash retention for post-rain event clean-up
- Use on bare soil or concrete

Filtrex Environmental Sustainability Benefits

Filtrex SiltSoxx uses **locally recycled organic materials** inside of photodegradable or biodegradable mesh. Diverting these organic materials from landfills and applying them to the soil means a reduction in greenhouse gas emissions. **For every 1,000' of 8" SiltSoxx used, 33,000 lbs of organic materials are diverted and your carbon footprint is reduced by 70,000 lbs CO₂e.** This is the equivalent of offsetting the greenhouse gas emissions of **7 passenger vehicles** driven for one year.³ SiltSoxx minimizes the cost of removal/disposal and keeps excessive amounts of plastic out of the landfill—at the end of your project, simply spread the organic materials on-site⁴.

Excerpt from *Case Studies in Tube-Based Sediment Control: California Fire Remediation*

Originally published in *Erosion Control Magazine*, May 2017, Janice Cessna

As a waste management engineer for the California Department of Resources Recycling and Recovery (CalRecycle), Todd Thalhamer occasionally serves as operations chief for large-scale fire remediation projects throughout California. Recently, he directed structural debris cleanup operations for the massive Valley Fire. Covering 76,000 acres in Lake County and minor portions in adjacent Napa and Sonoma Counties, the fire consumed nearly 2,000 structures containing potentially hazardous asbestos and heavy metals...

Using products that install rapidly and easily with minimal crew training makes Thalhamer's job easier...Because fire remediation involves dealing with hundreds or thousands of burned and exposed acres with limited personnel and materials, small crews of six to eight move quickly to install a variety of erosion and sediment control products. "We use erosion control mats, hydroseeding, and straw fiber rolls on many property boundaries," says Thalhamer. But SiltSoxx, made by Filtrexx International from Filtrexx Mesh and composted FilterMedia, became his preferred product for certain applications because of its superior performance and rapid installation...

Primarily, he calls for SiltSoxx along the lowest stretch of a property boundary, where sheet flow attempts to leave the lot. "We've found that [SiltSoxx] works extraordinarily well in preventing sheet flow erosion as long as the surface is relatively level," says Thalhamer. Justin Hill, foreman for Pacific States Environmental Contractors, agrees. "We also drop [SiltSoxx] where we can't really anchor it well, like across concrete driveways," says Hill. Working regularly with CalRecycle as a fire remediation contractor, Pacific States installs its share of erosion and sediment control products. "I think SiltSoxx does a good job. It's easy to lay down, you don't have to trench it, and it's heavy enough to settle in once it gets wet..."

Having worked on many fire remediation projects, Thalhamer claims he's tried every erosion and sediment control product on the market but now has no plans of using anything but SiltSoxx for critical applications. "With some other products, there's more of a quality control and quality assurance problem and they're not as durable," he says...

After cleanup, the erosion and sediment control products are left in place as homeowners return and rebuild. As blocks of sites are cleaned up and released back to homeowners, cleanup continues elsewhere in the area. When it comes to eventual disposal, SiltSoxx continues to be low maintenance thanks to the organic composted filling that can be spread onsite. "You can just cut them open and dump the compost on the ground," says Thalhamer...

SiltSoxx™ Specifications

Diameter	Length
5"	16 @ 25' ea
5"	2 @ 200' ea
8"	18 @ 10' ea
8"	1 @ 200'
12"	10 @ 10' ea
12"	1 @ 110'

- Available in-stock nationwide
- Ask about all natural cotton mesh



Learn more at www.filtrexx.com/fire

SiltSoxx™ are in compliance with most state & federal agencies including:

