

SiltSoxx™ BMP Comparison

Choose SiltSoxx the **first** time—why waste time and money on BMPs that fail?



SiltSoxx Advantages

- Lower maintenance with the lowest overall project cost¹
- Superior & consistent results—SiltSoxx is an industry leading sediment removal BMP²
- Meets specs & performs better than even larger diameter off-spec filter sock²
- Installs 3X faster than silt fence—no trenching required³
- 50% greater flow-through rate compared to silt fence⁴
- Original compost filter sock with 15+ years of peer-reviewed research & field use
- SiltSoxx don't fall down

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



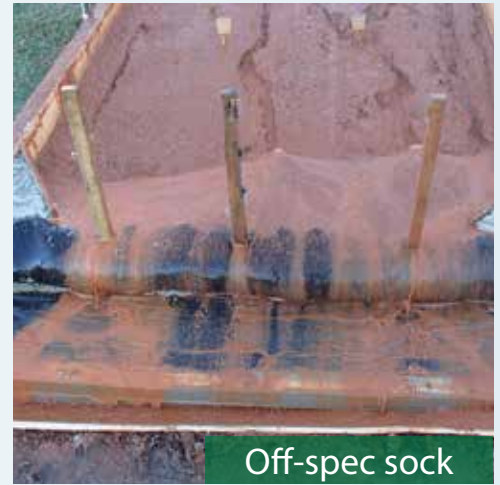
Failures of these BMPs require regular maintenance, extra costs and fees.



The sediment removal shortcomings of silt fence need little explanation. Failures such as this require regular maintenance, contributing to a much higher overall project cost.



Staking, weight, and level surface are primary drivers in sediment removal performance. More staking on straw wattles creates more low points, which are more likely to overtop.



Barriers with low flow-through rate, such as off-spec filter sock and straw wattles, overtop faster due to increased ponding and hydraulic pressure behind the barrier. They are also most likely to undermine and release sediment.

Total Solids (TS) Removal Efficiency

Sediment Control Barrier	Product Height	Removal Efficiency*
Filtrexx SiltSoxx ¹	12 in	97%
Filtrexx SiltSoxx ¹	8 in	82%
Silt fence ²	24 in	72%
Straw wattle ¹	20 in	70%
Tire-chip wattle ¹	9.5 in	69%
Off-spec filter sock ¹	12 in	66%
Rock/gravel bag ³	N/A	16%

Sources:

¹Data from TRI-Environmental, ASTM D6459. See Filtrexx TechLink #3333.

²Silt fence data from San Diego State University, Modified ASTM D6459. See Filtrexx TechLink #3331.

³Rock/gravel bag data from Soil Control Lab, ASTM D3977-97C. See Filtrexx TechLink #3332.

*Removal efficiency performance may vary under conditions different from those tested and reported here.

The performance difference between compost filter socks that adhere to federal and state specifications versus those that do not meet these specifications is quite substantial. Scientific research shows that 8-inch SiltSoxx performs better than 12-inch off-spec filter sock, generating 43% less tons/acre of sediment¹, underscoring the importance of using the proper media and mesh. Filtrexx® FilterMedia™ is certified to meet the necessary flow-through rates specified by both the USEPA and most state regulators.

Spec's and CADs at www.filtrexx.com/specifications

Filtrexx Environmental Sustainability Benefits

Filtrexx 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.⁴ 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-site⁵.