



# PRODUCT DATA SHEET

## FlexTran - Silt Sock

Also called Filter Sock, Compost Filter Sock, Mulch Sock, Biodegradable Sock

### Description

FlexTran Environmental's Silt Sock is a US Made and an EPA recognized tubular erosion and sediment control BMP (Best Management Practice) device made with a polypropylene mesh fabric tube containing wood filter media that is non-treated, weed, disease, and pathogen free. This wood is 100% recycled, compostable and derived from clean sources of woody organic matter. The wood filler is sized to aid in filtration, absorb and slow water flow while allowing water to pass through at a controlled rate so sediment can be captured or settled out on the uphill side of the sock. Wet socks are designed to become heavy so the oval shape of the device will maintain excellent ground contact, reducing the chance for water to undercut the sock which reduces water from channeling causing further erosion.

Use Silt Sock for perimeter protection, alternate ditch checks, curb and drain inlet protection, slope interruption, protection along the toe of stream and channel banks. Use on frozen and unfrozen soils, pavement, rocky terrain and where trenching is not preferred around underground utilities or sensitive plant roots.

### Approvals & Applications

MODOT SWPPP 806.8.6.4.8 for Compost Filter Socks – Specs Met or Exceeded  
MODOT SWPPP 806.8.4.3 for Alternate Ditch Checks – Specs Met or Exceeded  
ARDOT SS-621-1 Subsection 621.01 for Filter Sock – Specs Met or Exceeded  
Other DOT Specs Reviewed or Approved: TDOT, ODOT, IDOT, KDOT, FDOT. Contact us for other DOTs

### Specifications

Material Type: Heavy Duty Multi-Filament Polypropylene Knitted (HDMFPP)  
Sock Diameters\*: 8-9" 12" 18" 24"  
Mesh Opening: 1/8-3/8"  
Tensile Strength: 202 psi  
Ultraviolet Stability % Original Strength: 100% at 1000 hr (ASTM G-155)  
Minimum Functional Longevity\*: 24 months  
Colors: Black, Orange, Safety Green

### Fabric

### Filler Material

Material: Wood that is non-treated, weed, seed, disease and bark free, 100% recycled, pH balanced, 100% Non-toxic, biodegradable and compostable.  
Particle Size: 99% passing a 2-inch sieve and a maximum of 40% passing a 3/8 in.  
Moisture Content: < 60%  
Bulk Density: 14 lbs/cu ft (dry weight) or more.  
pH: 5.0-8.0  
Material shall be relatively free (<1% by dry weight) of inert or foreign man-made materials.

### Other Information

\*Filled sock diameters can vary and effective height will settle over the useful life of the sock. Due to staking or gravity the sock's shape in use is expected to become oval. Our measurements are based on the horizontal distance (filtration/ground contact distance in use) with the effective height of the product settling to 20-25% of the width. Therefore, an 8-9" Silt Sock in use will typically measure 8-9" across x 6-7" high (+/-) and a 12" Silt Sock in use will typically measure 11-12" across x 9-10" high (+/-). 18" and 24" Silt Socks can expect to settle a similar %. While the height is less than the width, ground contact and filtration distance through the sock is gained and less rolling on slopes and backside washouts occur. This shape also reduces the need for trenching to prevent water from undercutting the sock. Order depending on the need of the project's duration, terrain, water flow and weather conditions. For more product and installation information please visit our website below or give us a call.

### Disclaimer

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### Contact

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