

Filter Sock Specifications

Compost media and mesh specifications for erosion and sediment control.

Table 1: Filled Filter Sock Specifications

Organic Matter Content	25% - 100% (dry weight basis)
Organic Portion	Fine composted material to Chip & Shredded
pH	5.0 - 8.0
Moisture Content	30% - 60%
Particle Size	40% AVG. passing a 3/8-inch sieve 100% passing a 2-inch sieve
Soluble Salt Concentration	5.0 dS/m (mmhos/cm) Maximum
Sock Sizes	8", 12", 18", 24", 32"

Regulatory Agency specifications vary. This profile meets most state and all federal requirements. Man-made inerts: less than 1%.

Biological stability/maturity (CO₂ elevation rate): less than 8 mg.

Table 2: Mesh Properties

Construction	Tubular Knit	
Chemical Reaction	Inert to most soil chemicals including Alkaline, weak acids and salt	
Properties	Fiber Material	Multi-Filament Polypropylene
Under Scope of ASTM G-155	Color	Black
	UV Protection	Photodegradable/ UV Stabilized
UV Resistance ASTM D4355 Strength Retained ASTM D5035	UV Resistance ASTM D4355 ASTM D5035	100% at 1000 hr.
Longevity	Approx. Life Expectancy	2-4 years
Gauge	Mesh Opening	1/8"
Tensile Strength Properties	ASTM D4595	545 lbs
Thickness	ASTM D5199	57.35 mils
Sock Sizes	8", 12", 18", 24", 32"	
Packaging	Package Types	Roll

Table 3: BMP Performance

Sediment controlled device	Flow rate (GPM/ft ²)	Removal efficiency
12 inch CORE Filter Sock	15.9	92%
18 inch CORE Filter Sock	16.9	93%

Flow-through testing per ASTM D5141.

Sediment removal efficiency testing per ASTM D7351.