country garden farms

SPECIFICATION SHEET

8 INCH COMPOST SOCK PRODUCT SPECIFICATIONS

MATERIALS

Compost Socks shall be dense, 8" diameter tubes of USCC Certified Compost bound by mesh socks. Compost Socks shall be temporary, sediment control devices that minimize sediment movement in runoff, reduce water velocity, and release water as sheet flow. In conjunction with other erosion control products and techniques, Compost Socks shall provide slope, channel, swale, and ditch interruption and protection for water inlets and outlets. Compost Socks shall be manufactured and supplied by Country Garden Farms.

INSTALLATION

Compost Socks shall be installed by the Contractor along the contour of slopes and perpendicular to flow in channels, trenches, or swales at intervals required by the site conditions. Compost Socks do not have to be staked but should be placed such that Compost Socks directly contact soil and preclude undermining or blowouts. Ends of adjacent Compost Socks shall be tightly butted or overlapped so that no opening exists for water to pass through. Compost Socks shall be free of damage or defects when delivered to the shipper. No vehicles shall be driven over Compost Socks

ADVANTAGES

Compost filter socks provide many benefits such as: no trenching required; compost socks are made from recycled material; filter socks can be spread into existing soil to boost the quality; filter socks are easily designed for a variety of land-based filtration and pollutant removal applications; and soil erosion on hill slopes slows flow velocity.

APPLICATIONS

Compost filter socks can be used in a variety of settings such as: perimeter sediment control; check dams to reduce soil erosion; storm drains and curb storm inlet protection; protection of sensitive wildlife habitat, wetlands, and ecosystems; use on paved, compacted, or frozen areas where trenching is not possible or is undesirable.

COMPOSITION

Compost is composed of hay, various wood chips, and horse/cow manure. Compost is USCC certified and produced in Palmer, Alaska at Country Garden Farms.

PROPERTY (Nominal)	ENGLISH	METRIC
Product dimensions (Diameter x Length +/- 10%)	8 in. x 20 ft.	2 cm x 600 cm
Product weight (+/- 10%)	208 lbs.	94.35 kg
Wattle density (+/- 10%)	29.8 lbs/ft3	477 kg/m3
Fiber composition	USCC Certified Compost-soil test available on request	
Netting composition Specifications available on request.	Silt Sock 8-inch Heavy Duty Black Fabric. 8" Nominal Diameter. Photodegradable ASTM G-155. Tensile strength 175 PSI. ASTM 6241 & ASTM 5035. Mesh Opening: 1/16-inch Tubular Knit.	
Configuration (3 Compost wattles per pallet)	Cylindrical with closed ends secured by metal ties	

Alaska GROWN

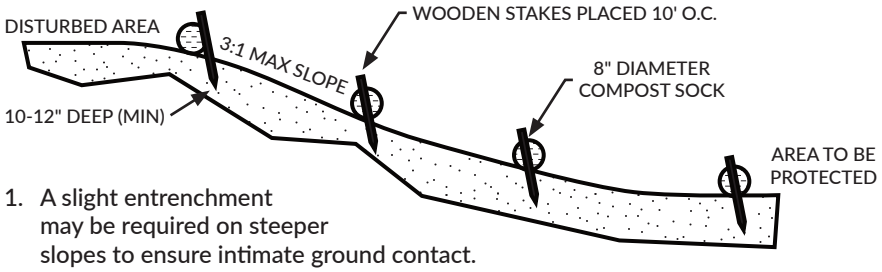
Alaska Product Preference Program ★★★ Class III Company

US Composting Council® Proud Member

Country Garden Farms products are certified Alaska Grown and in the Alaska Product Preference Program for Sod Grass, Hay, Straw, Trees, Compost, and Agricultural Limestone. Our compost is USCC Certified.

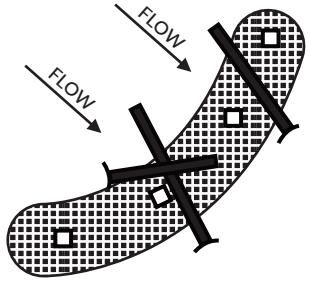
8 INCH COMPOST SOCK INSTALLATION GUIDELINES

SLOPE INTERRUPTION



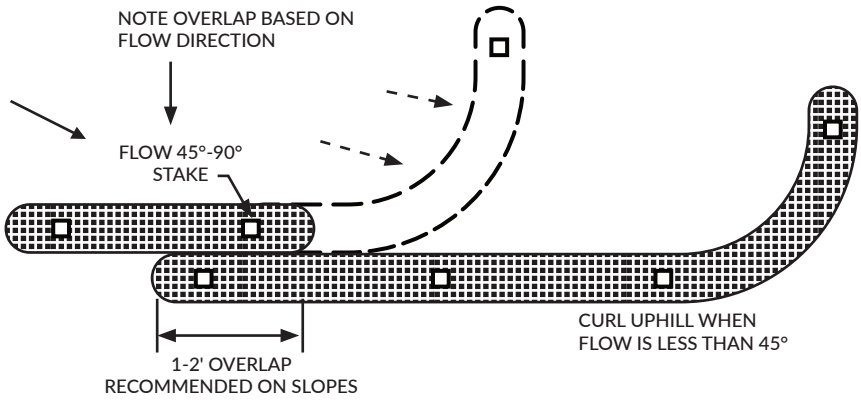
1. A slight entrenchment may be required on steeper slopes to ensure intimate ground contact.
2. Remove sediment from the upslope side of the compost sock when accumulation has reached 1/2 of the effective height of sock.
3. Loose filter media may be backfilled on the upslope side of sock to enhance performance.
4. Hardwood stakes 2"x2"x24" (nominal) are suggested.

DITCH CHECK

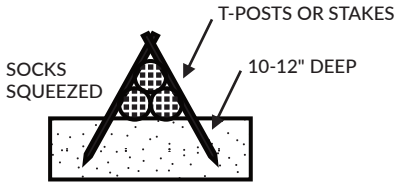


Install compost sock perpendicular to flow with ends curled slightly upstream to prevent high water from going around the ends. Slow and spread water to reduce channeling and erosion.

PERIMETER CONTROL & OVERLAPPING

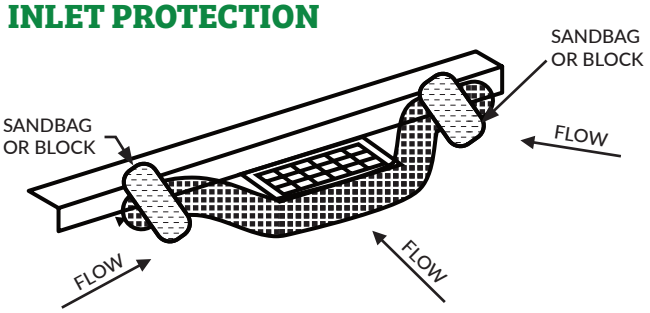


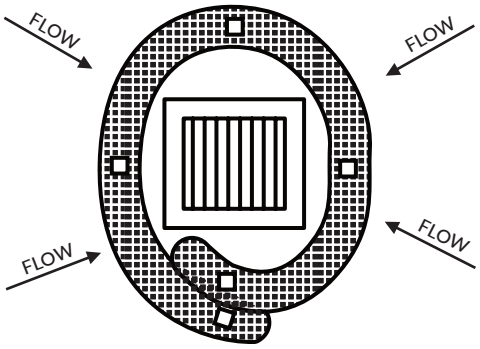
PYRAMID INSTALLATION STAKING

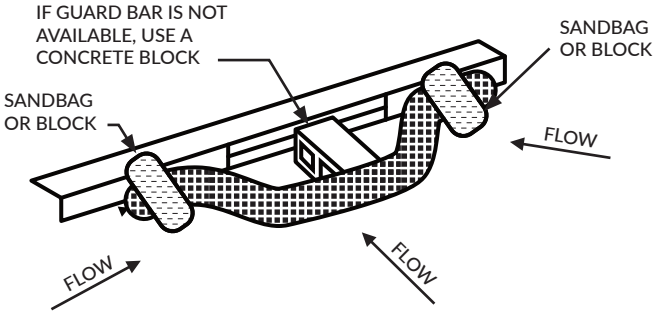


A pyramid of smaller diameter compost socks will increase the effective height of the device when larger diameter socks are not readily available or easy to install.

INLET PROTECTION







PLEASE NOTE

1. These guidelines are based upon manufacturer's recommendations. Project specifications may supersede these guidelines.
2. Refer to regulatory authority or project engineer for detailed installation procedures.
3. Wood filler material is properly sized, biodegradable, weed-free, seed-free, and disease-free, and environmentally sound.

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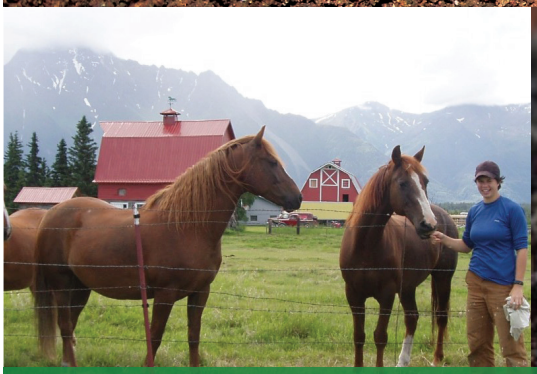
12 REASONS TO USE COMPOST



Supplies organic matter

Aids the proliferation of soil microbes

Buffers soil pH

Improves the moisture holding capacity of light soils – reducing water loss and nutrient leaching, and improving moisture retention

Increases moisture infiltration and permeability, and reduces bulk density of heavy soils – improving moisture infiltration rates and reducing erosion and runoff

Contains humus, which assists in soil aggregation and making nutrients more available for plant uptake

Improves the cation exchange capacity (CEC) of soils

Improves soil structure and porosity, creating a better plant root environment

Allows plants to more effectively utilize nutrients, while reducing nutrient loss by leaching

Enables soils to retain nutrients longer

Supplies beneficial microorganisms to soils and growing media

Encourages vigorous root growth

*Compost product claims prepared for the US Composting Council. Find out more at compostingcouncil.org.