



FILTER FABRIC FENCE (SILT FENCE)

Silt Fence may be used to control runoff from small disturbed areas when it is in the form of sheet flow, and the discharge is to a stable area. Only those fabric types specified for such use by the manufacturer should be used. Standard Filter Fabric width shall be 30" min.; Reinforced Filter Fabric width shall be 42" min.

Do not use silt fence in areas of concentrated flows (e.g. channels, swales, erosion gullies, across pipe outfalls, as inlet protection, etc.).

Silt Fence should not be used in areas where rock or rocky soils prevent the full and uniform anchoring of the fence. Forested areas are not recommended unless tree roots can be severed during excavation of the anchor trench.

Silt Fence should not be installed on uncompacted fills or in extremely loose soils (e.g. sandy loam), since this will likely result in undermining of the fence.

A 6" deep trench should be excavated, minimizing the disturbance on the downslope side. The bottom of the trench should be at level grade. NOTE: Standard Silt Fence may be installed using the slicing method provided manufacturer's recommendations are followed.

A 2" X 2" (+/- 3/8", minimum cross-sectional area of 3.0 square inches) hardwood or equivalent steel (U or T weighing not less than 1.33 pound per linear foot) support stake should be driven 18" below the existing ground surface at 8-foot (max.) intervals (see Standard Construction Detail # 4-7 on pg. 12).

STANDARD CONSTRUCTION DETAIL # 4-7 Standard Silt Fence (18" High)

*STAKES SPACED @ 8' MAX.
USE 2" x 2" (± 3/8") WOOD
OR EQUIVALENT STEEL
(U OR T) STAKES

