

SFMono36/36/10L Woven Monofilament Silt Fence Specifications

DESCRIPTION: Woven Monofilament Silt Fence shall consist of four parts:

1. Silt Fence geotextile shall be a 36" wide monofilament, woven filter fabric machine produced from 100% polypropylene. Geotextile should be designed specifically to retain sediment and remain highly permeable to water. Desired characteristics include small pore size, high U.V. resistance, high permittivity, and a high percent open area.
2. Nominal 2" x 2" x 36" hardwood stake with a chisel or pencil point
3. Nominal 2" x 24" hardwood lath
4. Staples 1 1/2" GS16

GEOTEXTILE PROPERTIES:

<u>Mechanical/ Physical Properties</u>	<u>Description/Minimum Average Roll Values</u>	<u>Test Method</u>
Structure	Woven Monofilament	
Polymer	Polypropylene	
U.V. Resistance (@ 500hrs)	80% Strength Retained	ASTM D4355
Permittivity	2.9 Sec-1	ASTM D4491
Flow Rate	100 gpm/ft ²	ASTM D4491
Grab Tensile Strength (md)	130 lbs	ASTM D4632
AOS (U.S. Sieve)	30	ASTM D4751
Mullen Burst Strength	175 psi	ASTM D3786
Color	Orange or Black	

ASSEMBLY:

Silt fence geotextile shall be attached to hardwood stakes with hardwood laths and secured with a minimum of five 1 1/2" staples. Hardwood stakes shall be 10' on center. The bottom 12" of fabric shall be left unsecured to allow for entrenchment.

PREPARATION/INSTALLATION:

Create a 6" deep trench along proposed fence line. Drive the stakes into the trench a minimum of 8". Be sure to stretch fabric taut when driving stakes. Stakes must be installed on the downhill or downstream side of fence. Drape loose end of geotextile into trench, then backfill and compact soil on both sides.

PACKAGING:

Color:	Orange (SFMono36/36/10LO) Black (SFMono36/36/10LB)
Fabric Width	36"
Post Length	36"
LF/Roll	100'
LF/Pallet	2000'
Weight/Roll	30 lbs