

SiltSoxx Sizing & Installation

We stock 8" and 12" sizes. 18", 24" & 32" sizes also available.
In general, use 8" for flat sites and 12" for sloped sites.

Slope Percent	Maximum Slope Length Above Sediment Control in Feet (meters)*				
	8 in (200 mm) Sediment control	12 in (300 mm) Sediment control	18 in (450 mm) Sediment control	24 in (600mm) Sediment control	32 in (800mm) Sediment control
	6.5 in (160 mm)**	9.5 in (240 mm) **	14.5 in (360 mm) **	19 in (480 mm) **	26 in (650 mm) **
2 (or less)	600 (180)	750 (225)	1000 (300)	1300 (400)	1650 (500)
5	400 (120)	500 (150)	550 (165)	650 (200)	750 (225)
10	200 (60)	250 (75)	300 (90)	400 (120)	500 (150)
15	140 (40)	170 (50)	200 (60)	325 (100)	450 (140)
20	100 (30)	125 (38)	140 (42)	260 (80)	400 (120)
25	80 (24)	100 (30)	110 (33)	200 (60)	275 (85)
30	60 (18)	75 (23)	90 (27)	130 (40)	200 (60)
35	60 (18)	75 (23)	80 (24)	115 (35)	150 (45)
40	60 (18)	75 (23)	80 (24)	100 (30)	125 (38)
45	40 (12)	50 (15)	60 (18)	80 (24)	100 (30)
50	40 (12)	50 (15)	55 (17)	65 (20)	75 (23)

* Based on a failure point of 36 in (0.9 m) super silt fence (wire reinforced) at 1000 ft (303 m) of slope, watershed width equivalent to receiving length of sediment control device, 1 in/24 hr (25 mm/24 hr) rain event.

** Effective height of Sediment control after installation and with constant head from runoff as determined by Ohio State University.



Flat Sites: 1. Stake one end down and back away with the pallet.
2. Stake every 10' through the center of the tube.



Inlet Protection:

1. Use a 10' section to protect the grate.
2. Use second piece to guard the curb if needed.
3. Tie together at ends.



Sloped Sites: 1. Stake one end down and back away with the pallet.
2. Stake every 10' on the downhill side of the tube.



Concrete Washout:

1. Use one or two layers of SiltSoxx in a circle to contain excess concrete.
2. Stake on both sides.



Drainage Ditches:

1. Use a 10' section with 3 stakes.
2. Space as needed for your slope.



Slope Stabilization:

Go to www.mcsnjinc.com for the many solutions that they offer including slope stabilization, vegetated retaining walls and stream bank restoration.

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