

ERO-GUARD



ube Socks



Low Maintenance - Installation Ease Cost Effective - Reusable

Ero-Guard Brand "TUBE SOCKS" are high quality filter fabric tubes, filled with a fully recycled wood material that acts as a great erosion control device.

TUBE SOCKS Can be used for several different applications: Perimeter Control, Inlet/ Drainage Protection, Living Walls, Stream Bank/Shoreline Protection, Stock-pile Confinement, and Slope Interruption.

TUBE SOCKS allow water to flow through at a controlled rate while leaving the sediment behind. They are specifically engineered to have great contact with the ground preventing any water from flowing underneath it.



Tube Sock Technical Data:

Diameter: 8 inches

Length: 20 feet (longer custom lengths available upon request)

Pallet Qty: 10 units (200 feet)

Your Leader In Erosion Control Blankets

MArtenson Turf Products, Inc.
800-833-2290

ERO-GUARD



ube Socks



Performance Values:

(Verified by 3rd party ASTM/ECTC testing protocol)

Table 1. Material properties of Socks tested.

Product*	Average Diameter (in)	Length (ft)	Cubic Feet	Weight (lb)	Density (lb/ft ³)
1	8.1	11.5	3.0	80.0	26.8
2	7.2	11.3	3.2	79.0	24.8
3	8.0	11.5	3.0	78.5	26.3

*Product 1 was installed for test EGS-L02-082212, 2 for EGS-L03-082712, and 3 for EGS-L04-082812

Table 2. Summary of rainfall erosivity (R factor) and soil loss for Sock tests.

Test Name*	Target Intensity (in/hr)	Duration (minutes)	Measured Intensity (in/hr)	Cumulative R Factor (U.S. Customary Units)	Cumulative Dry Soil Loss (lb)	Cumulative Dry Soil Loss (T/A)
EGS-L02-2in-082212	2.0	20	1.8	7.43	0	0
EGS-L02-4in-082212	4.0	30	4.0	114.26	14.70	1.14
EGS-L03-2in-082712	2.0	20	2.1	10.71	1.99	0.15
EGS-L03-4in-082712	4.0	30	3.6	98.05	66.78	5.19
EGS-L04-2in-082812	2.0	20	1.9	7.78	1.01	0.08
EGS-L04-4in-082812	4.0	30	3.6	95.03	24.44	1.90

*Last six numbers in test name are the date of the test in 00 month, 00 day, 00 year format.

Table 3. P factor value for Ero-Guard Sock.

BMP	P factor	% Soil Retained
Ero-Guard Sock	.30	70

Your Leader In Erosion Control Blankets

Martenson Turf Products, Inc.
800-833-2290

ERO-GUARD



ube Socks



Performance Values:

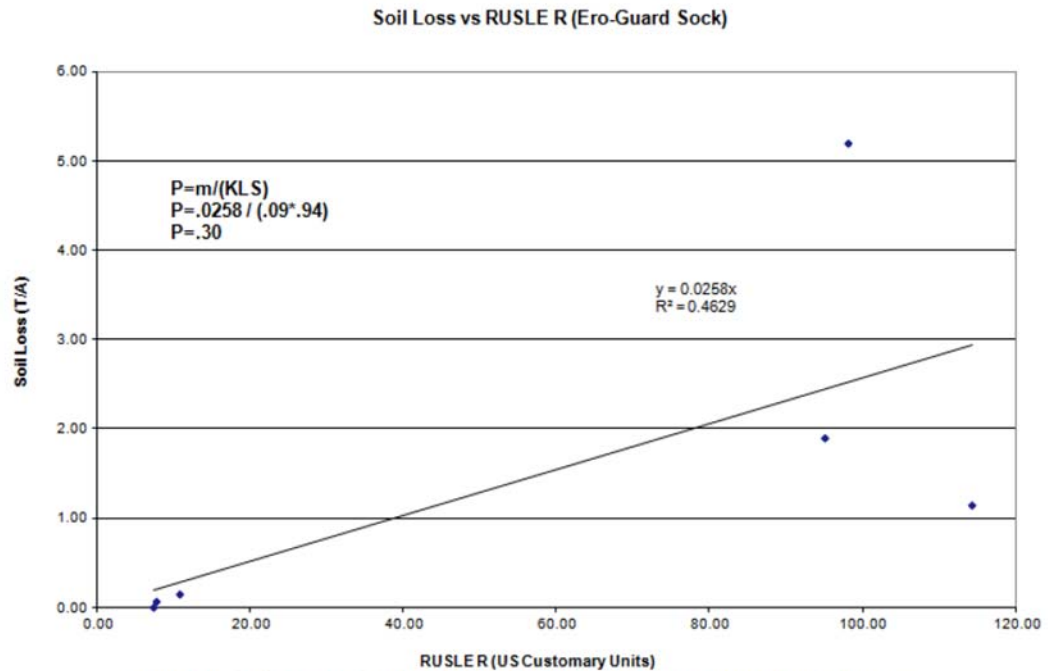


Figure 4. Soil Loss vs RUSLE R factor regression of Ero-Guard Sock data set.

Figure 4. Soil Loss vs RUSLE R factor regression of Ero-Guard Sock data set.

Table 4. Average and peak sediment concentration results for all Ero-Guard Sock test segments.

Test	Average Sediment Concentration (mg/L)	Peak Sediment Concentration (mg/L)
EGS-L02-2in-082212	4,507	7,896
EGS-L02-4in-082212	15,087	40,322
EGS-L03-2in-082712	20,936	42,840
EGS-L03-4in-082712	26,076	47,945
EGS-L04-2in-082812	8,840	11,579
EGS-L04-4in-082812	17,280	25,487

Your Leader In Erosion Control Blankets

Martenson Turf Products, Inc.
800-833-2290

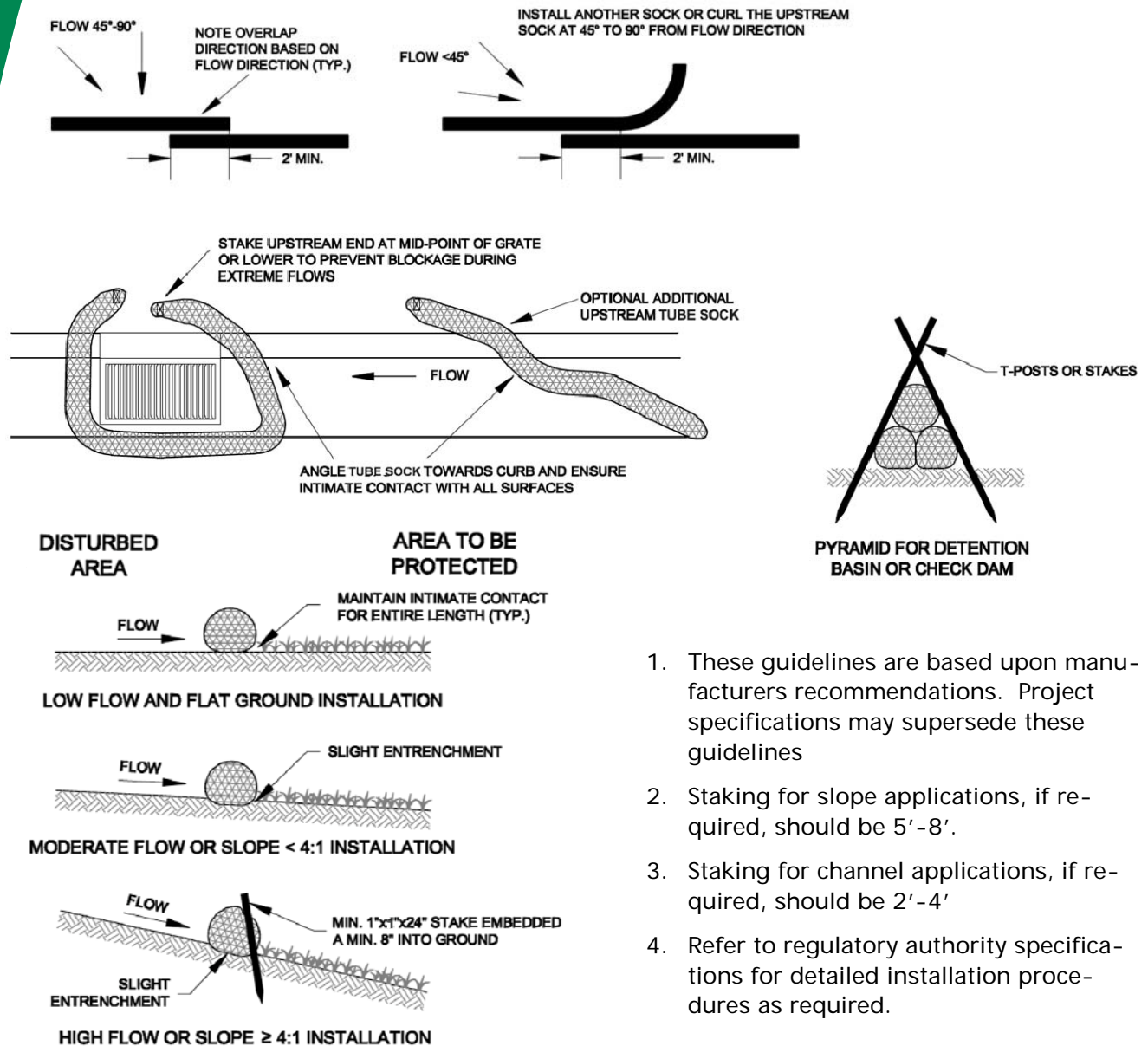
ERO-GUARD



ube Socks



Installation Guidelines



1. These guidelines are based upon manufacturers recommendations. Project specifications may supersede these guidelines
2. Staking for slope applications, if required, should be 5'-8'.
3. Staking for channel applications, if required, should be 2'-4'
4. Refer to regulatory authority specifications for detailed installation procedures as required.

Your Leader In Erosion Control Blankets

Martenson Turf Products, Inc.
800-833-2290