



CURLEX SEDIMENT LOGS® MATERIAL SPECIFICATIONS

Materials:

Great Lakes Aspen Excelsior
Durable Tubular Polyester Netting with Metal Clips or Knotted Ends

Log Sizes:

Diameter:	6.0 in (15.2 cm)	9.0 in (22.9 cm)	12.0 in (30.5 cm)	20.0 in (50.8 cm)
Length:	25.0 ft (7.6 m)	25.0 ft (7.6 m)	10.0 ft (3.1 m)	10.0 ft (3.1 m)
Weight:	12.0 lb (5.4 kg)	25.0 lb (11.3 kg)	20.0 lb (9.1 kg)	30.0 lb (13.6 kg)
Density:	2.44 lb/ft ³ (39.12 kg/m ³)	2.26 lb/ft ³ (36.23 kg/m ³)	2.54 lb/ft ³ (40.72 kg/m ³)	1.38 lb/ft ³ (22.13 kg/m ³)

Description:

Curlex Sediment Logs are designed to provide intimate contact with the soil, which prevents undermining and blowouts. Curlex Sediment Logs are porous. This property allows water to pass through the excelsior matrix, which slows velocity and filters sediment as it passes through the log diameter. Curlex Sediment Logs may be placed across channel bottoms or on hillslopes. Curlex Sediment Logs are available palletized or master packed to minimize material handling requirements. Custom diameters, lengths, and densities are optional based upon material availability and sample approval.

Note: Curlex Sediment Logs may be compressed when packaged, which reduces shipping costs for the end user. The shape of compressed Sediment Logs may not be perfectly symmetrical upon delivery to the jobsite; however, this does not alter the performance capability of Curlex Sediment Logs because unique Curlex fibers naturally expand upon wetting and return to the time of manufacture specified diameter and symmetrical tubular shape.

Physical Properties:

Fiber:	Great Lakes Aspen Excelsior with no weed seeds Curled, interlocking fibers with barbed edges
Fiber Size:	80% of fibers a minimum of 6" (15.2 cm) long 0.031" ± 0.008" wide x 0.021" ± 0.003" thick (0.79 mm ± 0.20 mm wide x 0.53 mm ± 0.08 mm thick)
Diameter:	± 10%
Length:	± 10%
Weight:	± 10%
Density:	± 10%
Net Material:	Polyester
Net Openings:	0.5" x 0.5" (12.7 mm x 12.7 mm) hexagonal shape 0.75" x 0.75" (19.1 mm x 19.1 mm) hexagonal shape 1.0" x 1.0" (25.4 mm x 25.4 mm) hexagonal shape
Net Configuration:	Totally encased

All measurements are based on product at time of manufacture.