



EROSION TECH NATURE LOGS

Description:

Erosion Tech Nature Logs are 100% Biodegradable Sediment Tubes. The Sediment Tubes are filled with a matrix of 100% Agricultural Wheat Straw. The Nature Log is encapsulated with a net that is HDPE in orientation but contains special Biodegradable agents that make the product 100% biodegradable under both aerobic and anaerobic conditions.

Name	Diameter (inches)	Length (Feet)	Weight (lbs)	Netting Type
WTL12	9	25	28	HDPE Oriented/100%Biodegradable Grid
WTL8	12	10	25	HDPE Oriented/100%Biodegradable Grid
WTL9	20	10	60	HDPE Oriented/100%Biodegradable Grid

Table 1 Netting Properties

Property	Standard	Units	Typical Values	Test Conditions
Dimensional				
Weight	MA-TS-002-95	Gram/Linear Foot	9.2	
Knot Pitch (Diamond Size)	n/a	inches/mm	.591 (15)	
Mechanical				
Tensile Strength @ Maximum Load	MA-TS-003-06	lbs/stand (grams/stand)	4.6	Specimen: 4 strands Speed: 100mm/min
Degradability				Controlled Conditions Speed: 12 in/min Specimen: 4inches Exposed for 500 Hours
Photodegradability	ASTM D 4355 via ASTM D 6818	%Tensile Strength Retained MD %Tensile Retained TD	104 104	
Biodegradability	ASTM D 5209-91 ASTM D 5338-98	Months	12-60 months	Equivalent to ISO 14855



For more information, contact:
105 Plant Camellia Road
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www.erosiontechusa.com



EROSION TECH WHEAT STRAW SEDIMENT LOGS



Description:

Erosion Tech Straw Sediment Logs are made with a wheat straw matrix using a Heavy-Duty Poly Propylene Grid Casing. They are designed to filter sediment out of water before entering storm drain inlets. They also serve as a functional method of slowing down the velocity of water runoff in channels and slopes.

Name	Diameter (inches)	Length (Feet)	Weight (lbs)	Netting Type
WTL3	9	16	20	Heavy Duty- Poly Propylene Grid
WTL12	9	25	28	Heavy Duty- Poly Propylene Grid
WTL8	12	10	25	Heavy Duty- Poly Propylene Grid
WTL11	12	20	50	Heavy Duty- Poly Propylene Grid
WTL9	20	10	60	Heavy Duty- Poly Propylene Grid
GEO-LOG				
WTL2	9	18	51	Woven Monofilament Geotextile
WTL7	9	8	25	Woven Monofilament Geotextile

Geolog Fabric Specifications	
Description	Results
Grab Tensile	ASTM-D-4632 300/200lbs
Flow Rate	ASTM-D-4491 35 gal/min/ft ²
UV Stability @500hours	ASTM-D-4355 90% @500HRS
AOS	ASTM-D-4751 40 sieve



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