



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 6618 | %Tensile Strength Retained MID %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
Juliette, GA 31046
478.994.6009



Institution Erosion Control Association



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 Casting. 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 |

www.erosiontechusa.com
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