



Specification Sheet

12-Inch STENLOG

(Straw Wattle)

The 12-inch (30.5 cm) Stenlog (Straw Wattle) is an elongated tube of compacted straw and/or other fibers wrapped in UV stabilized degradable tubular polypropylene plastic netting. The 12-inch (30.5 cm) Stenlog is used for temporary erosion and sediment control applications and are commonly installed along the contours or at the base of a slope to help reduce soil erosion and retain sediment. The Stenlog is designed to allow runoff/water to penetrate through the fiber while reducing sediment migration. Stenlogs function as slope interruption devices and therefore shorten slope lengths reducing runoff velocity and the potential for sheet erosion and rill formation. Stenlogs work in conjunction with surface roughening, straw mulching, bonded fiber matrix, hydroseeding and erosion control blankets to further reduce erosion and sediment migration.

- The Stenlog provides a cost effective alternative to other sediment trapping devices.
- The Stenlog can be easily installed and removed.
- The functional longevity is approximately 6-24 months, depending on moisture, light, and environmental conditions.

| Property | Test Method | Stenlog 12-inch | |
|-----------------------------|---------------|---------------------|----------------------|
| | | Metric | Imperial |
| Mass/Unit Length | Field Measure | 5.24 kg/m \pm 10% | 3.5 lbs/ft \pm 10% |
| Diameter | Field Measure | 26.7-30.5 cm | 10.5-12 in |
| Length | Field Measure | 5.5 m | 18 ft |
| Net Strand Thickness | Field Measure | 0.04 cm | 0.016 in |
| Netting Weight | Certified | 37.5 g/m | 1.21 oz/yd |
| Installed Free-Board Height | Field Measure | 20.3-22.9 cm | 8-9 in |
| Mesh Opening | Certified | 1.27 cm | 0.5 in |
| Stretch Width | Certified | 53.3 cm | 21 in |

More information available upon request.

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