



Material Properties and Dimensions



Description

Western Excelsior manufactures Excel Straw Logs in addition to a full line of Rolled Erosion Control Products (RECPs). Excel Straw logs consist of 100% clean, certified weed free straw fiber matrix confined by a synthetic net to form a log of specific length and diameter. Excel Straw Logs are designed to reduce hydraulic energy and filter sediment laden flow in channels and on slopes. The logs are flexible to conform to the soil surface and are secured by staking. Excel Straw Logs can be ordered in custom lengths to meet specific job conditions.

Specifications

Each Excel Straw Log is manufactured under Western Excelsior’s Quality Assurance Program to ensure a continuous distribution of fibers and consistent dimensions. Log dimensions are provided in Table 1 and product characteristics are provided in Table 2. Installation instructions and performance data are available from Western Excelsior’s Technical Support Division.

Log Property	Value	Units
Length	10	ft
Diameter	9, 12, 20 and 24	in
Weight*	14 lbs (9 in) 25 lbs (12 in) 35 lbs (20 in) 36 lbs (24 in)	lbs
Density*	3.2 lbs/ft ³ (9 in) 3.3 lbs/ft ³ (12 in) 1.7 lbs/ft ³ (20 in) 1.1 lbs/ft ³ (24 in)	lbs/ft ³
* Measured at the time of manufacture.		

Fiber Composition	100% Clean, Certified Weed Free Straw
Netting	0.50" x 0.50" Heavy Duty Synthetic
Configuration	Cylindrical with Closed Ends
End Closure	Hog Ring or Tied