

Erosion Control Straw Wattles

Data Sheet

Concept: Straw Wattles are used for erosion control by reducing slope length and reducing sediment runoff. They are manufactured using certified weed seed free straw and biodegradable netting. The life of the product can vary depending on environmental factors, installation and climatic conditions but will be functional an average of 1-3 years.

Specifications: Standard wattle is 25 feet long and 9 inches in diameter. Diameters of 12 and 16 inches are also available. Our certified weed seed free straw is encased in biodegradable netting, constructed of High Density Polyethylene (HDPE) with an added biodegradable agent and UV stabilizer.

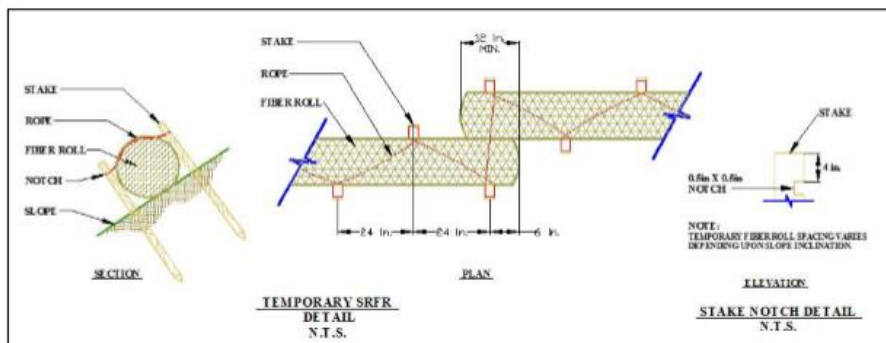


After inspection, wattles are stacked 7 high, secured with twine and delivered on pallets. Weight and density vary by size with available lengths of 10', 15', 25' or any custom length. The density ranges from 1.8 lbs/ft³ for a 9" diameter wattle, 2.5 lbs/ft³ for 12" diameter, and 3.5 lbs/ft³ for a 20" diameter.

Installation: Wattles are installed by digging an anchor trench 1-3 inches deep, placing the wattle in the trench, and finally using wood stakes, staking the wattle into place. They are also used around drainage systems for sediment control.



Wattles are installed in ditches, slopes, shorelines, channels, and other areas where erosion and sediment control are needed. A minimum of 5 stakes are used to secure each wattle. The recommended spacing depends on the slope of the land.



Wattle and stake installation detail.

(Courtesy Erosion Control Technology Council)

Montana Wattles is proud to be the only manufacturer of Straw Wattles on Montana's Hi-Line. We ship to most areas in the US, with concentration in Montana, Idaho, Washington, North Dakota, South Dakota and Wyoming.

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