

# MATERIAL SPECIFICATION

## **802. Wood Fiber Blankets**

### **1. Scope**

This specification covers the quality of wood fiber blankets and staples.

### **2. Wood Fiber Erosion Control Blankets**

The blanket shall consist of a machine produced mat of curled wood fibers and shall be furnished in rolls and meet the following minimum requirements:

- a. Weight – 0.63 lbs. per yd<sup>2</sup>,  $\pm 10\%$ .
- b. Fiber Length – 80% shall be 6 inches or longer.
- c. Fiber Dimension – 0.021 inch x 0.042 inch,  $\pm 25\%$ .
- d. The top and bottom of each blanket may be covered with a  $\frac{5}{8}$ " by  $\frac{5}{8}$ " of an inch opening size of biodegradable or non-biodegradable netting.
- e. Blankets shall be smolder resistant and shall meet the test of no-flame or smolder for more than a distance of 12 inches from a spot where a lighted cigarette is placed on the blanket's surface.
- f. All material shall be new and unused.

### **3. Staples**

Staple length shall be chosen based on soil type and conditions. "U" shaped wire staples of 0.12 inch in diameter (No. 11 wire gage) or greater, with a minimum leg length of 6 inches and minimum crown of 1 inch shall be used. In sandy soils the minimum leg length of staples shall be 9 inches. Circle-top staples are also acceptable. They shall meet the material specifications previously stated.