



SD-3 Excelsior Double Net Blanket - 18 Month Technical Data Sheet

Roll Size - 4' x 100' or 8' x 50' (44 sq/yds)

The SD-3 extended-term erosion control blanket is composed of a 100% High Altitude Rocky Mountain Aspen Excelsior matrix mechanically (stitch) bound on two inch centers between two long-term photodegradable, synthetic heavy-duty nets with a mesh size of .75" x .75" (nominal). The excelsior matrix consists of curled machine produced fibers with greater than 80% longer than 6-inches. The SD-3 blanket is recommended for use in channels or slopes requiring erosion protection for a period of up to 18 months. Actual field longevity is dependent on soil and climatic conditions.

Each roll of Excel SD-3 is manufactured under Western Excelsior's Quality Assurance Program to ensure a continuous distribution of fibers and consistent thickness. The blanket size will be 4ft x 100ft or 8ft x 50ft (44 sq yd). The blanket shall weigh 55 pounds. Verifiable values are provided below and represent expected values at the time of manufacture.

Product Test Data		
Physical Property	Test Method	Result
Fiber		100% Excelsior Fiber
Netting (top and bottom sides)		heavy-duty synthetic, photodegradable
Thread		degradable
Thickness	ASTM D-1777	14 mm
Mass per Unit Area	ASTM D-6566	18.0 oz/sq yd
Water Absorption	ASTM D-1117	300%
Light Penetration	ECTC TASC 00197	25% open
MD Tensile	ASTM D-6818	18.7 lbs/in
MD Elongation	ASTM D-6818	30%
TD Tensile	ASTM D-6818	12.7 lbs/in
TD Elongation	ASTM D-6818	25%

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