



## Material Properties and Dimensions



## Description

Western Excelsior manufactures a full line of Rolled Erosion Control Products (RECPs). Excel 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. The excelsior matrix consists of curled, machine produced fibers with greater than eighty percent longer than six inches. Excel SD-3 blanket is intended for use in channels or slopes requiring erosion protection for a period up to thirty months. Actual field longevity is dependent on soil and climatic conditions.

## Specifications

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. Verified values are provided in Table 1 and product characteristics are provided in Tables 2 and 3. Values provided in Tables 1, 2 and 3 represent expected values at the time of manufacture. Installation instructions and performance data are available from Western Excelsior's Technical Support Division.

Tested Property	Test Method	Value	Units
Tensile Strength	ASTM D6818	18.4 (MD), 12.7 (TD)	lb/in
Elongation	ASTM D6818	25 (MD), 25 (TD)	%
Mass per Unit Area	ASTM D6475	18.0	oz/yd <sup>2</sup>
Thickness	ASTM D6525	14.0	mm
Light Penetration	ASTM D6567	15	% open
Water Absorption	ASTM D1117	300	%

Top Net	Synthetic UV Stabilized Photo-degradable
Bottom Net	Synthetic UV Stabilized Photo-degradable
Top Net Opening	0.75 in x 0.75 in (Nominal)
Bottom Net Opening	0.75 in x 0.75 in (Nominal)

Style	Narrow	Wide
Roll Width	4 ft	8 ft
Roll Length	100 ft	50 ft
Coverage	44 yd <sup>2</sup>	44 yd <sup>2</sup>
Roll Weight	60 lbs	60 lbs

Document # WE\_EXCEL\_SD3\_SPEC. This document has been developed to provide the characteristic properties of the product described. For questions, to request performance data or installation recommendations, contact Western Excelsior at 800-967-4009 or wexcotech@westernexcelsior.com. Updated 02/10.