



# Material Properties and Dimensions

## Excel SR-1 Rapid Go™



### Specifications

Western Excelsior manufactures a full line of Rolled Erosion Control Products (RECPs). Excel SR-1 Rapid Go temporary Erosion Control Blanket (ECB) is composed entirely of a straw matrix mechanically (stitch) bonded on two inch centers to a single photodegradable, synthetic net. The netting of Excel SR-1 Rapid Go ECB is treated to accelerate the degradation process. The straw matrix consists of weed free agricultural straw. Recommended for use in channels or slopes requiring erosion protection for a period forty-five to ninety days. Actual field longevity is dependent on soil and climatic conditions.

Each roll of EXCEL SR-1 Rapid Go is made in the USA and manufactured under Western Excelsior’s Quality Assurance Program to ensure a continuous distribution of fibers and consistent thickness. Typical manufactured properities are provided in Table 1 and product characteristics are provided in Table 2.

Table 1- Specified Expected Values

Tested Property	Test Method	Value
Tensile Strength (MD) x (TD)	ASTM D6818	4.8 lb/in (0.8 kN/m) x 4.8 lb/in (0.8 kN/m)
Elongation (MD) x (TD)	ASTM D6818	15 % x 20 %
Mass Per Unit Area	ASTM D6475	8.0 oz/yd <sup>2</sup> (271 g/m <sup>2</sup> )
Thickness	ASTM D6525	0.28 in (7 mm)
Light Penetration	ASTM D6567	22 % open
Water Absorption	ASTM D1117	450 %

Table 2 - Netting

Top Net Type	Synthetic, Rapid Photodegradable
Bottom Net Type	No Net
Top Net Opening Dimensions	0.5 in (13 mm) x 0.5 in (13 mm)
Bottom Net Opening Dimensions	N/A

Excel SR-1 Rapid Go is available in multiple roll sizes ranging in width from 8.0 ft to 16.0 ft. and 112.5 ft to 600 ft in length. Standard roll sizes are 100 square yards, measuring 8.0 ft wide by 112.5 ft long. Custom roll sizes are available upon request.

The information contained herein may represent product index data, performance ratings, bench scale testing or other material utility quantifications. Each representation may have unique utility and limitations. Every effort has been made to ensure accuracy, however, no warranty is claimed and no liability shall be assumed by Western Excelsior Corporation (WEC) or its affiliates regarding the completeness, accuracy or fitness of these values for any particular application or interpretation. While testing methods are provided for reference, values shown may be derived from interpolation or adjustment to be representative of intended use. For further information, please feel free to contact WEC.



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#### Ditch Checks

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- GeoRidge

#### Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

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- Polymer-Based & Natural Flocculants

#### Sediment Basin Skimmers

#### Dewatering Bags

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### EROSION CONTROL

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- Blends
- Straw

#### High-Performance Hydraulically Applied Products

- BFM
- FGM
- Additives & Tackifiers

#### Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

#### Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

#### Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

#### Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

### STORMWATER MANAGEMENT

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- Strip Drain

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- Permeable Articulating Concrete Block
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