



R-1 Excelsior Single Net Blanket - 12 Month Technical Data Sheet

Roll Size - 4' x 180' or 8' x 90' (80 sq/yds)

The R-1 is composed of a 100% High Altitude Rocky Mountain Aspen Excelsior matrix mechanically (stitch) bonded on two inch centers to a single photodegradable, synthetic net with a mesh size of 1.0" x .75" (nominal). The excelsior matrix consists of curled machine produced fibers with greater than 80% longer than 6-inches. The R-1 blanket is available in natural or dyed green and is recommended for use in channels or slopes requiring erosion protection for a period of up to 12 months. Actual field longevity is dependent on soil and climatic conditions.

Each roll of Excel R-1 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 180ft or 8ft x 90ft (80 sq yd). The blanket shall weigh 65 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 (natural or dyed green)
Netting (top only)		synthetic, photodegradable
Thread		degradable
Thickness	ASTM D-1777	10 mm
Mass per Unit Area	ASTM D-6566	11.5 oz/sq yd
Water Absorption	ASTM D-1117	375.0%
Light Penetration	ECTC TASC 00197	50% open
MD Tensile	ASTM D-6818	5.0 lbs/in
MD Elongation	ASTM D-6818	20.0%
TD Tensile	ASTM D-6818	4.0 lbs/in
TD Elongation	ASTM D-6818	25%

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