

AT CLASS 1A ENHANCED WOVEN GEOTEXTILE

Enhanced woven (EW) Series geotextiles extend the expected life of your roads by preventing the mixing of fill and subsoil and reducing the amount of fill required. Specially designed for base course reinforcement and subgrade stabilization in roadways and similar applications, these high-strength geotextiles are woven from high-tenacity polypropylene materials.

EW Series geotextiles are designed to provide separation, filtration, and reinforcement for a variety of soil stabilization conditions.

They have been specifically designed to exactly meet the Alberta Transportation Standard 5.31.4.2 Subgrade stabilization geotextile requirements.

July 2026 AT Class 1A Enhanced Woven Geotextile		
Material Properties	Properties	ASTM
	Wide Width Tensile	D4595
	Sewn Seam Tensile	D4884
	Permittivity ²	D4991
	AOS (Maximum Value) ^{2,3}	D4751
	UV Resistance ⁴	D4355
	Roll Size ⁴	-
		70 kN/m
		42 kN
		0.2 sec ⁻¹
		0.43 mm
		70%
		5.2m x 80.8m

Notes:

1. Unless indicated otherwise, values shown are Minimum Average Roll Values calculated as the average minus two standard deviations. Statistically, it yields approximately 97.5% degree of confidence that any samples taken from quality assurance testing will meet or exceed the values described above.
2. At time of manufacturing. Handling and storage may change these properties.
3. AOS (apparent opening size) is published as a Maximum roll value.
4. Percentage of Ultimate after 500 hours of exposure.

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