



ACETex[®] SL-Series woven geotextiles

for Separation & Stabilization

ACETex[®] SL-Series are woven geotextiles fabricated from high tenacity and UV stabilized polypropylene yarns with a stable structure, which offers high tensile strengths, high durability, and excellent resistances to puncture, pullout, deformation, and installation damages. With adequate strength and pore size, this series of geotextiles possesses integrated functions, including separation, filtration, reinforcement, and containment. Moreover, polypropylene woven geotextiles have been widely used as separation and stabilization geotextiles in road construction and maintenance projects for a long time. Compared with heavy weight non-woven geotextiles, the woven geotextiles have advantages of high strength and economic benefits. To conform to a variety of design requirements and standards, such as AASHTO (American Association of State Highway & Transportation Officials) M288, ACETex[®] SL-Series geotextiles are highly recommended, and relatively efficient and cost-effective.

Functions

Filtration

- Allow for adequate liquid flow
- Limited soil loss across the plane of geotextile
- Long-term soil-to-geotextile flow compatibility

Separation

- Remain integrity and function of dis-similar materials

Reinforcement

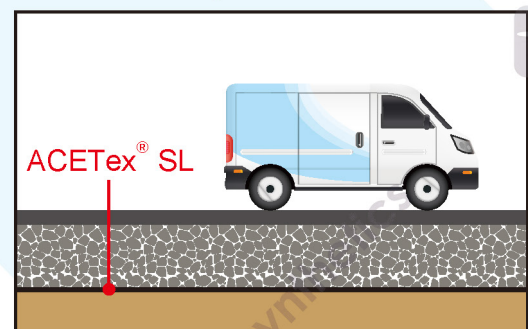
- Membrane action
- Lateral restraint

AASHTO M288-17 Selection Guide

	Class 1 Woven	Class 2 Woven	Class 3 Woven
Separation	✓	✓	✓
Stabilization	✓	✓	✓

Applications

Roadway and Pavement



- Unsaturated subgrade separator
- Saturated subgrade reinforcement
- Asphalt overlay