

Evaluation Table

PEP ID:	XXXXXX
Manufacturer:	Name of Manufacturer
Product Name:	Name of Product

800 Landscape Architectural Materials

810 Storm Water Quality Protection & Erosion/Sediment Control: Filters and Filter Material for Inlet Grates - Gravel Bags, Storm Drain Inlets, Curb Inlets, Drop Inlets, Weep Holes, Dewatering Bags, and Fabric Bags.

Non-Woven Separation Geotextile Fabric

ADOT Standard Specification: 810 / 1014-1 / 1014-4

ADOT Stored Specification: 1014GEOSYN

See ADOT Erosion and Pollution Control Manual

Responsible Section: Roadway Group

Material Property	Specification / Test Method	Survivability*	Requirement	Results	Pass / Fail
NTPEP Datamine	1014-1 1014GEOSYN	N/A	Geosynthetic materials, excluding biaxial geogrid, must be on the DataMine list for geotextiles and geosynthetics on the AASHTO Product Evaluation & Audit Solutions (formerly NTPEP) website.		
Composition	1014-1 1014GEOSYN	N/A	Fibers, yarns, and filaments used in the manufacture of geotextile fabric, and the threads used in joining by sewing, shall consist of long-chain synthetic polymers, composed at least 95 percent, by weight, of polyolefins or polyesters.		

Last Modified: 7/24/2024

Permittivity, min, sec ⁻¹	1014-4 ASTM D4491	N/A	0.5		
Apparent Opening Size / US Standard sieve size	1014-4 ASTM D4751	N/A	70		
Grab Strength: lbs., min	1014-4 ASTM D4632	Low	112		
		Moderate	157		
		High	202		
Tear Strength: lbs., min	1014-4 ASTM D4533	Low	40		
		Moderate	56		
		High	79		
Puncture Strength: lbs., min	1014-4 ASTM D6241	Low	223		
		Moderate	309		
		High	433		
Ultraviolet Stability (retained strength)	1014-4 ASTM D4355	N/A	>50% after 500 hours exposure		

Elongation >50% as measured in accordance with ASTM D4632

*Include the Survivability Rating in APL Notes