

## Evaluation Table

<b>PEP ID:</b>	<b>XXXXXX</b>
<b>Manufacturer:</b>	<b>Name of Manufacturer</b>
<b>Product Name:</b>	<b>Name of Product</b>

1014 Soil Reinforcement and Geosynthetics

1014 High Survivability Separation Geotextile Fabric (Non-Woven Only)

ADOT Standard Specification: 1014-1, 1014-4.03

ADOT Stored Specification: 1014GEOSYN

Responsible Section: Materials Group

<b>Material Property</b>	<b>Specification / Test Method</b>	<b>Requirement</b>	<b>Results</b>	<b>Pass / Fail</b>
NTPEP Datamine	1014-1 1014GEOSYN	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	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.		
Packaging	1014-1	Geosynthetic materials shall be furnished in protective covers capable of protecting the materials from harmful environmental conditions such as ultraviolet rays, abrasion, extreme heat, and water.		
General	1014-1	Geotextile fabric shall be resistant to chemical attack, rot, and mildew, and shall have no tears or defects which will adversely alter its physical properties.		

Last Modified: 7/18/2024

<b>Material Property</b>	<b>Specification / Test Method</b>	<b>Requirement</b>	<b>Results</b>	<b>Pass / Fail</b>
Permittivity, sec <sup>-1</sup> MARV min	1014-4 ASTM D4491	0.5		
Apparent Opening Size / US Standard sieve size, MARV max	1014-4 ASTM D4751	70		
Elongation, % MARV min	1014-4.03 ASTM D4632	>50%		
Grab Strength: lbs., MARV min	1014-4.03 ASTM D4632	202		
Tear Strength: lbs., MARV min	1014-4.03 ASTM D4533	79		
Puncture Strength: lbs., MARV min	1014-4.03 ASTM D6241	433		
Ultraviolet Stability (retained strength) MARV min	1014-4.03 ASTM D4355	>50% after 500 hours exposure		