

GEOTEXTILE SPECIFICATION MATCH

AASHTO DESIGNATION M288-05: Standard Specification for Geotextile Specifications for Highway Applications

USDA NRCS CONSTRUCTION SPECIFICATIONS: MI165.Geotextiles [June 2004]

USDA NRCS NATIONAL ENGINEERING HANDBOOK: Part 642 [210-VI-NEH, May 2001], Material Specification 592-Geotextile

AASHTO Designation M288-05

Application Category	Strength Class	% Passing 75 µm Sieve	Woven	Nonwoven
Subsurface Drainage	1	<15	TerraTex EP-404	TerraTex N08
		15 to 50	---	
		>50	---	
	2	<15	TerraTex EP-404	TerraTex N06
		15 to 50	TerraTex EP	
		>50	TerraTex EP	
	3	<15	TerraTex EP	TerraTex N04.5
		15 to 50	TerraTex EP	
		>50	TerraTex EP	
Separation and Stabilization	1	---	TerraTex HD	TerraTex N08
	2	---	TerraTex HD	TerraTex N06
	3	---	TerraTex GS	TerraTex N04.5
Erosion Control	1	<15	TerraTex EP-404	TerraTex N08
		15 to 50	---	
		>50	---	
	2	<15	TerraTex EP-404	TerraTex N06
		15 to 50	TerraTex EP	
		>50	TerraTex EP	
	3	<15	TerraTex EP	TerraTex N04.5
		15 to 50	TerraTex EP	
		>50	TerraTex EP	
Silt Fence	Supported	---	TerraTex SF-90	TerraTex SD
	Unsupported	---	TerraTex SF-D (SC for MI)	TerraTex N05
Paving Fabric	---	---	---	OL-1

USDA NRCS MI165

Class	Woven	Nonwoven
I	TerraTex EP	TerraTex N08
II	TerraTex EP	TerraTex SD
III	---	TerraTex SD
IV	TerraTex GS-270 ¹	TerraTex N06

¹ TerraTex GS-270 meets all mechanical & hydraulic index values designated in this specification. However, GS270 is produced from slit tape yarns rather than the required monofilament yarns.

USDA NRCS NEH

Class	Woven	Nonwoven
I	TerraTex EP	TerraTex N07
II	TerraTex EP	TerraTex N04.5
III	TerraTex EP	TerraTex N04
IV	TerraTex EP-404	TerraTex N04.5



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MICHIGAN DEPT. OF TRANSPORTATION: MDOT 2003 Standard Specifications for Construction Section 910.Geotextiles

MDOT

Category	Woven	Nonwoven
Geotextile Blanket	---	TerraTex SD
Geotextile Liner	---	TerraTex N08
Geotextile Liner Heavy	---	TerraTex N11
Geotextile Separator	TerraTex MI DOT Separator	TerraTex N08
Stabilization Geotextile	TerraTex MI DOT Separator	TerraTex N11
Silt Fence	TerraTex SC	---
Geosynthetic Reinforcement for Embankments Over Weak Foundation Soils	*	---

* Special Provisions require a review for acceptance on each project.

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