

Geotextile Specification Match

AASHTO DESIGNATION M288-05: Standard Specification for Geotextile Specifications for Highway Applications
 MICHIGAN DEPT. OF TRANSPORTATION: MDOT 2003 Standard Specifications for Construction Section 910. Geotextiles
 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	2	<15	---	Skaps GT160
		15 to 50	Skaps M706	
		>50	Skaps M706	
	3	<15	Skaps M404	Skaps GT142
		15 to 50	Skaps M404	
		>50	Skaps M404	
Separation	1	---	Skaps W315	Skaps GT180
	2	---	Skaps W250	Skaps GT160
	3	---	Skaps W200	Skaps GT142
Stabilization	1	---	Skaps W315	Skaps GT180
	2	---	Skaps W250	Skaps GT160
	3	---	Skaps W200	Skaps GT142
Erosion Control	1	<15	---	Skaps GT180
		15 to 50	---	
		>50	---	
	2	<15	---	---
		15 to 50	Skaps M706	---
		>50	Skaps M706	---
Silt Fence	Supported	---	Skaps W100	---
	Unsupported	---	Skaps W100	Skaps GT150
Paving Fabric	---	---	---	Skaps GC140

USDA NRCS MI165

Class	Woven	Nonwoven
I	Skaps M706	Skaps GT180
II	Skaps M706	Skaps GT140
III	---	Skaps GT140
IV	Skaps M404 Skaps W270 ¹	Skaps GT160

¹ Skaps W270 meets all mechanical & hydraulic index values designated in this specification. However, W270 is produced from slit tape yarns rather than the required monofilament yarns.

USDA NRCS NEH

Class	Woven	Nonwoven
I	Skaps M404	Skaps GT170
II	---	Skaps GT142
III	---	Skaps GT135
IV	---	Skaps GT142

MDOT

Category	Woven	Nonwoven
Geotextile Blanket	---	Skaps GT140
Geotextile Liner	---	Skaps GT180
Geotextile Liner Heavy	---	Skaps GE110
Geotextile Separator	Skaps W270	Skaps GT180
Stabilization Geotextile	Skaps W270	Skaps GE110
Silt Fence	Skaps W100 Propex 2130	---

