



**FHWA Selection Guide FP-14 Section 714  
Geosynthetic Material**

<b>Table 714-1 Separation and Stabilization Geotextile and Geotextile Filter Requirements<sup>1</sup></b>		
<b>SPECIFICATIONS</b>	<b>WOVEN</b>	<b>NONWOVEN</b>
<b>Class 1</b>		
Type A	FW404 or RS280i	180N
Type B	FW404 or RS280i	180N
Type C		180N
Type D	FW404 or RS280i	180N
Type E		180N

<b>Class 2</b>		
Type A	FW404	160N
Type B	FW404	160N
Type C		160N
Type D	FW404	160N
Type E		160N

<sup>1</sup> Do not use woven slit film geotextile

<b>Table 714-2 Paving Geotextile Requirements</b>	
<b>SPECIFICATIONS</b>	<b>Paving</b>
	MPV600

<b>Table 714-3 Geocomposite Drain Requirements</b>	
<b>SPECIFICATIONS</b>	<b>Sheet Drain</b>
Type 1	G200NC

<b>Table 714-4 Stabilization Geogrid Requirements</b>	
<b>SPECIFICATIONS</b>	<b>BIAXIAL GEOGRID</b>
Stabilization	BXG120

<b>Table 714-5 and 714-6 Reinforcement Geotextile &amp; Geogrid Polymer Requirements<sup>1</sup></b>						
<b>SPECIFICATIONS</b>	<b>Type I</b>	<b>Type II</b>	<b>Type III</b>	<b>Type IV</b>	<b>Type V</b>	<b>Type VI</b>
	2XT <sup>2</sup>	3XT	5XT	5XT	7XT	8XT

<sup>1</sup>Based on  $RF_{cr}$  of 1.45 (NTPEP),  $RF_{id}$  of 1.1 (min) and  $RF_d$  of 1.15 (pH between 5-8). These are based on meeting the min. nominal Long Term [Design] Strength ( $T_{dl}$ ) outlined in Table 714-6. The  $T_{dl}$  is the value typically used in design of reinforced structures. Sometimes an ultimate strength is incorrectly specified instead of or in addition to the  $T_{dl}$ . If the ultimate strength in Table 714-6 is also required as part of the specification then the products for Type IV, V and VI are Miragrid® 7XT, 8XT, and 10XT respectively. <sup>2</sup> Does not meet Mass per Unit Area requirement as stated in Table 714-5.