

American Association of State Highway and Transportation Officials National Transportation Product Evaluation Program Geotextile Program

Manufacturer: **US Fabrics**

Contact Info: Mr. Dab Bonn  
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**Note: MARV's based on submission information**

Drop Date	Style	Structure	NTPEP No. GTX-	Statistic	Grab				Trapezoidal Tear		Puncture Index	50 mm Puncture	Permittivity	Opening Size	Mass/Area	UV Stability	
					ASTM D4632				ASTM D4533		ASTM D4833	ASTM D6241	ASTM D4491	ASTM D4751	ASTM D5261	ASTM D4355	
					MD		XD		Strength (lbs)		Strength (lbs)	Strength (lbs)	1/sec.	mm	oz/yd <sup>2</sup>	Strength Retained after 500 hrs (%)	
					Strength (lbs)	Strain (%)	Strength (lbs)	Strain (%)	MD	XD						MD	XD
Oct-10	US 200	SF-W	06-04-58	Mean	221	25	267	19	116	125	NA	850	0.26	0.34	5.3		
				COV (%)													
				MARV													
Oct-10	US 315	SF-W	06-04-59	Mean	346	27	324	21	129	151	NA	1122	0.28	0.43	6.5		
				COV (%)													
				MARV													
Nov-09	US 80 NW	NP-NW	06-04-60	Mean	82	58	81	90	39	48	NA	256	2.67	0.26	3.4		
				COV (%)													
				MARV													
Nov-09	US 90 NW	NP-NW	06-04-61	Mean	99	67	109	97	47	62	NA	287	2.5	0.22	4.1		
				COV (%)													
				MARV													
Nov-09	US 115	NP-NW	06-04-62	Mean	127	57	129	89	110	59	NA	379	1.95	0.16	3.6		
				COV (%)													
				MARV													
Nov-09	US 120	NP-NW	06-04-63	Mean	152	65	138	94	62	70	NA	330	1.67	0.15	4.8		
				COV (%)													
				MARV													
Nov-09	US 160	NP-NW	06-04-64	Mean	190	71	219	86	79	92	NA	587	1.68	0.15	6.6		
				COV (%)													
				MARV													
Nov-09	US 170	NP-NW	06-04-65	Mean	227	80	212	87	96	124	NA	648	1.78	0.14	8.1		
				COV (%)													
				MARV													
Nov-09	US 205	NP-NW	06-04-66	Mean	251	74	316	71	133	156	NA	804	1.67	0.15	9.8		
				COV (%)													
				MARV													
Jul-11	US 230	MF-W	07-04-28	Mean	400	24	358	24	257	435	NA	1114	0.98	0.42	8.3		
				COV (%)	10.3%		7.3%		8.6%	12.4%		8.3%	3.1%	0.0%	0.6%		
				MARV													
Sep-11	US 100	SF-W	08-01-35	Mean	243	24	313	33	144	91	NA	718	2.79	0.76	5.8		
				COV (%)	6.6%		5.1%		9.7%	6.6%		15.5%	6.1%	10.5%	1.4%		
				MARV													
Sep-11	US 250	SF-W	08-01-36	Mean	318	26	288	22	132	113	NA	1025	0.17	0.26	5.8		
				COV (%)	2.8%		3.1%		6.8%	5.3%		4.8%	5.9%	15.4%	0.5%		
				MARV													

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					MD		XD		Strength (lbs)		MD	XD	Strength (lbs)	Strength (lbs)	1/sec.	mm	oz/yd <sup>2</sup>	Strength Retained after 500 hrs (%)	
					Strength (lbs)	Strain (%)	Strength (lbs)	Strain (%)	MD	XD								MD	XD
Sep-11	US 670	MF-W	08-04-12	Mean	419	25	257	25	155	106	NA	996	0.53	0.25	6.2				
				COV (%)	2.1%		6.6%		6.5%	7.5%		8.2%	5.7%	12.0%	0.5%				
				MARV															