



Woven Polypropylene

			Silt Fence			Woven Slit Film						
Properties MARV ²	ASTM TEST	UNIT	GTF 160SF	GTF 170SF	GTF 180SF/190SF	GTF 100	GTF 150	GTF 200S	GTF 200	GTF 250	GTF 270	GTF 300
MECHANICAL PROPERTIES												
Grab Tensile Strength	D4632	lbs (N)	80 (356)	90 (400)	123/101 (550/450)	150/100 (668/445)	150 (668)	180 (801)	200 (890)	250 (1110)	270 (1201)	315 (1401)
Elongation	D4632	%	15	15	15	20/15	20/15	15	15	15	20/15	15
Trapezoid Tear	D4533	lbs (N)	25 (111)	30 (133)	50 (222)	40 (178)	60 (267)	70 (312)	75 (334)	90 (400)	100 (445)	115 (512)
Puncture	D4833	lbs (N)	N/A	N/A	60 (267)	60 (267)	70 (312)	80 (356)	100 (445)	100 (445)	120 (534)	150 (667)
CBR Puncture	D6241	lbs (N)	N/A	N/A	250 (1112)	350 (1558)	475 (2114)	550 (2448)	700 (3115)	900 (4005)	925 (4116)	1000 (4450)
Mullen Burst	D3786	psi (kPa)	N/A	N/A	280 (1930)	N/A	N/A	305 (2103)	400 (2757)	500 (3447)	600 (4137)	630 (4343)
ENDURANCE PROPERTIES												
UV Stability	D4355	% @ 500 hrs	80	80	80	80	80	80	80	80	80	80
HYDRAULIC PROPERTIES												
Permittivity	D4491	sec ⁻¹	0.050	0.050	0.050	0.080	0.100	0.080	0.080	0.050	0.050	0.050
Water Flow Rate	D4491	gpm/ft ² (l/min/m ²)	N/A	N/A	10 (407)	5.6 (228)	7.4 (302)	6.0 (244)	6.0 (244)	4.0 (163)	4.0 (163)	4.0 (163)
Permeability	D4491	(cm/sec)	0.010 ^T	0.010 ^T	0.010 ^T	0.010 ^T	0.010 ^T	0.010 ^T	0.010 ^T	0.005 ^T	0.005 ^T	0.005 ^T
Apparent Opening Size (AOS ³)	D4751	US Sieve Number (mm)	30 (0.600)	30 (0.600)	30 (0.600)	30 (0.600)	30 (0.600)	40 (0.425)	40 (0.425)	40 (0.425)	40 (0.425)	50 (0.300)
PHYSICAL PROPERTIES⁶												
Weight	D5261	oz/yd ² (g/m ²)	1.8 ^T (60 ^T)	2.2 ^T (75 ^T)	3.2 ^T (109 ^T)	2.4 ^T (82 ^T)	3.3 ^T (113 ^T)	4.5 ^T (152 ^T)	5.0 ^T (170 ^T)	5.5 ^T (187 ^T)	5.9 ^T (200 ^T)	6.8 ^T (231 ^T)
Thickness	D5199	mils (mm)	N/A	N/A	16 ^T (0.406 ^T)	N/A	N/A	18 ^T (0.457 ^T)	20 ^T (0.508 ^T)	21 ^T (0.533 ^T)	26 ^T (0.660 ^T)	28 ^T (0.711 ^T)
PACKAGING^{4,5}			GTF 160SF	GTF 170SF	GTF 180SF/190SF	GTF 100	GTF 150	GTF 200S	GTF 200	GTF 250	GTF 270	GTF 300
Roll Width		ft (m)	3 (0.914)	3 (0.914)	3 (0.914)	12.5/15/17.5 (3.81/4.57/5.33)	12.5/15/17.5 (3.81/4.57/5.33)	12.5/15/17.5 (3.81/4.57/5.33)	12.5/15/17.5 (3.81/4.57/5.33)	12.5/15/17.5 (3.81/4.57/5.33)	12.5/15/17.5 (3.81/4.57/5.33)	12.5/15/17.5 (3.81/4.57/5.33)
Roll Area		yd ² (m ²)	1000 (836)	1000 (836)	1000 (836)	600/800 (501/669)	600/800 (501/669)	600/800 (501/669)	600/800 (501/669)	600 (501)	600 (501)	600 (501)
Roll Weight		lbs (kg)	117 (53)	141 (64)	204 (92.6)	101/135 (46/61)	139/185 (63/84)	190/253 (86/115)	205/273 (93/139)	230 (104)	247 (112)	270 (123)

1 - Contact your Thrace-LINQ distributor or representative for technical assistance and for products meeting AASHTO M288 specifications. Additional information can also be found at www.thracelinq.com. Methods and values may change without notice.
 2 - Minimum Average Roll Value. All values are MARV unless otherwise noted.
 3 - AOS values are reported as Maximum Average Roll Value.
 4 - Other products and roll sizes may be available.
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 6 - Physical properties reflect industry standards. Roll Data may reflect higher values than those listed above.
 T - Typical roll properties.

Authorized Distributor:

Woven Polypropylene

			Medium Strength								Monofilament		
Properties MARV ²	ASTM TEST	UNIT	GTF 350	GTF 400	GTF 500	GTF 700	GTF 370	GTF 375N	GTF 565	GTF 570	GTF 400EO	GTF 400E	GTF 404
MECHANICAL PROPERTIES													
Grab Tensile Strength	D4632	lbs (N)	350 (1557)	400 (1780)	600/550 (2670/2450)	700 (3120)	400/250 (1780/1113)	425/350 (1891/1558)	550 (2448)	475/440 (2114/1958)	365/200 (1624/890)	370/250 (1647/1113)	400/315 (1780/1402)
Wide Width Tensile	D4595	lbs/in (kN/m)	250 (44)	333 (58)	400 (70)	517 (91)	270/225 (47.3/39.4)	270/225 (47.3/39.4)	350/400 (61.3/70.1)	400/400 (70.1/70.1)	200/140 (35/24)	225/145 (40/26)	250/230 (43.8/40.3)
Elongation	D4632	%	20/15	20/15	20/15	20/15	15/6	21/21	15/6	12/6	24/10	16/15	15/15
Trapezoid Tear	D4533	lbs (N)	120 (534)	150 (668)	230/200 (1024/890)	300/250 (1335/1112)	180/110 (757/490)	145/125 (645/556)	150/200 (668/890)	180/180 (801/801)	115/75 (512/334)	100/60 (445/267)	150/165 (668/704)
Puncture	D4833	lbs (N)	150 (668)	180 (801)	230 (1024)	300 (1335)	180 (801)	150 (668)	200 (890)	195 (868)	90 (401)	120 (534)	150 (668)
CBR Puncture	D6241	lbs (N)	1000 (4450)	1200 (5340)	1400 (6230)	1700 (7565)	N/A	N/A	N/A	N/A	675 (3004)	950 (4228)	1150 (5118)
Mullen Burst	D3786	psi (kPa)	N/A	N/A	N/A	N/A	800 (5515)	650 (4481)	1200 (8273)	1200 (8273)	450 (3102)	450 (3102)	800 (5506)
ENDURANCE PROPERTIES													
UV Stability	D4355	% @ 500 hrs	80	80	80	80	70	90	70	70	90	90	90
HYDRAULIC PROPERTIES													
Permittivity	D4491	sec ⁻¹	0.270	0.210	0.145	0.060	0.520	0.960	0.025	0.400	2.100	0.280	0.900
Water Flow Rate	D4491	gpm/ft ² (l/min/m ²)	20 (815)	15.7 (640)	15 (432)	5.1 (208)	40 (1630)	70 (2852)	2 (82)	30 (1222)	145 (5908)	18 (733)	70 (2852)
Permeability	D4491	cm/sec	0.034	0.033	0.023	0.030	0.050	0.046	0.001	0.050	0.140	0.010	0.068
Apparent Opening Size (AOS ³)	D4751	US Sieve Number (mm)	35 (0.500)	40 (0.425)	80 (0.180)	80 (0.180)	30 (0.600)	40 (0.425)	40 (0.425)	30 (0.600)	40 (0.425)	70 (0.212)	40 (0.425)
Percent Open Area CW02215		%	N/A	N/A	N/A	N/A	N/A	6	N/A	N/A	10	4 to 6	1
PHYSICAL PROPERTIES⁶													
Weight	D5261	oz/yd ² (g/m ²)	6.9 ^T (234 ^T)	9.1 ^T (309 ^T)	12.1 ^T (410 ^T)	14.75 ^T (500 ^T)	8.5 ^T (288 ^T)	7.4 ^T (251 ^T)	13.7 ^T (465 ^T)	14.5 ^T (492 ^T)	5.6 ^T (190 ^T)	5.6 ^T (190 ^T)	8.0 ^T (271 ^T)
Thickness	D5199	mils (mm)	46 ^T (1.168 ^T)	N/A	42 ^T (1.07 ^T)	N/A	38 ^T (0.965 ^T)	20 ^T (0.508 ^T)	45 ^T (1.143 ^T)	63 ^T (1.160 ^T)	28 ^T (0.711 ^T)	15 ^T (0.381 ^T)	35 ^T (0.889 ^T)
PACKAGING^{4,5}			GTF 350	GTF 400	GTF 500	GTF 700	GTF 370	GTF 375N	GTF 565	GTF 570	GTF 400EO	GTF 400E	GTF 404
Roll Width		ft (m)	15/17.1 (4.57/5.21)	15/17.1 (4.57/5.21)	15/17.1 (4.57/5.21)	15/17.1 (4.57/5.21)	15 (4.57)	12.5 (3.81)	15 (4.57)	15 (4.57)	12.5 (3.81)	12 (3.66)	15 (4.57)
Roll Area		yd ² (m ²)	500/622 (418/520)	500/622 (418/520)	500/622 (418/520)	500/622 (418/520)	500 (418)	417 (349)	500 (418)	500 (418)	417 (349)	400 (334)	500 (418)
Roll Weight		lbs (kg)	231/287 (105/130)	304/379 (138/172)	398/490 (181/222)	481/598 (218/272)	265 (120)	210 (95)	445 (202)	475 (215)	170 (77)	155 (70)	265 (120)

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