

GEOTEXTILES															
ARTER® GT	um	35-35	50-50	80-80	100-50	100-100	120-120	150-50	150-150	200-50	300-50	400-50	500-50	600-50	
mass per unit area	g/m ²	150	180	260	270	340	400	360	490	430	570	720	860	1010	
tensile strength MD	kN/m	40	55	85	110	110	130	170	170	220	330	430	530	630	
tolerance		-5	-5	-5	-10	-10	-10	-20	-20	-20	-30	-30	-30	-30	
elongation MD	%	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	
tolerance		± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	
tensile strength CMD	kN/m	40	55	85	55	110	130	55	170	55	55	55	55	55	
tolerance		-5	-5	-5	-5	-10	-10	-5	-20	-5	-5	-5	-5	-5	
elongation CMD	%	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	10,0	
tolerance		± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	± 2,5	
tensile at 2% MD	kN/m	8	11	17	20	20	24	28	28	46	70	85	95	120	
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2	-2	-2	-5	-5	-10	-10	
tensile at 2% CMD	kN/m	9	13	19	13	22	26	13	30	13	13	13	13	13	
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	
tensile at 3% MD	kN/m	11	15	26	28	28	33	36	36	70	90	105	125	150	
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2	-2	-2	-5	-5	-10	-10	
tensile at 3% CMD	kN/m	12	18	28	18	30	36	18	39	18	18	18	18	18	
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	-2	
tensile at 5% MD	kN/m	19	25	40	45	45	54	72	72	105	150	165	185	220	
tolerance	kN/m	-2	-2	-3	-3	-3	-3	-3	-4	-5	-5	-10	-10	-10	
tensile at 5% CMD	kN/m	20	28	43	28	48	57	28	75	28	28	28	28	28	
tolerance	kN/m	-2	-2	-2	-3	-3	-3	-2	-2	-2	-2	-2	-2	-2	
creep at 60% of tensile strength	kN/m	21	30	48	60	60	72	90	90	120	180	240	300	360	
long term resistance MD	%	2													
standard mesh size	mm	N = narrow; B = 4 x 4; C = 2 x 2													
standard yarns		HIGH TENACITY POLYESTER*													
polymeric coating		NO													
roll width	m	5,3													
roll length	m	100										50	50	50	50
loading space-12m truck	m ²	40.000	40.000	40.000	38.000	35.000	35.000	35.000	30.000	25.000	20.000	15.000	12.000	10.000	

* on request Polypropylene – Glass Fiber – PEN – PVA

With fibres different from polyester the values at 2, 3 and 5% ARE NOT VALID.

All the values are theoretical and have been got from laboratory tests averages.

Alpe Adria Textil Srl reserves for itself the right to modify, without any notice, technical and aesthetic characteristics of its products based on continuous technological evolution.