

GEOGRIDS													
ARTER® GTS	um	20-20	35-20	55-20	50-50	80-20	110-20	150-20	200-10	300-10	400-10	500-10	600-10
mass per unit area	g/m <sup>2</sup>	115	130	175	260	225	270	380	475	620	780	1050	1180
tensile strength MD	kN/m	25	40	60	55	90	130	170	220	330	430	530	630
tolerance		-5	-5	-5	-5	-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
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
tensile strength CMD	kN/m	25	25	25	55	25	25	25	15	15	15	15	15
tolerance		-5	-5	-5	-5	-5	-5	-5	-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
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
tensile at 2% MD	kN/m	6	8	11	11	17	22	28	46	70	85	95	115
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2	-2	-5	-5	-10	-10
tensile at 2% CMD	kN/m	6	6	6	13	6	6	6	na	na	na	na	na
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2	na	na	na	na	na
tensile at 3% MD	kN/m	8	11	18	15	26	30	36	65	90	100	120	145
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2	-2	-5	-5	-10	-10
tensile at 3% CMD	kN/m	8	8	8	18	8	8	8	na	na	na	na	na
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2	na	na	na	na	na
tensile at 5% MD	kN/m	11	19	28	25	40	49	72	104	150	165	180	210
tolerance	kN/m	-2	-2	-3	-3	-3	-3	-4	-5	-5	-10	-10	-10
tensile at 5% CMD	kN/m	11	11	11	28	11	11	11	na	na	na	na	na
tolerance	kN/m	-2	-2	-2	-3	-2	-2	-2	na	na	na	na	na
creep at 60% of tensile strength	kN/m	12	21	33	30	48	66	90	120	180	240	300	360
long term resistance MD	%	2											
standard mesh size	mm	25 X 25											
standard yarns		HIGH TENACITY POLYESTER*											
polymeric coating		black EVA**											
roll width	m	4,4											
roll length	m	100								50	50	50	50
loading space-12m truck	m <sup>2</sup>	40.000	40.000	40.000	40.000	35.000	30.000	25.000	25.000	18.000	15.000	12.000	12.000

\* on request Polypropylene – Glass Fiber – PEN – PVA

\*\* other colours on request

In case of full loading, the own rolls weight can flatten the product.

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.

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

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