

SPECIFIC GEOGRIDS								
ARTER [®] GTS A	um	35-20	55-20	50-50	80-20	110-20	150-20	100-100
mass per unit area	g/m ²	135	180	205	220	260	370	400
tensile strength MD	kN/m	40	60	55	90	130	170	120
tolerance		-5	-5	-5	-10	-20	-20	-20
elongation MD	%	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
tensile strength CMD	kN/m	25	25	55	25	25	25	120
tolerance		-5	-5	-5	-5	-5	-5	-20
elongation CMD	%	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
tensile at 2% MD	kN/m	8	11	11	17	22	28	20
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2
tensile at 2% CMD	kN/m	6	6	13	6	6	6	22
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2
tensile at 3% MD	kN/m	11	18	15	26	30	36	28
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2
tensile at 3% CMD	kN/m	8	8	18	8	8	8	30
tolerance	kN/m	-2	-2	-2	-2	-2	-2	-2
tensile at 5% MD	kN/m	19	28	25	40	49	72	45
tolerance	kN/m	-2	-3	-3	-3	-3	-4	-4
tensile at 5% CMD	kN/m	11	11	28	11	11	11	48
tolerance	kN/m	-2	-2	-3	-2	-2	-2	-4
creep at 60% of tensile strength	kN/m	21	33	30	48	66	90	120
long term resistance MD	%	2						
standard mesh size	mm	35 x 35 + polyester gossamer						
standard yarns		HIGH TENACITY POLYESTER						
polymeric coating		black EVA						
roll width	m	4,4						
roll length	m	100						
loading space-12m truck	m ²	40.000	40.000	40.000	35.000	30.000	25.000	25.000

SPECIFIC GEOGRIDS				
ARTER [®] GTS AG	um	50-50	75-75	100-100
mass per unit area	g/m ²	275	360	470
tensile strength MD	kN/m	55	80	110
tolerance		-5	-5	-10
elongation MD	%	2,5	2,5	2,5
tolerance		±0,5	±0,5	±0,5
tensile strength CMD	kN/m	55	80	110
tolerance		-5	-5	-10
elongation CMD	%	2,5	2,5	2,5
tolerance		±0,5	±0,5	±0,5
tensile at 2% MD	kN/m	29	43	58
tolerance	kN/m	-2	-2	-2
tensile at 2% CMD	kN/m	29	43	58
tolerance	kN/m	na	na	na
tensile at 3% MD	kN/m	na	na	na
tolerance	kN/m	na	na	na
tensile at 3% CMD	kN/m	na	na	na
tolerance	kN/m	na	na	na
tensile at 5% MD	kN/m	na	na	na
tolerance	kN/m	na	na	na
tensile at 5% CMD	kN/m	na	na	na
tolerance	kN/m	na	na	na
creep at 60% of tensile strength	kN/m	na	na	na
long term resistance MD	%	na		
non-woven		no		
standard mesh size	mm	25	25	12,5
standard yarns		GLASS FIBER		
polymeric coating		black EVA		
roll width	m	2,65		
roll length	m	100		

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.