

SPECIFIC GEOGRIDS				
MACRIT® GTS V	um	50-50	75-75	100-100
mass per unit area	g/m <sup>2</sup>	240	310	390
tensile strength MD	kN/m	55	80	110
tolerance		-5	-5	-10
elongation MD	%	10,0	10,0	10,0
tolerance		± 2,5	± 2,5	± 2,5
tensile strength CMD	kN/m	55	80	110
tolerance		-5	-5	-10
elongation CMD	%	10,0	10,0	10,0
tolerance		± 2,5	± 2,5	± 2,5
tensile at 2% MD	kN/m	11	16	20
tolerance	kN/m	-2	-2	-2
tensile at 2% CMD	kN/m	13	18	22
tolerance	kN/m	-2	-2	-2
tensile at 3% MD	kN/m	15	22	28
tolerance	kN/m	-2	-2	-2
tensile at 3% CMD	kN/m	18	24	30
tolerance	kN/m	-2	-2	-2
tensile at 5% MD	kN/m	25	38	47
tolerance	kN/m	-3	-4	-5
tensile at 5% CMD	kN/m	28	40	50
tolerance	kN/m	-2	-2	-3
creep at 60% of tensile strength	kN/m	30	45	60
long term resistance MD	%	2		
non-woven	POLYPROPYLENE 13 g/m <sup>2</sup>			
mesh size woven grid	mm	35		
standard yarns	HIGH TENACITY POLYESTER			
polymeric coating	black EVA			
roll width	m	4,40		
roll length	m	100		
loading space-12m truck	m <sup>2</sup>	35.000	35.000	25.000

SPECIFIC GEOGRIDS				
MACRIT® GTS VG	um	50-50	75-75	100-100
mass per unit area	g/m <sup>2</sup>	300	385	480
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	POLYPROPYLENE 13 g/m <sup>2</sup>			
mesh size woven grid	mm	25		
standard yarns	GLASS FIBER			
polymeric coating	black EVA			
roll width	m	2,65		
roll length	m	100		
loading space-12m truck	m <sup>2</sup>	40.000	35.000	30.000

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.