

	Property	Standard/Norm	Unit	ISO-DRAIN nature 10 M / 10 MP	ISO-DRAIN nature 10 G / 10 GP	ISO-DRAIN nature 10 G + as	ISO-DRAIN nature 10 GF	ISO-DRAIN nature 20 P	ISO-DRAIN nature 20 PG	ISO-DRAIN nature 25 P	
Core Product	Resin	---	---	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	
	Colour	---	---	black	black	black	black	black	black	black	
	Area weight	DIN EN 12127	g/m ²	600	600	600	600	1,000	1,000	1,000	
	Dimple height	---	mm	10	10	10	10	20	20	25	
	Dimple spacing	---	pcs/m ²	3,360	3,360	3,360	3,360	400	400	400	
	Air gap (between dimples)	---	l/m ²	7,9	7,9	7,9	7,9	14	14	13,5	
	Compressive strength	EN ISO 25619-2	kN/m ²	420	420	420	420	240	240	180	
	Dimensions	---	m	2.00 x 12.50	2.00 x 12.50	2.00 x 12.50	2.00 x 12.50	1.20 x 2.50 2.00 x 20.00 2.50 x 20.00	2.00 x 12.50	---	2.425 x 1.237
	Water storage capacity		l/m ²	---	---	---	---	6	6	8	
Lamination 1	Resin	---	---	PE	PP	PP	PP	---	---	---	
	Area weight	DIN EN 12127	g/m ²	95	136	136	136	---	---	---	
Lamination 2	Resin	---	---	---	---	---	PE	---	PP	---	
	Area weight	DIN EN 12127	g/m ²	---	---	---	100	---	110	---	
Geotextile	Tensile Strength	EN ISO 10319	kN/m	---	9.0	9.0	9.0	---	7.0	---	
	Puncture (CBR)	EN ISO 12236	N	---	1,250	1,250	1,250	---	1,000	---	
	Dynamic cone puncture	EN 918	mm	---	29	29	29	---	35	---	
	Opening size	EN ISO 12956	µm	---	120	120	120	---	140	---	
	Permeability	EN ISO 11058	10 ⁻³ m/s	---	50	50	50	---	70	---	
Perforation	Diameter of perforation	---	mm	--- / 2	--- / 2	---	---	5	3	5	
Geocomposite	Area weight	EN ISO 9864	g/m ²	600	740	750	840	---	1,110	---	
	Drainage capacity	EN ISO 12958, i=1	l/(ms)	3.0	3.5	3.5	3.5	10.61	10.61	7.9	
	Tensile strength (MD)	EN ISO 10319	kN/m	26.1	15.4	15.4	15.4	11.7	16.5	7.1	
	Tensile strength (CMD)	EN ISO 10319	kN/m	22.2	16.8	16.8	16.8	11.5	12.4	6.3	
	Strain at maximum load	EN ISO 10319	%	50	50	50	50	55	55	70	
	CE Certificate	EN ISO 13252	---	yes	yes	yes	yes	yes	yes	yes	
General	Service temperature range	---	°C	-40 - +80							
	Storage	---	---	protect from UV radiation							
	Physiological properties	---	---	resistant to a wide range of chemicals, resistant to fungus and bacteria attack, impervious to root penetration, rot proof							

All figures are to be understood as approximate values. Evaluation of suitability for any specific application is always the sole responsibility of the customer.