

	Property	Standard/Norm	Unit	ISO-DRAIN eco 1+1	ISO-DRAIN eco 2+2	ISO-DRAIN 3	ISO-DRAIN eco 4+4	ISO-DRAIN eco 8 D	ISO-DRAIN eco 8 V	ISO-DRAIN eco 10	ISO-DRAIN eco 20	
Core Product	Resin	---	---	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	
	Colour	---	---	black	black	yellow	black	black	black	black	black	
	Area weight	DIN EN 12127	g/m ²	400	400	500	600	500	500	600	1.000	
	Dimple height	---	mm	1+1	2+2	3	4+4	8	8	10	20	
	Dimple spacing	---	pcs/m ²	90,000	25,600	2,500	10,000	1,860	1,150	3,364	400	
	Air gap (between dimples)	---	l/m ²	0.9	2.0	3.6	3.6	5.3	5.5	7.9	14	
	Compressive strength	EN ISO 25619-2	kN/m ²	950	370	320	280	250	170	420	240	
	Dimensions	---	m	1.10 x 20.00 2.20 x 20.00	1.10 x 20.00 2.20 x 20.00	1.00 x 30.00 2.00 x 30.00	1.10 x 20.00 2.20 x 20.00	0.50 x 20.00 to 4.00 x 20.00	2.00 x 20.00 2.50 x 20.00	2.00 x 12.50 ---	2.00 x 20.00 2.50 x 20.00	
	Resistance against water penetration	based on DIN EN 19:28:2000-07	---	waterproof								
	Resistance against oxidation	DIN EN ISO 13438	---	fulfilled								
	Drainage capacity	EN ISO 12958, i=1	l/(ms)	0.5	0.5	0.84	0.84	2.5	3.6	4.22	9.8	
	Tensile strength (MD)	EN ISO 10319	kN/m	4.7	5.8	7.3	7.3	4.8	4.8	7.2	10.9	
	Tensile strength (CMD)	EN ISO 10319	kN/m	6.3	5.4	7.0	6.4	5.2	5.2	6.2	7.9	
	Strain at maximum load	EN ISO 10319	%	60	60	40	60	40	40	60	50	
CE Certificate	EN ISO 13967	---	yes	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.