

	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	
<b>Core Product</b>	Resin	---	---	HDPE	HDPE	HDPE	HDPE	HDPE	HDPE	
	Colour	---	---	black	black	yellow	black	black	black	
	Area weight	DIN EN 12127	g/m <sup>2</sup>	400	400	500	600	500	500	
	Dimple height	---	mm	1+1	2+2	3	4+4	8	8	
	Dimple spacing	---	pcs/m <sup>2</sup>	90,000	22,500	2,500	10,000	1,860	1,150	
	Air gap (between dimples)	---	l/m <sup>2</sup>	0.9	2.0	3.6	3.6	5.3	5.5	
	Compressive strength	EN ISO 25619-2	kN/m <sup>2</sup>	950	370	320	280	250	170	
	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	
	Resistance against water penetration	based on DIN EN 1928:2000-07	---	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	
	Tensile strength (MD)	EN ISO 10319	kN/m	4.7	5.8	7.3	7.3	7.2	4.8	
	Tensile strength (CMD)	EN ISO 10319	kN/m	6.3	5.4	7.0	6.4	6.2	5.2	
	Strain at maximum load	EN ISO 10319	%	60	60	40	60	30	40	
CE Certificate	EN ISO 13967	---	yes	yes	yes	yes	yes	yes		
<b>General</b>	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.

	Property	Standard/Norm	Unit	ISO-DRAIN eco 10	ISO-DRAIN eco 20	ISO-DRAIN eco 40	
<b>Core Product</b>	Resin	---	---	HDPE	HDPE	HDPE	
	Colour	---	---	black	black	black	
	Area weight	DIN EN 12127	g/m <sup>2</sup>	600	1.000	1.900	
	Dimple height	---	mm	10	20	40	
	Dimple spacing	---	pcs/m <sup>2</sup>	3,360	400	64	
	Air gap (between dimples)	---	l/m <sup>2</sup>	7.9	14	25	
	Compressive strength	EN ISO 25619-2	kN/m <sup>2</sup>	420	240	130	
	Dimensions	---	m	2.00 x 12.50	2.00 x 20.00 2.50 x 20.00	2.00 x 6.00	
	Resistance against water penetration	based on DIN EN 1928:2000-07	---	waterproof			
	Resistance against oxidation	DIN EN ISO 13438	---	fulfilled			
	Drainage capacity	EN ISO 12958, i=1	l/(ms)	4.22	9.8	---	
	Tensile strength (MD)	EN ISO 10319	kN/m	7.2	10.9	23	
	Tensile strength (CMD)	EN ISO 10319	kN/m	6.2	7.9	25	
	Strain at maximum load	EN ISO 10319	%	60	50	70	
CE Certificate	EN ISO 13967	---	yes	yes	yes		
<b>General</b>	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.