

CHARACTERISTIC	Test Method	Unit	GOLFDREN STANDARD	GOLFDREN EFFECT	GOLFDREN PREMIUM
Material	DSC analysis		polyethylene (PE)	polyethylene (PE)	polyethylene (PE)
PHYSICAL PROPERTIES					
Mass per unit area	EN ISO 9864	g/m ²	900	1500	1800
Thickness	EN ISO 9863-1	mm	6	7	8
MECHANICAL PROPERTIES					
Tensile strength - MD	EN ISO 10319	kN/m	1,4	4	5
Tensile strength - CMD			3,5	5	6
Elongation - MD	EN ISO 10319	%	20	17	20
Elongation - CMD			15	20	20
Static puncture test (CBR test)	EN ISO 12236	N	250	600	800
Dynamic perforation test	EN ISO 13433	mm	25	8	7
HYDRAULIC PROPERTIES					
Water permeability normal to the plane	EN ISO 11058	l/(m ² /s)	140	110	110
Characteristic opening size O ₉₀	EN ISO 12956	mm	0,8	0,8	0,8
DURABILITY					
Resistance to weathering	EN 12224		to be covered within 1 day after installation	to be covered within 1 day after installation	to be covered within 1 day after installation
Resistance to oxidation	EN ISO 13438		predicted to be durable a minimum of 25 years for non-reinforcing applications in natural soils with 4 ≤ pH ≤ 9 and soil temperatures < 25	predicted to be durable a minimum of 25 years for non-reinforcing applications in natural soils with 4 ≤ pH ≤ 9 and soil temperatures < 25	predicted to be durable a minimum of 25 years for non-reinforcing applications in natural soils with 4 ≤ pH ≤ 9 and soil temperatures < 25
ROLL CHARACTERISTICS					
Length / roll		m	35	25	20
Width / roll		m	1,5	1,5	1,5
Area / roll		m ²	52,5	37,5	30
Diameter / roll		cm	approx. 50	approx. 50	approx. 50
Weight / roll (btto)		kg	50	59	56