

CHARACTERISTIC	Test Method	Unit	GolfDren Duotop	GolfDren Duotop PRO
Material	DSC analysis		polyethylene (PE)	polyethylene (PE)
<b>PHYSICAL PROPERTIES</b>				
Mass per unit area	EN ISO 9864	g/m <sup>2</sup>	1500	1800
Thickness	EN ISO 9863-1	mm	7	8
<b>MECHANICAL PROPERTIES</b>				
Tensile strength - MD	EN ISO 10319	kN/m	4	5
Tensile strength - CMD			5	6
Elongation - MD	EN ISO 10319	%	17	20
Elongation - CMD			20	20
Static puncture test (CBR test)	EN ISO 12236	N	600	800
Dynamic perforation test	EN ISO 13433	mm	8	7
<b>HYDRAULIC PROPERTIES</b>				
Water permeability normal to the plane	EN ISO 11058	l/m <sup>2</sup> .s	0,11	0,11
Characteristic opening size O <sub>90</sub>	EN ISO 12956	mm	0,8	0,8
<b>DURABILITY</b>				
Resistance to weathering	EN 12224		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 5 years for non-reinforcing applications in natural soils with 4 ≤ pH ≤ 9 and soil temperatures < 25 °C	predicted to be durable a minimum of 5 years for non-reinforcing applications in natural soils with 4 ≤ pH ≤ 9 and soil temperatures < 25 °C
<b>ROLL CHARACTERISTICS</b>				
Length / roll		m	25	20
Width / roll		m	1,5	1,5
Area / roll		m <sup>2</sup>	37,5	30
Diameter / roll		cm	cca 50	cca 50
Weight / roll (btto)		kg	56,3	54