

# TECHNICAL DATA SHEET

## SOLDRAIN SERIES



<b>Product</b>	Hard web geodrain
<b>Composition</b>	Polypropylene / High impact polystyrene
<b>Main Function</b>	Drainage

Property	Test Method	200	500	650	4000
<b>Core</b>					
Water captation	-	1 side	1 side	1 side	2 sides
Thickness	ASTM D1777	10 mm	10 mm	10 mm	25.4 mm
Compressive strength	ASTM D1621	527 kPa	862 kPa	862 kPa	431 kPa
Flow rate <sup>(1)</sup>	ASTM D4716	224 Lpm/m	261 Lpm/m	261 Lpm/m	261 Lpm/m
<b>Geotextile</b>					
Composition	-	Nonwoven	Nonwoven	Woven	Nonwoven both sides
Tensile strength	ASTM D4632	512 N	712 N	1824 x 979 N	445 N
Elongation at break	ASTM D4632	70%	70%	15%	50%
CBR puncture strength	ASTM D6241	1.41 kN	2.0 kN	3.22 kN	-
Apparent opening size (AOS)	ASTM D4751	0.210 mm	0.210 mm	0.354 mm	0.210 mm
Water flow rate	ASTM D4491	6 113 Lpm/m <sup>2</sup>	4 483 Lpm/m <sup>2</sup>	6 520 Lpm/m <sup>2</sup>	5 698 Lpm/m <sup>2</sup>
Permittivity	ASTM D4491	2.2 s <sup>-1</sup>	1.8 s <sup>-1</sup>	2.3 s <sup>-1</sup>	-
UV resistance 500hrs	ASTM D4355	70%	70%	90%	-
<b>Dimensions</b>					
Width	-	1.83 m			0.15 to 0.91 m
Length	-	15.24 m			30.48 m

This technical information comes from the manufacturer and was transcribed by Alkegen. All values are typical except when specified otherwise.

1- In-plane flow rate measured at 3600 psf (172 kPa) compressive load and a hydraulic gradient of 1.0.

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