



**TECHNICAL DATA SHEET
FOR FLOWNET, FLODRAIN AND
WICKDRAINS**

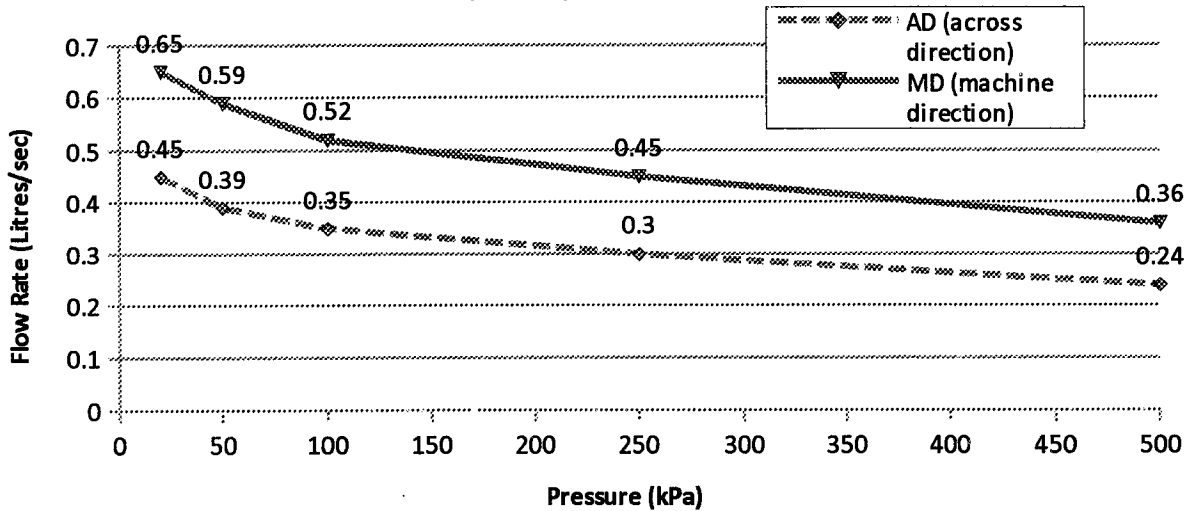
FLOW NET		
PROPERTY	FLOW NET	TEST METHOD
Product	HDPE Black	
Constituent Polymer	HDPE	
Vicat Softening Point (°C)	70	ISO 306
Tensile Yield Strength (mPa)	23	ISO 527
Maximum Service Temperature (°C)	85	
Overall Thickness (mm) @ 2 kPa	2.94	ISO 9863
Mass per Unit Area (g/m ²)	487	ISO 9864

BIDIM A2				
PROPERTY		UNITS	Bidim A2	TEST METHOD
Thickness	under 2 kPa	mm	1.6	EN ISO 9863
Porosity	under 2 kPa	%	93	
Throughflow	@ 50 mm head	l/s/m ²	150	EN ISO 11058
Permeability	1.0 x 10 ⁻³	m/s	4.2	SABS 0221-88
Pore size	O95 W	Micron	170	EN ISO 12956
Static Puncture Strength	CBR	kN	1.9	EN ISO 12236
Puncture Resistance	Max diam. of hole	mm	27	EX ISO 13433



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Transmissivity (in-plane flow capacity)



1. Use MD for Wickdrain & AD for Flo drain
2. Flownet was placed between 2 rigid plates to determine transmissivity
3. Hydraulic gradient = 1

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