



FLO-PIPE™

Specification Sheet

Flo-Pipe™ drainage pipe has a double wall sandwich construction, consisting of a corrugated outer wall and a smooth inner wall, and is slotted for drainage purposes.

Description	Units	Test method	
Constituent Polymer		HDPE	
Density (approximately)	g/cm ³	0.95	ASTM D1505
Tensile Strength at Break	kg/cm ³	320	ASTM D638
IZOD Impact Strength	kg – cm/cm	12	ASTM D256
Elongation at Break	%	> 500	ASTM D638
Flexural Modulus	kg/cm ³	13 500	ASTM D790
Environmental Stress Cracking Resistance	F50 hr	600	ASTM D1693
Slotted Pipe		DN4262-1E	
Colour	Pipe	Black	
	Coupling	Blue	
Outside Diameter	mm	110	160
Inside Diameter	mm	95	140
Infiltration Area	mm ² /m	> 5 000	> 5 000
Nominal Slot Width	mm	2	2
Slot Coverage	° (top)	240	240
Flow Channel	° (bottom)	120	120
Ring Stiffness	kPa	> 450	> 450
Pipe Dimensions	lengths (m)	6	
	coils (m)	50	
Chemical Resistance		Refer Technical Standard ISO/TR 10358: Plastic Pipes and Fittings Combined Chemical Resistance Table	
Co-efficient of Friction		< 0.3	
Ultraviolet Resistance	year	1 +	
Handling Temperatures			
Handling & Storage – minimum		– 25	
Ideal during Installation	°C	+ 15	
Maximum during Permanent Use		+ 60	
A yellow apex line is extruded along the outside invert of the pipe to ensure correct orientation of the Flo-Pipe™ during installation			

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This product is manufactured by Kaymac (Pty) Ltd t/a Kaytech, at its Atlantis facility, according to the ISO 9001:2008 Quality Management System Standard

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