

## TECHNICAL DATA SHEET



KAYAPP

Product Name: **FLO-PIPE®**  
 Reference No: DS DRNG 0488-07/2013 Rev 3  
 Date of Issue: 17 July 2019  
 Description: Flo-Pipe® slotted drainage pipe has a double wall sandwich construction consisting of a corrugated outer wall and a smooth bore.

Constituent Polymer	HDPE		
Melt index (190°C/2.16kg)	g/min	0.40g/10 minutes	ISO 1133
Density	g/cm <sup>3</sup>	0.96	ISO 1183
Tensile strength at yield point	Mpa	30	ISO 527
Elongation at break	%	> 500	
Shore hardness	Shore D	66	ISO 868
Vicat softening point (5kg load)	°C	128	ISO 306

The above are typical values for guideline only

Pipe Properties					
Colour		*Black with coloured line showing apex			
Outer Diameter	mm	75	110	160	
Inner Diameter	mm	65	95	138	
Pipe Length	m	6.00 – 6.06			
Resistance to external blows (at 0°C)		No breaks, no fragmentation, no cracks as defined in method			
Slot		2 mm x 18-25 mm >5000 mm <sup>2</sup> per m infiltration			
Chemical Resistance		Passes			ISO/TR 10358

\*The apex of each length of Flo-Pipe® is marked with a continuous coloured line to ensure correct orientation during installation.

Handling and Storage		
Storage Temperature	°C	-20 to +60
Installation Temperature (recommended)	°C	-10 to +40
Ultra-violet resistance period		> 1 year

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