

# Kabelflex Pipe

## PRODUCT DATASHEET



**Kabelflex** pipe has an innovative double wall sandwich construction, with a corrugated outer wall and a smooth inner wall. This combines high ring stiffness with excellent flow characteristics. The smooth core with an extremely low roughness coefficient results in greater flow rates, allowing the utilisation of smaller diameter pipes. **Kabelflex** is manufactured in coils and lengths to the highest quality standards complying with the requirements of SANS 61386-24: 2005. **Kabelflex** pipes are joined by push fit couplings, with an optional rubber seal to provide a watertight connection.

Effective as at: 05.10.2017

### SPECIFICATIONS

PHYSICAL PROPERTIES		UNITS	K 50	K 75	K 110	K 160	TEST METHOD
Duct Colour			Black (others available on request)				
Inside Bore of Duct			Smooth, free of blisters and cracks				Visual Examination
Material			HDPE				
Material Density		g/cm <sup>3</sup>	0.940				ISO 1183
Material MFI	190° C/2.16kg	g/10min	0.45				ISO 1183
Material Tensile Strength	@ Yield	MPa	27				ISO 527
	@ Ultimate	MPa	36				ISO 527
Min Bending Radius	Pliable	mm	150	250	350	450	SANS 61386-24
	Rigid	mm	-	1 400	2 500	4 000	
Outside diameter		mm	50	75	110	160	SANS 61386-24
Inside diameter		mm	40	63	95	137	To tolerance
Internal Coefficient of Friction			0.3				
Resistance to Compression			Type 450				SANS 61386-24
Resistance to Impact			Normal Duty				SANS 61386-24
Coupling Seating Force		N	<1000				Internal Test Method
Storage Temperature		°C	From - 20 to + 60				
Installation Temperature		°C	From - 10 to + 40				
Sizes			25m/50m coils or 6m lengths with coupling*				

\*Type and appearance of PVC coupling may differ regionally.

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