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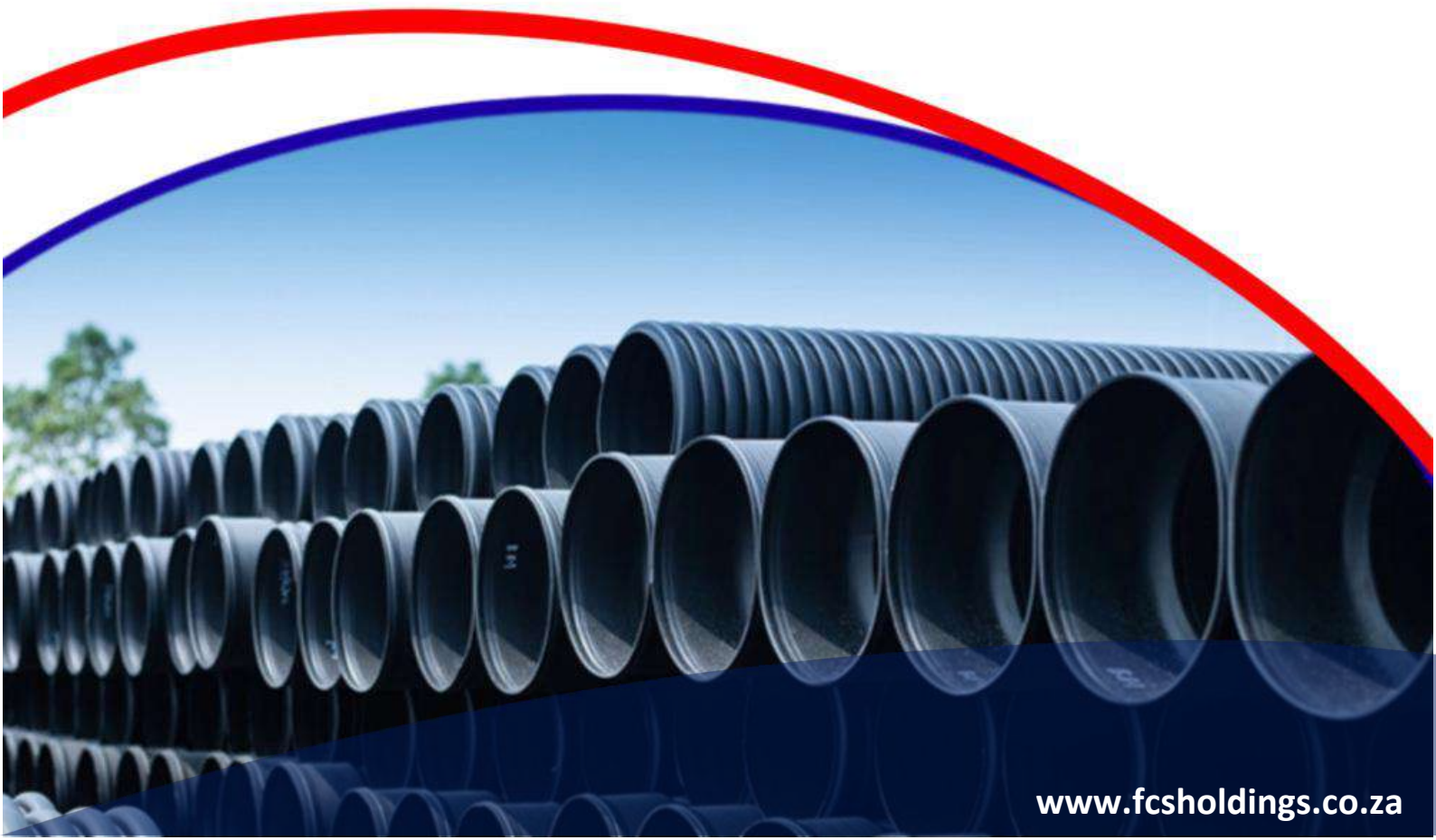
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**Unit 6, Pomona Junction, C/O Bon
Cretion Street & Constantia Road,
Kempton Park, 1619**

HDPE CABLEDUCT PIPE



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Technical Specifications:



Description:

SANS 61386-24 Class N ISO 9001:2008

- Supplied in lengths of 6 meters, or coils of 50 meters, complete with couplings – see tables included.
- The manufacturer's Quality Management System is certified to UNI EN ISO 9001:2008.
- Pipes conform to SANS 61386-24 and are marked as Class N with crush resistance of higher than 450 N.

General Features:

Design: the pipe is a flexible cable conduit system with a unique double walled corrugated construction and manufactured from high density polyethylene (HDPE)

Application: Protection of low and medium tension electrical cables, as well as telecommunication cables.

Crush Resistance: SANS 61386-24 with 5% deformation of internal diameter.

Structure: Stabilised against UV rays and guaranteed for one year from the date of manufacture marked on the pipe.

Presentation: Available in four sizes (50mm, 75mm 110mm, 160mm Nominal Diameter) with a standard length of 6m complete with a knock-on coupling, also available in a very flexible version supplied in coils. Different lengths are available on request.

Accessories: Couplings.

Installation: In accordance with SANS 1200 "Civil Engineering Construction" section LB "Bedding of Pipes", with reference to flexible pipes. However, clause 3.2 can be relaxed to include fill material with a plastic index (PI) not exceeding 12. Proper installation is extremely important.

Type Testing (Physical Tests):

Melt Flow Rate: According to ISO 1133: condition 1T (test parameter: 190°C / 5 Kg / 10 mins) on raw materials of both walls.

Density: According to ISO 1183 (test temperature 23°C) on the pipe and on raw materials of both walls.

Conformity Tests:

Visual Inspection: According to UNI ISO 4582 sections 3-4. The product is marked with a clearly visible product code printed longitudinally every 3 meters along the pipe.

Dimensions: Mean external diameter (cm), minimum internal diameter (dim).

Crush Resistance: According to SANS 61386-24.

Shock Resistance Test: According to SANS 61386-24.

Operating Limits: -50°C to +60°C.

Flammability: This test is excluded as we manufacture conduit for buried applications.

Technical Data:

Pipe Properties	50mm	75mm	110mm	160mm
Outer Diameter	50mm	75mm	110mm	160mm
Inner Diameter	40mm	63mm	95mm	137mm
Min. bending Radius (6m length)	n/a	1 400mm	2 500mm	4000mm
Min. bending Radius (coils)	150mm	250mm	350mm	450mm
Standard Straight length	n/a	6m	6m	6m
Standard Coil length	50m	50m	50m	50m

Accessories:

Description	50mm	75mm	110mm	160mm
Coupling	*	*	*	*
Sealing Ring	*	*	*	*
End plug	*	*	*	*
Spacer module		*	*	*
Access Chamber Entry			*	
Mandrel			*	*
Duct brush			*	*
HDPE flexible bend 0° to 90° (radius mm)	Not	≥250	≥350	≥450
uPVC long radius bend 90° (radius mm)	Required	350	500	600

Loading Quantities:

Loading quantities are available upon request.

