

## HDPE PIPE DIMENSIONS

Working Pressure PE 100	PN6	PN8	PN10	PN12	PN16	PN20	PN25
OD/Standard Dimension Ratio (SDR)	Class 26	Class 21	Class 17	Class 13.6	Class 11	Class 9	Class 7.4
Size mm	Kg/m	Kg/m	Kg/m	Kg/m	Kg/m	Kg/m	Kg/m
16 mm					0.08		
20 mm				0.1	0.116	0.133	0.163
25 mm				0.149	0.17	0.211	0.242
32 mm			0.194	0.231	0.279	0.328	0.388
40 mm			0.294	0.361	0.431	0.511	0.605
50 mm	0.311	0.372	0.453	0.55	0.668	0.792	0.943
63 mm	0.492	0.578	0.721	0.876	1.056	1.265	1.482
75 mm	0.673	0.827	1.018	1.241	1.475	1.777	2.111
90 mm	0.977	1.186	1.463	1.778	2.137	2.563	3.024
110 mm	1.434	1.78	2.177	2.634	3.169	3.809	4.532

## A LEGACY OF QUALITY, TECHNOLOGY AND PERFORMANCE

HDPE pipes are recommended for their endurance in the field – giving engineers and contractors alike the confidence in specifying a quality brand that meets the highest demands from clients and for different applications.

HDPE Pipe systems are manufactured to, and carry the SABS mark of trusted quality for SANS ISO 4427 and are available in diameters from 20mm up to 110mm.

## JOINTING METHODS

- **Butt Weld**
- **Electrofusion**
- **Compression Fittings**

## FEATURES & BENEFITS

- **High Impact Strength:** ensures a greater resistance to the rigours of pipe laying conditions
- **Damage Resistance:** as a result of low notch sensitivity
- **Ease of Installation:** owing to light weight and availability in long lengths
- **High Flow Capacity:** lower friction factors than most non-plastic materials
- **Long Life:** provides a long, maintenance-free lifetime with low whole life costs
- **Good Chemical and Corrosion Resistance**
- **Flexibility:** can be bent to a minimum bending radius of 30 times the pipe's outside diameter
- **Good Abrasion Resistance**
- **Good UV Resistance:** inclusion of carbon black in raw material stabilises against direct sunlight
- **Cost-effectiveness:** providing value over time