Bingo Pipeline
CERTIFICATES
ISO9001: 2015, ISO45001: 2018,
ISO14001: 2015, CE, CNAS

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ISO 8772:2006 Plastics piping systems for non-pressure underground drainage and sewerage-Polyethylene (PE)

Dimensions in Millimetres

PE100	-		SN2		SN4		SN8	
Nominal Size DN (mm)	SDR41		SDR33		SDR26		SD21	
	Thickness (mm)	Weight (kg/m)	Thickness (mm)	Weight (kg/m)	Thickness (mm)	Weight (kg/m)	Thickness (mm)	Weight (kg/m)
110	2.7	0.86	3.3	1.18	4.2	1.45	5.3	1.80
125	3.0	1.11	3.8	1.53	4.8	1.87	6.0	2.31
160	3.9	1.82	4.9	2.46	6.2	3.09	7.7	3.77
200	4.9	2.84	6.2	3.89	7.7	4.76	9.6	5.86
250	6.1	4.44	7.7	6.00	9.6	7.40	11.9	9.05
315	7.7	7.04	9.7	9.49	12.1	11.74	15.0	14.38
355	8.7	8.95	10.9	12.00	13.6	14.83	16.9	18.63
400	9.8	11.36	12.3	15.27	15.3	18.80	19.1	23.69
450	11.0	14.37	13.8	19.22	17.2	24.27	21.5	29.88
500	12.2	17.75	15.3	23.70	19.1	29.93	23.9	36.79
630	15.4	28.17	19.3	38.49	24.1	47.57	30.0	58.47
800	19.5	45.43	24.5	61.87	30.6	76.54	38.1	94.32
1000	24.4	70.98	30.6	96.49	38.2	119.73	47.7	147.44
1200	29.3	102.21	36.7	138.77	45.9	172.04	57.2	212.02
1400	34.1	139.12	42.9	173.67	53.5	214.89	66.7	265.28
1600	39.0	181.71	49.0	226.71	62.1	284.89	76.2	346.37
1800	43.9	229.98	54.5	283.77	69.1	356.78	85.7	438.25
2000	48.8	283.93	60.6	350.58	76.9	441.15	95.2	540.93

1. ISO 8772:2006 specifies the requirements for polyethylene (PE) pipes, fittings and piping systems intended for use for non-pressure underground drainage and sewerage for the conveyance of soil and waste discharge of domestic and industrial origin, as well as surface water.
2. It covers buried pipework, as well as piping systems buried within the building structure.
3. In the case of industrial discharge, it is necessary that the chemical and temperature resistance be taken into account, but this will need to be done separately.
4. ISO 8772:2006 is applicable to PE pipes with or without an integral socket.

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