

PE100 HDPE Water Supply Pipe

Solid-wall PE100 pressure pipe to ISO 4427-2 / EN 12201-2 for potable water mains and distribution.



KEY DATA

MATERIAL
PE100 (MRS 10 MPa)
PRESSURE CLASS
PN6 – PN25 (SDR41 – SDR7.4)
JOINTING
Butt fusion, electrofusion

OUTSIDE DIAMETER
DN20 – DN1200
STANDARD
ISO 4427-2 / EN 12201-2
COLOUR
Black with blue stripe

SPECIFICATION

OD (mm) e / kg-m	SDR17	SDR11	SDR9	SDR7.4	SDR17	SDR11	SDR9	SDR7.4
20	1.2	1.8	2.2	2.7	0.07	0.1	0.12	0.14
25	1.5	2.3	2.8	3.4	0.11	0.16	0.19	0.22
32	1.9	2.9	3.6	4.3	0.17	0.25	0.31	0.36
40	2.4	3.6	4.4	5.4	0.27	0.39	0.47	0.56
50	2.9	4.5	5.6	6.8	0.41	0.61	0.75	0.88
63	3.7	5.7	7.0	8.5	0.66	0.98	1.18	1.39
75	4.4	6.8	8.3	10.1	0.93	1.39	1.66	1.97
90	5.3	8.2	10.0	12.2	1.35	2.01	2.4	2.85
110	6.5	10.0	12.2	14.9	2.02	3.0	3.58	4.25
125	7.4	11.4	13.9	16.9	2.61	3.89	4.63	5.48
140	8.2	12.7	15.6	18.9	3.24	4.85	5.82	6.87
160	9.4	14.5	17.8	21.6	4.25	6.33	7.59	8.97
180	10.6	16.4	20.0	24.3	5.39	8.05	9.6	11.35
200	11.8	18.2	22.2	27.0	6.66	9.93	11.84	14.01
225	13.2	20.5	25.0	30.4	8.39	12.58	15.0	17.75
250	14.7	22.7	27.8	33.8	10.38	15.48	18.53	21.92
280	16.5	25.5	31.1	37.8	13.04	19.47	23.22	27.47
315	18.5	28.6	35.0	42.6	16.46	24.57	29.4	34.82
355	20.9	32.3	39.4	48.0	20.95	31.27	37.31	44.21
400	23.5	36.4	44.4	54.1	26.55	39.71	47.37	56.14
450	26.5	40.9	50.0	60.8	33.67	50.2	60.0	71.0
500	29.4	45.5	55.6	67.6	41.51	62.04	74.13	87.7
560	32.9	50.9	62.2	75.7	52.03	77.75	92.9	109.99
630	37.1	57.3	70.0	85.1	65.99	98.45	117.61	139.12

Upper value = wall thickness e (mm). Lower value = mass per metre (kg/m). Verify against the standard table before ordering.

STANDARDS & COMPLIANCE

- ISO 4427-2 / EN 12201-2 (water supply)
- GB/T 13663.2 (China reference)
- ASTM F714 / AWWA C906 (North America)

PACKING & SHIPPING

- Coil to DN110, straight 6 m / 12 m above
- Bundled and strapped, not crated
- Container loading plan issued with the quotation