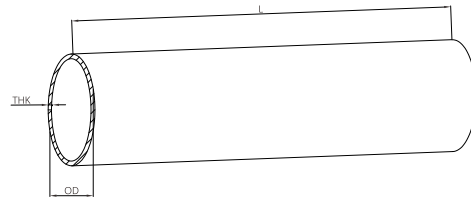


PE100 HDPE pressure pipe

PE100 HDPE pressure pipe is manufactured from high-density polyethylene, offering significant advantages over traditional metal pipe for underground fire services. It is corrosion-resistant and flexible, with a smooth inner wall that minimizes flow resistance. The unique leak-free fused joint system ensures absolute integrity, guaranteeing a reliable and uninterrupted water supply.



- Certificate: FM Approved
- Standard: ISO 4427-2, EN 12201-2
- Material: PE100 HDPE
- Length: 12m / 20ft / 40ft / coil, etc.
- End: Plain (square cut)
- Color: Black with red stripe, or customized



Available size

Size		SDR 11		SDR 9		SDR 7.4		Ref. No.
DN	OD (mm)	THK (mm)	W. pressure (bar)	THK (mm)	W. pressure (bar)	THK (mm)	W. pressure (bar)	
90	90.0 ~ 90.6	8.2 ~ 9.2	PN 16	10.1 ~ 11.3	PN 20	12.3 ~ 13.7	PN 25	PL1101 (ISO)
110	110.0 ~ 110.7	10.0 ~ 11.1	PN 16	12.3 ~ 13.7	PN 20	15.1 ~ 16.8	PN 25	PL1102 (FM)
125	125.0 ~ 125.8	11.4 ~ 12.7	PN 16	14.0 ~ 15.6	PN 20	17.1 ~ 19.0	PN 25	PL1103 (FM)
140	140.0 ~ 140.9	12.7 ~ 14.1	PN 16	15.7 ~ 17.4	PN 20	19.2 ~ 21.3	PN 25	PL1104 (FM)
160	160.0 ~ 161.0	14.6 ~ 16.2	PN 16	17.9 ~ 19.8	PN 20	21.9 ~ 24.2	PN 25	PL1105 (FM)
180	180.0 ~ 181.1	16.4 ~ 18.2	PN 16	20.1 ~ 22.3	PN 20	24.6 ~ 27.2	PN 25	PL1106 (FM)
200	200.0 ~ 201.2	18.2 ~ 20.2	PN 16	22.4 ~ 24.8	PN 20	27.4 ~ 30.3	PN 25	PL1107 (FM)
225	225.0 ~ 226.4	20.5 ~ 22.7	PN 16	25.2 ~ 27.9	PN 20	30.8 ~ 34.0	PN 25	PL1108 (FM)
250	250.0 ~ 251.5	22.7 ~ 25.1	PN 16	27.9 ~ 30.8	PN 20	34.2 ~ 37.8	PN 25	PL1109 (FM)
280	280.0 ~ 281.7	25.4 ~ 28.1	PN 16	31.3 ~ 34.6	PN 20	38.3 ~ 42.3	PN 25	PL1110 (FM)
315	315.0 ~ 316.9	28.6 ~ 31.6	PN 16	35.2 ~ 38.9	PN 20	43.1 ~ 47.6	PN 25	PL1111 (FM)
355	355.0 ~ 357.2	32.2 ~ 35.6	PN 16	39.7 ~ 43.8	PN 20	48.5 ~ 53.5	PN 25	PL1112 (FM)
400	400.0 ~ 402.4	36.3 ~ 40.1	PN 16	44.7 ~ 49.3	PN 20	54.7 ~ 60.3	PN 25	PL1113 (FM)
450	450.0 ~ 452.7	40.9 ~ 45.1	PN 16	50.3 ~ 55.5	PN 20	61.5 ~ 67.8	PN 25	PL1114 (FM)

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Available size

Size		SDR 11		SDR 9		SDR 7.4		Ref. No.
DN	OD (mm)	THK (mm)	W. pressure (bar)	THK (mm)	W. pressure (bar)	THK (mm)	W. pressure (bar)	
500	500.0 ~ 503.0	45.4 ~ 50.1	PN 16	55.8 ~ 61.5	PN 20	67.6 ~ /	PN 25	PL1115 (FM)
560	560.0 ~ 563.4	50.8 ~ 56.0	PN 16	62.5 ~ 68.9	PN 20	75.7 ~ /	PN 25	PL1116 (FM)
630	630.0 ~ 633.8	57.2 ~ 63.1	PN 16	70.3 ~ 77.5	PN 20	85.1 ~ /	PN 25	PL1117 (FM)

Note: For SDR 7.4 series, it is ISO, not FM approved.