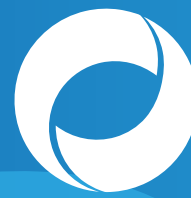


Pressure Rated HDPE Water Pipe



PTM

Pipes that connect
solutions



Pressure Water

CHARACTERISTICS AND ADVANTAGES

● GREATER SEALING

The HDPE pipe with solid wall and smooth interior can be joined by butt fusion and electrofusion, methods with which a monolithic union is achieved that is more resistant than the 100% hermetic pipe itself.

● EASE OF INSTALLATION

Solid wall, smooth interior HDPE pipe is light in weight and flexible, adapting to uneven terrain and supporting dynamic loads, which leads to its ease of installation at low cost.

● FITTINGS

PTM® offers a wide range of injected and segmented fittings in different diameters and RD's for both electrofusion and thermofusion.

Manning Coefficient (n) = 0.009

Hazen-Williams Coefficient (c) = 150

ADDITIONAL MARKETS

- Energy and Gas
- Electrical
- Fire Protection (FM)

CERTIFICATIONS AND COMPLIANCE

ANSI/AWWA C906

ASTM F714

ASTM D3035

NSF/ANSI/CAN 61

PIPE COMPOUND

PPI TR-4 PE 4710, ASTM D3350

Cell Class **PE4710** o **PE 100**

ADDITIONAL OPTION

FLANGED

COLOR

 External color

 Internal color

ADDITIONAL COLOR STRIPES

Pressurized and treated water

 Orange Stripe  Purple Stripe

 Green Stripe  Double Stripes

 Brown Stripe  Without Stripe

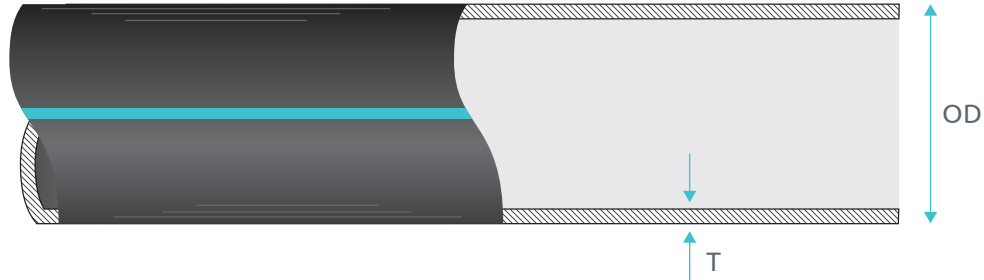


Pressure Rated HDPE Water pipe

Availability in diameters from 1/2" to 36". We operate in Type I (controlled internal diameter) in 1/2" and 3/4" for home outlets. The rest is handled in Type II (controlled outside diameter) from 1/2" to 36".

In sections it is handled from 2" to 36" in lengths of 20 and 40 feet. Rolls in presentations of 330 and 500 feet in diameters from 1/2" to 3", for 4" diameter only rolls of 330 feet in SDR 11, 9, 7.3 and 7.

Some SDR are not handled in certain smaller diameters (see attached table). Consult your advisor about special lengths.



NOMINAL DIAMETER (ND)	OUTSIDE DIAMETER (DE) IN	Wall Thickness (T)										
		SDR 7	SDR 7.3	SDR 9	SDR 11	SDR 13.5	SDR 15.5	SDR 17	SDR 21	SDR 26	SDR 32.5	SDR 41
		PRESSURE-RATED PSI 327 IN	PRESSURE-RATED PSI 313 IN	PRESSURE-RATED T I= PSI 157 T II= PSI 242 IN	PRESSURE-RATED PSI 199 IN	PRESSURE-RATED PSI 157 IN	PRESSURE-RATED PSI 142 IN	PRESSURE-RATED PSI 128 IN	PRESSURE-RATED PSI 100 IN	PRESSURE-RATED PSI 85 IN	PRESSURE-RATED PSI 57 IN	PRESSURE-RATED PSI 43 IN
1/2"	21.3	3.0 T II	2.9 T II	1.8 T I 2.4 T II	1.9 T II	1.6 T II						
3/4"	26.7	3.8 T II	3.7 T II	2.3 T I 3.0 T II	2.4 T II	2.0 T II						
1"	33.4	4.8	4.6	3.7	3.1	2.5						
1 1/4"	42.2	6.0	5.8	4.7	3.8	3.1	2.7	2.5				
1 1/2"	48.3	6.9	6.6	5.4	4.4	3.6	3.1	2.8				
2"	60.3	8.6	8.3	6.7	5.5	4.5	3.9	3.6	2.9	2.3		
2 1/2"	73.0	10.4	10.0	8.1	6.6	5.4	4.7	4.3	3.5	2.8	2.3	
3"	88.9	12.7	12.2	9.9	8.1	6.6	5.7	5.2	4.2	3.4	2.7	
4"	114.3	16.3	15.7	12.7	10.4	8.5	7.4	6.7	5.4	4.4	3.5	2.8
6"	168.3	24.0	23.1	18.7	15.3	12.5	10.8	9.9	8.0	6.5	5.2	4.1
8"	219.1	31.3	30.0	24.3	19.9	16.2	14.1	12.9	10.4	8.4	6.7	5.3
10"	273.1	39.0	37.4	30.3	24.8	20.2	17.0	16.1	13.0	10.5	8.4	6.7
12"	323.8	46.3	44.4	36.0	29.4	24.0	20.9	19.1	15.4	12.5	10.0	7.9
14"	355.6	50.8	48.7	39.5	32.3	26.3	22.9	20.9	16.9	13.7	10.9	8.7
16"	406.4	58.1	55.8	45.2	37.0	30.1	26.2	23.9	19.4	15.6	12.5	9.9
18"	457.2	65.3	62.6	50.8	41.6	33.9	29.5	26.9	21.8	17.6	14.1	11.2
20"	508.0	72.6	69.7	56.4	46.2	37.6	32.8	29.9	24.2	19.5	15.6	12.4
22"	558.8	79.8	76.6	62.1	50.8	41.4	36.0	32.9	26.6	21.5	17.2	13.6
24"	609.6	87.1	83.5	67.7	55.4	45.2	39.3	35.9	29.0	23.4	18.7	14.9
26"	657.4			73.4	60.0	48.9	42.6	38.8	31.4	25.4	20.3	16.1
28"	708.0			79.0	64.6	52.7	45.9	41.8	33.9	27.4	21.9	17.3
30"	758.6			84.7	69.3	56.4	49.1	44.8	36.3	29.3	23.4	18.6
32"	809.1			90.3	73.9	60.2	52.5	47.1	38.7	31.3	25.0	19.8
34"	859.7				78.5	64.0	55.7	50.8	41.1	33.2	26.6	21.1
36"	910.3				83.10	67.74	59.0	53.8	43.54	35.18	28.14	22.3
40"	1016.0					75.3	65.5	59.8	48.4	39.1	31.3	24.8

CERTIFIED COMPANY
ISO 9001:2015

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REV.00

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