PT CORR® Dual Wall Non-Pressure Rated HDPE Corrugated Pipe

PTM
Pipes that connect solutions

Storm / Drainage

CHARACTERISTICS AND ADVANTAGES

- **FLOW CAPACITY**
  Maintains a smooth surface after years of service, assuring practically no loss on Flow Rate capacity.

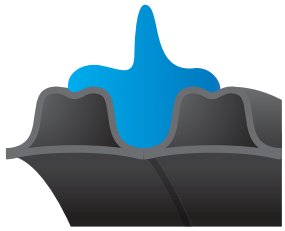
- **RESISTANCE TO CORROSION**
  HDPE is one of the most chemically inert plastics; therefore, it has a greater resistance to chemical attacks and corrosion. Corrugated HDPE pipes withstand the corrosive effects of soil and sewage with a range in PH from very acidic to very alkaline.

- **EASY INSTALLATION**
  High density polyethylene corrugated pipe is light in weight for an easy installation.

- **JOINT SYSTEM**
  The reinforced double wall Bell and the spigot system with dual gaskets of PT Corr® provide an hermetic seal.

- **RESISTANCE TO ABRASION**
  Corrugated HDPE pipes are much more resistant to abrasion in comparison to reinforced concrete and corrugated metal.

- **DUAL CRUSTED CORRUGATION**
  The dual crusted corrugated exterior of PTCorr® provides a greater stiffness that can withstand live loads H-25.



CERTIFICATIONS AND COMPLIANCE

4”-10”: AASHTO M252, ASTM F2648
12”-60”: AASHTO M294, ASTM F2306 & F2648
4”-10”: ASTM D3350 Cell Class 424420 C
12”-60”: ASTM D3350 Cell Class 435420 C

GASKET AND JOINT

ASTM F477
ASM D3212

COLOR

- **Internal color**
- **External color**

ADDITIONAL OPTIONS

*Perforated Pipe

- **Internal color**

SIZES

4”, 6”, 8”, 10”, 12”, 15”, 18”, 24”, 30”, 36”, 42”, 48”, 60”
Nominal Laying LTN
20 Feet

*Please call prior to order regarding availability.

CERTIFIED COMPANY
ISO 9001:2015

T-PSC-72000-21
REV. 00

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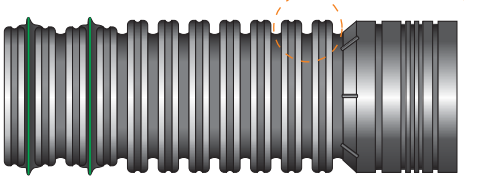

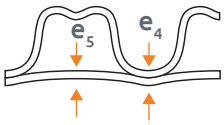

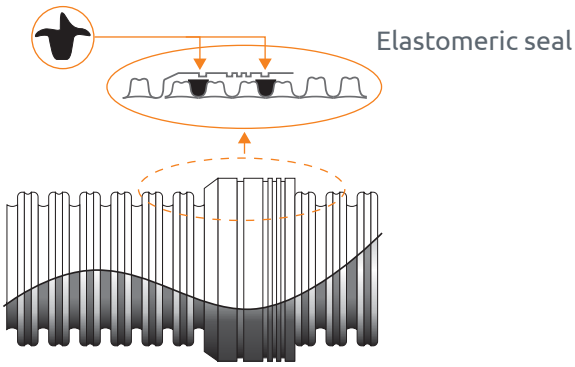

NOMINAL DIAMETER ND	INSIDE DIAMETER ID	OUTSIDE DIAMETER MEAN DO	PTCORR® NOMINAL WALL THICKNESS e4 (IN)	PTCORR® NOMINAL WALL THICKNESS e5 (IN)	AASHTO M252 NOMINAL WALL THICKNESS e5 (IN)	PTCORR® STANDARD STIFFNESS Psi	AASHTO M252 STANDARD STIFFNESS Psi
4"	3.937	4.803	0.039	0.024	0.019	67	49.31
6"	5.709	6.929	0.051	0.039	0.019	64	49.31
8"	7.677	9.213	0.059	0.043	0.023	60	49.31
10"	9.646	11.575	0.071	0.059	0.023	58	49.31
					AASHO M294		AASHO M294
12"	11.575	14.409	0.079	0.067	0.035	54	50
15"	10.591	17.598	0.094	0.079	0.04	45	42
18"	17.717	20.866	0.111	0.087	0.05	43	40
24	23.150	27.835	0.138	0.098	0.06	38	34
30"	29.567	34.803	0.169	0.098	0.06	33	29
36"	35.512	41.654	0.189	0.118	0.07	26	22.5
42"	41.378	47.362	0.197	0.126	0.07	25	21
48"	46.654	54.134	0.197	0.138	0.07	22	20
60	59.094	66.614	0.197	0.157	0.08	20	15

Perforation distribution scheme

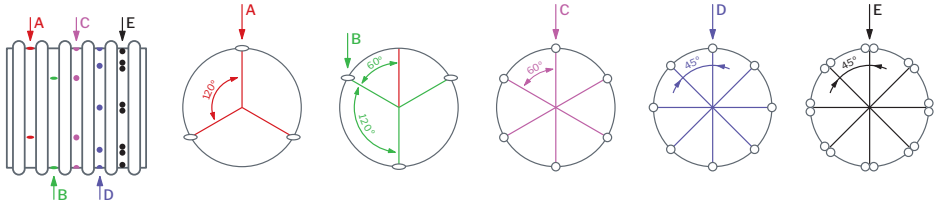

TABLE OF DIMENSIONS, RIGIDITY AND SPECIFICATIONS OF THE SLOTS IN PERFORATED PT CORR

NOMINAL DIAMETER (DN) pulg	NOMINAL DIAMETER (DN) mm	MINIMUM DIAMETER (DI) mm	MEDIUM OUTSIDE DIAMETER mm	MINIMUM WALL THICKNESS (e4) mm	WALL THICKNESS IN THE VALLEY (e5) mm	RIGIDITY KPa	PERFORATION SHAPE	DRILLING DIMENSIONS Length X width / diameter	SETTING	SPECIFIED MINIMUM WATER ENTRY AREA AASHTO cm²/m
4"	100	100	122	0.6	1.0	380	A-B slot	27 x 3	3 grooves at 120° in valley A and 3 in valley B alternated in contiguous valleys at 60° (A-B)	20
6"	150	145	175	1.0	1.3	372	A-B slot	27 x 3		
8"	200	195	232	1.1	1.5	365	A-B slot	32 x 3		
10"	250	245	290	1.5	1.8	360	A-B slot	32 x 3		
12"	300	294	363	1.7	2.0	355	Circle C	9.525 (3/8")	6 holes in each Valley at 60° Type C	30
15"	375	369	445	2.0	2.4	310	Circle C	9.525 (3/8")		
18"	450	450	533	2.2	2.8	283	Circle C	9.525 (3/8")		
24"	600	588	700	2.5	3.5	244	Circle D	9.525 (3/8")	8 holes in each valley at 45° type D	40
30"	750	751	880	2.5	4.3	225	Circle E	9.525 (3/8")	16 holes in each valley at 45° type E	
36"	900	902	1055	3.0	4.8	210	Circle E	9.525 (3/8")		
42"	1050	1051	1200	3.2	5.0	154	Circle E	9.525 (3/8")		
48"	1200	1185	1358	3.5	5.0	147	Circle E	9.525 (3/8")		
60"	1500	1501	1718	4.0	5.0	121	Circle E	9.525 (3/8")		