



HDPE

HDPE WATER/SEWER DIPS

PRESSURE-RATED PE PIPE

[Product One Sheet >](#)

HDPE Water/Sewer | DIPS



MADE IN AMERICA

PRESSURE-RATED PE PIPE



ANSI/AWWA C906, ASTM F714, FM1613
ASTM D3350 Cell Class 445574C/E (CC3-Potable water only FM1613),
PPI (TR-4) PE 4710 ANSI/NSF 61/14

MARKETS



POTABLE



RECLAIM



SEWER



DRAINAGE



REHABILITATION



FIRE PROTECTION

DESCRIPTION

Standard HDPE



HDPE WATER/SEWER - IPS

Nominal Laying Length:

40/50 feet

(Laying length tolerances are in accordance with AWWA and ASTM standards)

PIPE SIZES

4", 6", 8", 10", 12",
14", 16", 18", 20",
24", 30", 36", 42",
48"

PIPE COLOR

BLACK

ADDITIONAL OPTIONS

Perforated*: 4", 6", 8"

BLACK W/ COLOR STRIPES:



BLACK/BLUE



BLACK/GREEN



BLACK/PURPLE

ADDITIONAL COLOR OPTIONS

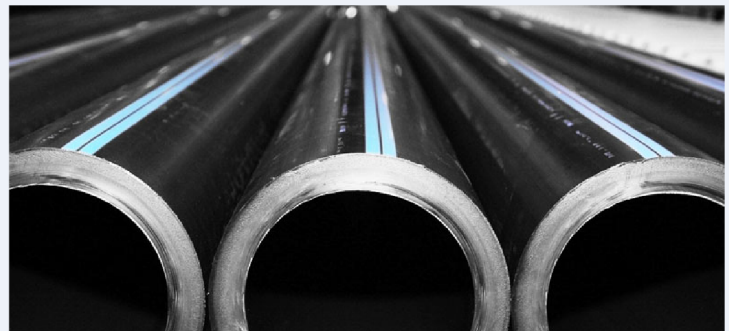
GREY

AWWA C906

DR 7	335 psi
DR 9	250 psi
DR 11	200 psi
DR 13.5	160 psi
DR 17	125 psi

AWWA C906

DR 19	111 psi
DR 21	100 psi
DR 26	80 psi
DR 32.5	63 psi



BENEFITS



INSTALLATION

- Lightweight, with long laying length, great for easy transportation and installation.
- Pipe applicable for open-trench and slip-lining installation.

FEATURES

- Extremely durable, corrosive, gouging and abrasion resistant.
- Features 100 years design life per Florida DOT.
- Great flexibility, and highly suitable for earthquake-prone areas.
- Highest PE pressure rating, resistance to slow crack growth and rapid crack propagation.

*50 year warranty only applicable to C900/Eagle Loc 900, C909, AWWA C901/C906. Check www.jmeagle.com/warranty for full details.

SUBMITTAL AND DATA SHEET

HDPE DUCTILE IRON OUTSIDE DIAMETER PRESSURE PIPE

PIPE SIZE (IN)	AVG. O.D. (IN)	MIN. T. (IN)	AVG. I.D. (IN)	WGT (LBS/FT)	MIN. T. (IN)	AVG. I.D. (IN)	WGT (LBS/FT)	MIN. T. (IN)	AVG. I.D. (IN)	WGT (LBS/FT)
		DR 7 (335 psi)			DR 9 (250 psi)			DR 11 (200 psi)		
4*	4.800	0.686	3.346	3.868	0.533	3.670	3.125	0.436	3.876	2.618
6*	6.900	0.986	4.868	7.992	0.767	5.274	6.463	0.627	5.571	5.412
8*	9.050	1.293	6.309	13.747	1.006	6.917	11.119	0.823	7.305	9.317
10*	11.100	1.586	7.738	20.681	1.233	8.486	16.717	1.009	8.961	14.012
12*	13.200	1.886	9.202	29.247	1.467	10.090	23.651	1.200	10.656	19.817
14*	15.300	2.186	10.666	39.292	1.700	11.696	31.769	1.391	12.351	26.625
16*	17.400	2.486	12.130	50.818	1.933	13.302	41.082	1.582	14.046	34.437
18*	19.500	2.786	13.594	63.824	2.167	14.906	51.612	1.773	15.741	43.253
20*	21.600	3.086	15.058	78.310	2.400	16.512	63.318	1.964	17.436	53.072
24*	25.800	-	-	-	2.867	19.722	90.345	2.345	20.829	75.692
30	32.000	-	-	-	3.556	24.461	138.986	2.909	25.833	116.460
36	38.300	-	-	-	4.256	29.277	199.095	3.482	30.918	166.842
42	-	-	-	-	-	-	-	4.045	35.925	225.198
		DR 13.5 (160 psi)			DR 17 (125 psi)			DR 19 (111 psi)		
4	4.800	0.356	4.045	2.179	0.282	4.202	1.757	0.253	4.264	1.587
6	6.900	0.511	5.817	4.498	0.406	6.039	3.636	0.363	6.130	3.274
8	9.050	0.670	7.630	7.736	0.532	7.922	6.250	0.476	8.041	5.631
10	11.100	0.822	9.375	11.640	0.653	9.761	9.409	0.584	9.862	8.474
12	13.200	0.978	11.127	16.469	0.776	11.555	13.297	0.695	11.727	11.992
14	15.300	1.133	12.898	22.116	0.900	13.392	17.875	0.805	13.593	16.101
16	17.400	1.289	14.667	28.613	1.024	15.229	23.129	0.916	15.458	20.835
18	19.500	1.444	16.439	35.924	1.147	17.068	29.035	1.026	17.325	26.154
20	21.600	1.600	18.208	44.090	1.271	18.905	35.638	1.137	19.190	32.104
24	25.800	1.911	21.749	62.901	1.518	22.582	50.840	1.358	22.921	45.801
30	32.000	2.370	26.976	96.756	1.882	28.123	78.181	1.684	28.430	70.445
36	38.300	2.837	32.286	138.622	2.253	33.524	112.017	2.016	34.026	100.935
42	44.500	3.296	37.512	187.122	2.618	38.950	151.235	2.342	39.535	136.240
48	50.800	3.763	42.822	243.878	2.988	44.465	197.049	2.674	45.131	177.574

SUBMITTAL AND DATA SHEET

HDPE DUCTILE IRON OUTSIDE DIAMETER PRESSURE PIPE

PIPE SIZE (IN)	AVG. O.D. (IN)	MIN. T. (IN)	AVG. I.D. (IN)	WGT (LBS/FT)	MIN. T. (IN)	AVG. I.D. (IN)	WGT (LBS/FT)	MIN. T. (IN)	AVG. I.D. (IN)	WGT (LBS/FT)
		DR 21 (100 psi)			DR 26 (80 psi)			DR 32.5 (63 psi)		
4	4.800	0.229	4.315	1.444	0.185	4.408	1.179	0.148	4.486	0.951
6	6.900	0.329	6.203	2.984	0.265	6.338	2.428	0.212	6.451	1.959
8	9.050	0.431	8.136	5.127	0.348	8.312	4.182	0.278	8.461	3.369
10	11.100	0.529	9.979	7.718	0.427	10.195	6.294	0.342	10.375	5.084
12	13.200	0.629	11.867	10.914	0.508	12.123	8.905	0.406	12.339	7.177
14	15.300	0.729	13.755	14.662	0.588	14.053	11.948	0.471	14.301	9.651
16	17.400	0.829	15.643	18.962	0.669	15.982	15.459	0.535	16.429	12.468
18	19.500	0.929	17.531	23.814	0.750	17.910	19.422	0.600	18.228	15.670
20	21.600	1.029	19.419	29.218	0.831	19.838	23.837	0.665	20.190	19.237
24	25.800	1.229	23.195	41.682	0.992	23.697	33.989	0.794	24.117	27.436
30	32.000	1.524	28.769	64.110	1.231	23.390	52.313	0.985	29.912	42.215
36	38.300	1.824	34.433	91.836	1.473	35.177	74.922	1.178	35.873	60.427
42	44.500	2.119	40.008	123.961	1.712	40.871	101.174	1.369	41.480	81.593
48	50.800	2.419	45.672	161.545	1.954	46.658	131.825	1.563	47.486	106.343

PRODUCT STANDARD

ANSI/AWWA C906
ASTM F714,
FM1613 4" ~ 24" DR 7, 9, 11

PIPE COMPOUND

ASTM D3350 Cell Class
445574 C/E (CC3-Potable water only)

NOMINAL LAYING LENGTH

40/50 feet

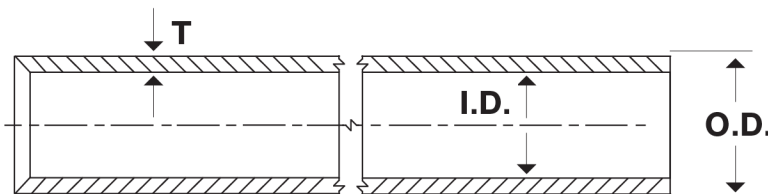
(Laying length tolerances are in accordance with AWWA and ASTM standards)

ADDITIONAL OPTION

Perforated (4" - 8")*

CERTIFICATIONS

ANSI/NSF 61,
ANSI/NSF 14



I.D. - Inside Diameter **O.D.** - Outside Diameter **T** - Wall Thickness

INSTALLATION

JM Eagle™ HDPE Water/Sewer
Installation Guide

Manning Coefficient (n) = 0.009 -
Hazen-Williams Coefficient (c) = 150

