

HDPE GasDistribution

PRESSURE-RATED GAS DISTRIBUTION PIPE



 **ASTM D2513,
ASTM D3350 PPI (TR-4) PE 4710** *(Virgin Material Only)*

MARKETS

 Gas Distribution

 DOT

DESCRIPTION



IPS	PIPE SIZES:	PIPE COLORS:
<p>Nominal Laying Length: Coil (6" and below), 40/50 feet (2" and above) <i>(Laying length tolerances are in accordance with approval standards)</i></p>	<p>½", ¾", 1", 1½", 2", 3", 4", 6", 8", 10", 12", 14", 16", 18", 20", 22", 24"</p>	<p>■ Black ■ Black w/Yellow Stripes</p>
CTS	PIPE SIZES:	PIPE COLORS:
<p>Nominal Laying Length: Coil <i>(Laying length tolerances are in accordance with approval standards)</i></p>	<p>½", 1"</p>	<p>■ Black ■ Black w/Yellow Stripes</p>

ASTM D2513 (IPS)

SDR 9
SDR 11
SDR 11.5
SDR 13.5
SDR 17
SDR 21
SDR 26
SDR 32.5



BENEFITS

INSTALLATION

Lightweight, with long laying length, great for easy transportation and installation.

Pipe applicable for open-trench and slip-lining installation.

FEATURES

Resistant to corrosive chemicals, aggressive soils and is impervious to bacteria and fungus.

Great flexibility, and highly suitable for earthquake-prone areas.

Resistant to slow crack growth and rapid crack propagation.



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PRESSURE-RATED GAS DISTRIBUTION PIPE



SUBMITTAL AND DATA SHEET

IPS HDPE GAS DISTRIBUTION PIPE

PIPE SIZE (IN)	AVG. O.D. (IN)	MIN. T. (IN)	WGT. (LBS/FT)	MIN. T. (IN)	WGT. (LBS/FT)	MIN. T. (IN)	WGT. (LBS/FT)	MIN. T. (IN)	WGT. (LBS/FT)	MIN. T. (IN)	WGT. (LBS/FT)	MIN. T. (IN)	WGT. (LBS/FT)	MIN. T. (IN)	WGT. (LBS/FT)	MIN. T. (IN)	WGT. (LBS/FT)
		SDR 9		SDR 11		SDR 11.5		SDR 13.5		SDR 17		SDR 21		SDR 26		SDR 32.5	
½	0.840	0.093	0.09	0.076	0.07	—	—	—	—	—	—	—	—	—	—	—	—
¾	1.050	0.117	0.14	0.095	0.12	—	—	—	—	—	—	—	—	—	—	—	—
1	1.315	0.146	0.23	0.120	0.19	—	—	0.097	0.16	—	—	—	—	—	—	—	—
1¼	1.660	0.184	0.37	0.151	0.31	—	—	0.123	0.26	0.098	0.21	—	—	—	—	—	—
1½	1.900	0.211	0.48	0.173	0.41	—	—	0.141	0.34	0.112	0.27	—	—	—	—	—	—
2	2.375	0.264	0.76	0.216	0.64	—	—	0.176	0.53	0.140	0.43	0.113	0.35	—	—	—	—
3	3.500	0.389	1.66	0.318	1.39	0.304	1.33	0.259	1.15	0.206	0.93	0.167	0.76	—	—	—	—
4	4.500	0.500	2.74	0.409	2.30	0.391	2.21	0.333	1.91	0.265	1.54	0.214	1.26	—	—	—	—
5	5.563	0.618	4.19	0.506	3.52	—	—	0.412	2.92	0.327	2.36	0.265	1.93	—	—	—	—
6	6.625	0.736	5.95	0.602	4.98	0.576	4.79	0.491	4.14	0.390	3.35	0.315	2.74	0.255	2.24	0.204	1.80
8	8.625	0.958	10.09	0.784	8.45	0.750	8.13	0.639	7.03	0.507	5.67	0.411	4.65	0.332	3.80	0.265	3.06
10	10.750	1.194	15.67	0.977	13.14	0.935	12.63	0.796	10.91	0.632	8.82	0.512	7.23	0.413	5.89	0.331	4.76
12	12.750	1.417	22.06	1.159	18.48	1.109	17.77	0.944	15.35	0.750	12.41	0.607	10.17	0.490	8.29	0.392	6.69
14	14.000	1.556	26.60	1.273	22.29	1.217	21.41	1.037	18.52	0.824	14.97	0.667	12.27	0.538	10.00	0.431	8.08
16	16.000	1.778	34.74	1.455	29.12	1.391	27.97	1.185	24.18	0.941	19.54	0.762	16.02	0.615	13.06	0.492	10.54
18	18.000	2.000	43.97	1.636	36.84	1.565	35.40	1.333	30.61	1.059	24.74	0.857	20.27	0.692	16.54	0.554	13.35
20	20.000	2.222	54.28	1.818	45.48	1.739	43.71	1.481	37.78	1.176	30.53	0.952	25.03	0.769	20.42	0.615	16.47
22	22.000	2.444	65.67	2.000	55.04	1.913	52.89	1.630	45.74	1.294	36.95	1.048	30.30	0.846	24.71	0.677	19.94
24	24.000	2.667	78.17	2.182	65.51	2.087	62.95	1.778	54.43	1.412	43.99	1.143	36.06	0.923	29.41	0.738	23.72

CTS HDPE GAS DISTRIBUTION PIPE

PIPE SIZE (IN)	AVG. O.D. (IN)	MIN. T. (IN)	WGT. (LBS/FT)
½	0.625	0.090	.065
1	1.125	0.090	.123
1	1.125	0.099	.139

Product Standard: ASTM D2513

Pipe Compound: ASTM D3350 PPI PE 4710 *(Virgin Material Only)*

Nominal Laying Length: Coil (6" and below), 40/50 feet (2" and above)

(Laying length tolerances are in accordance with ASTM standards)

Installation: JM Eagle™ Polyethylene Black HDPE Gas Pipe Installation Guide

