



The Pipe Solution of the Future



Worker 1: High-visibility yellow jacket with reflective stripes, yellow hard hat, safety glasses, and dark work pants.

Worker 2: High-visibility yellow and blue jacket, yellow hard hat, safety glasses, and dark work pants.

DN 710
PN-11
100m
#4

DN 710
PN-11
100m
#2

DN 710
PN-11
100m
#3

DN 710
PN-11
100m
#4

DN 710
PN-11
100m
#6





A Seamless Solution

Established in Australia in 1972 Tubi offers over 40 years experience in plastic pipe manufacturing.

Today as a global HDPE pipe manufacturer, Tubi combines its wealth of experience with innovatory technology to provide cutting-edge pipe solutions for any market, anywhere in the world.

A multidisciplinary company we invest in our clients' future by generating a heightened level of work safety with minimal environmental impact.

Sectors

Tubi delivers a cost competitive solution across a broad spectrum of markets.

We combine the ability to supply 'pellet to row' (manufacturing to HDPE pipe) ready for installation within a highly secure delivery system.

Our clients include:

- Gas
 - Utility
 - LNG and shale (upstream and downstream)
- Water
 - Utility potable and non-potable
 - LNG and shale
 - Mining
 - Slurry lines, water and corrosive materials
- Power and Communication
- HDD and Pipe Bursting – Pipe relining projects are one of our specialties
- Irrigation





Capabilities

A world leader in delivering large-diameter HDPE pipe to metropolitan utility projects and extreme locations.

As a global manufacturer of unparalleled large-diameter HDPE pipe we offer:

- A patented mobile extrusion HDPE pipe plant to optimise installation location and reduce project duration, labour and expense
- Standard and customised large-diameter HDPE pipe for a range of applications in almost any diameter and SDR as per our clients' demands
- Large diameter long pipe reeling capabilities that deliver pipe in unprecedented diameters ranging between 90mm and 315m
- A large pipe drum handling transport system that provides an unrestricted, economical transport solution for complete project utilization

Tubi is renowned for providing HDPE pipe solutions for clients, from metropolitan plans through to difficult projects that require pipes for extreme applications.

Products and services:

Large-scale remote projects

A seamless pipe delivery system welded and ready for installation for remote projects.

Metropolitan projects

An effective transport solution with the ability to supply large diameter pipe throughout metropolitan cities.

Challenging projects

Patented technology for myriad pipe applications with mobility that allows set-up within 48 hours in extreme environments.

Distribution

Enjoy the benefit of being a manufacturer minus the expense, as Tubi delivers the manufacturing technology to your nominated distribution site.

Hire

Hire or rent a full range of Tubi equipment: drums, stringing trailers and mobile extrusion plants.





IPS Size and Dimension Data

Pressure Ratings are calculated using 0.63 design factor for HDS at 73°F (22.8 °C) as listed in PPI TR-4 for PE 4710 materials.
Temperature, Chemical and Environmental use considerations may require use of additional design factors.

Pressure Rating				DR 5 500 psi 3.44 Mpa						DR 6 400 psi 2.75 Mpa					
IPS Pipe size		Nominal OD		Minimum wall		Average ID		Weight		Minimum wall		Average ID		Weight	
(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)
1 1/4	31.8	1.660	42.2	0.332	8.4	0.956	24.3	0.60	0.90	0.277	7.0	1.073	27.3	0.52	0.78
1 1/2	38.1	1.900	48.3	0.380	9.7	1.094	27.8	0.79	1.17	0.317	8.0	1.229	31.2	0.69	1.02
2	50.8	2.375	60.3	0.475	12.1	1.368	34.7	1.23	1.83	0.396	10.1	1.536	39.0	1.07	1.60
3	76.2	3.500	88.9	0.700	17.8	2.016	51.2	2.68	3.98	0.583	14.8	2.263	57.5	2.33	3.47
4	101.6	4.500	114.3	0.900	22.9	2.592	65.8	4.42	6.58	0.750	19.1	2.910	73.9	3.85	5.73
6	152.4	6.625	168.3	1.325	33.7	3.816	96.9	9.59	14.27	1.104	28.0	4.284	108.8	8.35	12.42
8	203.2	8.625	219.1	1.725	43.8	4.968	126.2	16.25	24.18	1.438	36.5	5.578	141.7	14.15	21.05
10	254.0	10.750	273.1	2.150	54.6	6.192	157.3	25.24	37.56	1.792	45.5	6.952	176.6	21.98	32.71
12	304.8	12.750	323.9	2.550	64.8	7.344	186.5	35.51	52.84	2.125	54.0	8.245	209.4	30.92	46.01
14	355.6	14.000	355.6	2.800	71.1	8.064	204.8	42.81	63.71	2.333	59.3	9.053	230.0	37.28	55.47
16	406.4	16.000	406.4	3.200	81.3	9.216	234.1	55.92	83.21	2.667	67.7	10.347	262.8	48.69	72.45
18	457.2	18.000	457.2	3.600	91.4	10.368	263.3	70.77	105.32	3.000	76.2	11.640	295.7	61.62	91.70
20	508.0	20.000	508.0							3.333	84.7	12.933	328.5	76.07	113.21
22	558.8	22.000	558.8							3.667	93.1	14.227	361.4	92.05	136.98
24	609.6	24.000	609.6												
26	660.4	26.000	660.4												
28	711.2	28.000	711.2												
30	762.0	30.000	762.0												
32	812.8	32.000	812.8												
34	863.6	34.000	863.6												
36	914.4	36.000	914.4												
42	1066.8	42.000	1066.8												
48	1219.2	48.000	1219.2												
54	1371.6	54.000	1371.6												

Pressure Rating				DR 6.3 377 psi 2.59 Mpa						DR 7 333 psi 2.29 Mpa					
IPS Pipe size		Nominal OD		Minimum wall		Average ID		Weight		Minimum wall		Average ID		Weight	
(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)
1 1/4	31.8	1.660	42.2	0.263	6.7	1.101	28.0	0.50	0.75	0.237	6.0	1.157	29.4	0.46	0.69
1 1/2	38.1	1.900	48.3	0.302	7.7	1.261	32.0	0.66	0.98	0.271	6.9	1.325	33.6	0.61	0.90
2	50.8	2.375	60.3	0.377	9.6	1.576	40.0	1.03	1.54	0.339	8.6	1.656	42.1	0.95	1.41
3	76.2	3.500	88.9	0.556	14.1	2.322	59.0	2.24	3.34	0.500	12.7	2.440	62.0	2.06	3.06
4	101.6	4.500	114.3	0.714	18.1	2.986	75.8	3.71	5.51	0.643	16.3	3.137	79.7	3.40	5.06
6	152.4	6.625	168.3	1.052	26.7	4.396	111.6	8.03	11.95	0.946	24.0	4.619	117.3	7.37	10.97
8	203.2	8.625	219.1	1.369	34.8	5.723	145.4	13.61	20.26	1.232	31.3	6.013	152.7	12.50	18.60
10	254.0	10.750	273.1	1.706	43.3	7.133	181.2	21.15	31.47	1.536	39.0	7.494	190.4	19.42	28.89
12	304.8	12.750	323.9	2.024	51.4	8.460	214.9	29.74	44.27	1.821	46.3	8.889	225.8	27.31	40.64
14	355.6	14.000	355.6	2.222	56.4	9.289	235.9	35.86	53.37	2.000	50.8	9.760	247.9	32.93	49.00
16	406.4	16.000	406.4	2.540	64.5	10.616	269.6	46.84	69.71	2.286	58.1	11.154	283.3	43.01	64.01
18	457.2	18.000	457.2	2.857	72.6	11.943	303.3	59.28	88.22	2.571	65.3	12.549	318.7	54.43	81.01
20	508.0	20.000	508.0	3.175	80.6	13.270	337.1	73.19	108.92	2.857	72.6	13.943	354.1	67.20	100.01
22	558.8	22.000	558.8	3.492	88.7	14.597	370.8	88.56	131.79	3.143	79.8	15.337	389.6	81.32	121.01
24	609.6	24.000	609.6	3.810	96.8	15.924	404.5	105.39	156.84	3.429	87.1	16.731	425.0	96.77	144.01
26	660.4	26.000	660.4							3.714	94.3	18.126	460.4	113.57	169.02
28	711.2	28.000	711.2												
30	762.0	30.000	762.0												
32	812.8	32.000	812.8												
34	863.6	34.000	863.6												
36	914.4	36.000	914.4												
42	1066.8	42.000	1066.8												
48	1219.2	48.000	1219.2												
54	1371.6	54.000	1371.6												

Units conversion - Pressure: 1 psi = 0.006894757 Mpa; Diameter: 1 inch = 25.4 mm; Weight: 1 lbs/ft = 1.488164 kg/m

Pipe weights are calculated in accordance with PPI TR-7. Average inside diameter is calculated using nominal OD and Minimum wall plus 6% for use in estimating fluid flows. Actual ID will vary. When designing components to fit the pipe ID, refer to pipe dimension and tolerances in the applicable pipe manufacturing specification.

IPS Size and Dimension Data

Pressure Ratings are calculated using 0.63 design factor for HDS at 73°F (22.8 °C) as listed in PPI TR-4 for PE 4710 materials.
Temperature, Chemical and Environmental use considerations may require use of additional design factors.

Pressure Rating				DR 7.3 317 psi 2.19 Mpa						DR 9.0 250 psi 1.72 Mpa					
IPS Pipe size		Nominal OD		Minimum wall		Average ID		Weight		Minimum wall		Average ID		Weight	
(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)
1 1/4	31.8	1.660	42.2	0.227	5.8	1.178	29.9	0.45	0.67	0.184	4.7	1.269	32.2	0.37	0.56
1 1/2	38.1	1.900	48.3	0.260	6.6	1.348	34.2	0.59	0.87	0.211	5.4	1.452	36.9	0.49	0.73
2	50.8	2.375	60.3	0.325	8.3	1.685	42.8	0.92	1.36	0.264	6.7	1.816	46.1	0.77	1.14
3	76.2	3.500	88.9	0.479	12.2	2.484	63.1	1.99	2.96	0.389	9.9	2.676	68.0	1.66	2.48
4	101.6	4.500	114.3	0.616	15.7	3.193	81.1	3.29	4.89	0.500	12.7	3.440	87.4	2.75	4.09
6	152.4	6.625	168.3	0.908	23.1	4.701	119.4	7.12	10.60	0.736	18.7	5.064	128.6	5.96	8.87
8	203.2	8.625	219.1	1.182	30.0	6.120	155.5	12.07	17.97	0.958	24.3	6.593	167.5	10.11	15.04
10	254.0	10.750	273.1	1.473	37.4	7.628	193.8	18.75	27.91	1.194	30.3	8.218	208.7	15.70	23.36
12	304.8	12.750	323.9	1.747	44.4	9.047	229.8	26.38	39.26	1.417	36.0	9.747	247.6	22.08	32.87
14	355.6	14.000	355.6	1.918	48.7	9.934	252.3	31.81	47.34	1.556	39.5	10.702	271.8	26.63	39.63
16	406.4	16.000	406.4	2.192	55.7	11.353	288.4	41.55	61.83	1.778	45.2	12.231	310.7	34.78	51.76
18	457.2	18.000	457.2	2.466	62.6	12.773	324.4	52.58	78.25	2.000	50.8	13.760	349.5	44.02	65.50
20	508.0	20.000	508.0	2.740	69.6	14.192	360.5	64.91	96.60	2.222	56.4	15.289	388.3	54.34	80.87
22	558.8	22.000	558.8	3.014	76.5	15.611	396.5	78.55	116.89	2.444	62.1	16.818	427.2	65.75	97.85
24	609.6	24.000	609.6	3.288	83.5	17.030	432.6	93.48	139.11	2.667	67.7	18.347	466.0	78.25	116.45
26	660.4	26.000	660.4							2.889	73.4	19.876	504.8	91.84	136.67
28	711.2	28.000	711.2							3.111	79.0	21.404	543.7	106.51	158.51
30	762.0	30.000	762.0							3.333	84.7	22.933	582.5	122.27	181.96
32	812.8	32.000	812.8							3.556	90.6	24.462	621.3	139.13	207.03
34	863.6	34.000	863.6							3.778	96.0	25.991	660.2	157.05	233.71
36	914.4	36.000	914.4							4.000	101.6	27.520	699.0	176.07	262.02
42	1066.8	42.000	1066.8												
48	1219.2	48.000	1219.2												
54	1371.6	54.000	1371.6												

Pressure Rating				DR 11.0 200 psi 1.38 Mpa						DR 13.5 160 psi 1.10 Mpa					
IPS Pipe size		Nominal OD		Minimum wall		Average ID		Weight		Minimum wall		Average ID		Weight	
(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)
1 1/4	31.8	1.660	42.2	0.151	3.8	1.340	34.0	0.31	0.47	0.123	3.1	1.399	35.5	0.26	0.39
1 1/2	38.1	1.900	48.3	0.173	4.4	1.534	39.0	0.41	0.61	0.141	3.6	1.602	40.7	0.34	0.51
2	50.8	2.375	60.3	0.216	5.5	1.917	48.7	0.64	0.96	0.176	4.5	2.002	50.9	0.53	0.79
3	76.2	3.500	88.9	0.318	8.1	2.825	71.8	1.39	2.08	0.259	6.6	2.950	74.9	1.16	1.72
4	101.6	4.500	114.3	0.409	10.4	3.633	92.3	2.31	3.43	0.333	8.5	3.793	96.4	1.92	2.85
6	152.4	6.625	168.3	0.602	15.3	5.348									

IPS Size and Dimension Data

Pressure Ratings are calculated using 0.63 design factor for HDS at 73°F (22.8 o°) as listed in PPI TR-4 for PE 4710 materials.
Temperature, Chemical and Environmental use considerations may require use of additional design factors.

Pressure Rating				DR 17.0 125 psi 0.86 Mpa						DR 21.0 100 psi 0.69 Mpa					
IPS Pipe size		Nominal OD		Minimum wall		Average ID		Weight		Minimum wall		Average ID		Weight	
(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)
1 1/4	31.8	1.660	42.2												
1 1/2	38.1	1.900	48.3												
2	50.8	2.375	60.3	0.140	3.5	2.079	52.8	0.43	0.64						
3	76.2	3.500	88.9	0.206	5.2	3.064	77.8	0.94	1.39	0.167	4.2	3.147	79.9	0.77	1.14
4	101.6	4.500	114.3	0.265	6.7	3.939	100.0	1.55	2.30	0.214	5.4	4.046	102.8	1.27	1.89
6	152.4	6.625	168.3	0.390	9.9	5.799	147.3	3.36	4.99	0.315	8.0	5.956	151.3	2.75	4.09
8	203.2	8.625	219.1	0.507	12.9	7.549	191.8	5.69	8.46	0.411	10.4	7.754	197.0	4.66	6.94
10	254.0	10.750	273.1	0.632	16.1	9.409	239.0	8.83	13.15	0.512	13.0	9.665	245.5	7.24	10.78
12	304.8	12.750	323.9	0.750	19.1	11.160	283.5	12.43	18.49	0.607	15.4	11.463	291.2	10.19	15.16
14	355.6	14.000	355.6	0.824	20.9	12.254	311.3	14.98	22.30	0.667	16.9	12.587	319.7	12.28	18.28
16	406.4	16.000	406.4	0.941	23.9	14.005	355.7	19.57	29.12	0.762	19.4	14.385	365.4	16.04	23.87
18	457.2	18.000	457.2	1.059	26.9	15.755	400.2	24.77	36.86	0.857	21.8	16.183	411.0	20.30	30.22
20	508.0	20.000	508.0	1.176	29.9	17.506	444.6	30.58	45.50	0.952	24.2	17.981	456.7	25.07	37.30
22	558.8	22.000	558.8	1.294	32.9	19.256	489.1	37.00	55.06	1.048	26.6	19.779	502.4	30.33	45.14
24	609.6	24.000	609.6	1.412	35.9	21.007	533.6	44.03	65.52	1.143	29.0	21.577	548.1	36.10	53.72
26	660.4	26.000	660.4	1.529	38.8	22.758	578.0	51.67	76.90	1.238	31.4	23.375	593.7	42.36	63.04
28	711.2	28.000	711.2	1.647	41.8	24.508	622.5	59.93	89.19	1.333	33.9	25.173	639.4	49.13	73.11
30	762.0	30.000	762.0	1.765	44.8	26.259	667.0	68.80	102.38	1.429	36.3	26.971	685.1	56.40	83.93
32	812.8	32.000	812.8	1.882	47.8	28.009	711.4	78.28	116.49	1.524	38.7	28.770	730.7	64.17	95.49
34	863.6	34.000	863.6	2.000	50.8	29.760	755.9	88.37	131.50	1.619	41.1	30.568	776.4	72.44	107.80
36	914.4	36.000	914.4	2.118	53.8	31.511	800.4	99.07	147.43	1.714	43.5	32.366	822.1	81.21	120.86
42	1066.8	42.000	1066.8	2.471	62.8	36.762	933.8	134.84	200.67	2.000	50.8	37.760	959.1	110.54	164.50
48	1219.2	48.000	1219.2	2.824	71.7	42.014	1067.2	176.12	262.10	2.286	58.1	43.154	1096.1	144.38	214.86
54	1371.6	54.000	1371.6	3.176	80.7	47.266	1200.6	222.90	331.72	2.571	65.3	48.549	1233.1	182.73	271.94

Pressure Rating				DR 26 80 psi 0.55 Mpa						DR 32.5 63 psi 0.43 Mpa					
IPS Pipe size		Nominal OD		Minimum wall		Average ID		Weight		Minimum wall		Average ID		Weight	
(in)	(mm)	(in)	(mm)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)	(in)	(mm)	(in)	(mm)	(lbs/ft)	(kg/m)
1 1/4	31.8	1.660	42.2												
1 1/2	38.1	1.900	48.3												
2	50.8	2.375	60.3												
3	76.2	3.500	88.9												
4	101.6	4.500	114.3	0.214	5.4	4.046	102.8	1.27	1.89	0.138	3.5	4.206	106.8	0.84	1.24
6	152.4	6.625	168.3	0.315	8.0	5.956	151.3	2.75	4.09	0.204	5.2	6.193	157.3	1.81	2.69
8	203.2	8.625	219.1	0.411	10.4	7.754	197.0	4.66	6.94	0.265	6.7	8.062	204.8	3.07	4.57
10	254.0	10.750	273.1	0.512	13.0	9.665	245.5	7.24	10.78	0.331	8.4	10.049	255.2	4.77	7.09
12	304.8	12.750	323.9	0.607	15.4	11.463	291.2	10.19	15.16	0.392	10.0	11.918	302.7	6.71	9.98
14	355.6	14.000	355.6	0.667	16.9	12.587	319.7	12.28	18.28	0.431	10.9	13.087	332.4	8.09	12.03
16	406.4	16.000	406.4	0.762	19.4	14.385	365.4	16.04	23.87	0.492	12.5	14.956	379.9	10.56	15.72
18	457.2	18.000	457.2	0.857	21.8	16.183	411.0	20.30	30.22	0.554	14.1	16.826	427.4	13.37	19.89
20	508.0	20.000	508.0	0.952	24.2	17.981	456.7	25.07	37.30	0.615	15.6	18.695	474.9	16.50	24.56
22	558.8	22.000	558.8	1.048	26.6	19.779	502.4	30.33	45.14	0.677	17.2	20.565	522.3	19.97	29.71
24	609.6	24.000	609.6	1.143	29.0	21.577	548.1	36.10	53.72	0.738	18.8	22.434	569.8	23.76	35.36
26	660.4	26.000	660.4	1.238	31.4	23.375	593.7	42.36	63.04	0.800	20.3	24.304	617.3	27.89	41.50
28	711.2	28.000	711.2	1.333	33.9	25.173	639.4	49.13	73.11	0.862	21.9	26.174	664.8	32.34	48.13
30	762.0	30.000	762.0	1.429	36.3	26.971	685.1	56.40	83.93	0.923	23.4	28.043	712.3	37.13	55.25
32	812.8	32.000	812.8	1.524	38.7	28.770	730.7	64.17	95.49	0.985	25.0	29.913	759.8	42.24	62.86
34	863.6	34.000	863.6	1.619	41.1	30.568	776.4	72.44	107.80	1.046	26.6	31.782	807.3	47.69	70.97
36	914.4	36.000	914.4	1.714	43.5	32.366	822.1	81.21	120.86	1.108	28.1	33.652	854.8	53.46	79.56
42	1066.8	42.000	1066.8	2.000	50.8	37.760	959.1	110.54	164.50	1.292	32.8	39.260	997.2	72.77	108.29
48	1219.2	48.000	1219.2	2.286	58.1	43.154	1096.1	144.38	214.86	1.477	37.5	44.869	1139.7	95.05	141.45
54	1371.6	54.000	1371.6	2.571	65.3	48.549	1233.1	182.73	271.94	1.662	42.2	50.478	1282.1	120.29	179.02

Units conversion - Pressure: 1 psi = 0.006894757 Mpa; Diameter: 1 inch = 25.4 mm; Weight: 1 lbs/ft = 1.488164 kg/m

Pipe weights are calculated in accordance with PPI TR-7. Average inside diameter is calculated using nominal OD and Minimum wall plus 6% for use in estimating fluid flows. Actual ID will vary. When designing components to fit the pipe ID, refer to pipe dimension and tolerances in the applicable pipe manufacturing specification.



