

PE PRESSURE PIPE SPECIFICATION ACCORDING TO AS/NZS 4130



SDR	41			33			26			21			17			13.6			11			9			SDR
PN for PE80	3.2			4			-			6.3			8			10			12.5			16			PN for PE80
PN for PE100	4			-			6.3			8			10			12.5			16			20			PN for PE100
DN	Min Wall	Mean ID	Ave Mass	Min Wall	Mean ID	Ave Mass	Min Wall	Mean ID	Ave Mass	Min Wall	Mean ID	Ave Mass	Min Wall	Mean ID	Ave Mass	Min Wall	Mean ID	Ave Mass	Min Wall	Mean ID	Ave Mass	Min Wall	Mean ID	Ave Mass	DN
16																			1.60	12.65	0.0764	1.80	12.25	0.0839	16
20																1.60	16.65	0.0976	1.90	16.05	0.1125	2.30	15.15	0.1337	20
25													1.60	21.65	0.1241	1.90	21.05	0.1435	2.30	20.15	0.1716	2.80	19.15	0.2014	25
32										1.60	28.65	0.1600	1.90	28.05	0.1870	2.40	26.95	0.2329	2.90	25.95	0.2730	3.60	24.45	0.3303	32
40										1.90	36.10	0.2400	2.40	35.00	0.2963	3.00	33.80	0.3589	3.70	32.30	0.4340	4.50	30.60	0.5150	40
50										2.40	45.05	0.3800	3.00	43.85	0.4564	3.70	42.35	0.5543	4.60	40.45	0.6736	5.60	38.35	0.7990	50
63							2.40	58.10	0.4784	3.00	56.90	0.5800	3.80	55.20	0.7274	4.70	53.30	0.8836	5.80	51.00	1.0654	7.10	48.20	1.2758	63
75				2.30	70.35	0.5500	2.90	69.15	0.6789	3.60	67.65	0.8300	4.50	65.75	1.0265	5.50	63.65	1.2324	6.80	60.95	1.4873	8.40	57.55	1.7926	75
90				2.80	84.45	0.7900	3.50	82.95	0.9855	4.30	81.25	1.2000	5.40	78.95	1.4762	6.60	76.45	1.7706	8.20	73.05	2.1558	10.10	69.05	2.5865	90
110	2.70	104.70	0.9458	3.40	103.20	1.1700	4.30	101.30	1.4766	5.30	99.20	1.8000	6.60	96.50	2.1960	8.10	93.30	2.6563	10.00	89.40	3.1962	12.30	84.50	3.8419	110
125	3.10	118.90	1.2414	3.90	117.30	1.5200	4.80	115.40	1.8628	6.00	112.90	2.3000	7.40	109.90	2.8018	9.20	106.10	3.4238	11.40	101.50	4.1474	14.00	96.10	4.9560	125
140	3.50	133.15	1.5561	4.30	131.45	1.8800	5.40	129.15	2.3512	6.70	126.45	2.8700	8.30	123.05	3.5169	10.30	118.85	4.2868	12.70	113.85	5.1685	15.70	107.55	6.2255	140
160	4.00	152.25	2.0161	4.90	150.35	2.4300	6.20	147.55	3.0838	7.70	144.45	3.7700	9.50	140.65	4.5707	11.80	135.85	5.5964	14.60	129.95	6.7848	17.90	123.05	8.1077	160
180	4.40	171.45	2.5095	5.50	169.15	3.0800	6.90	166.25	3.8402	8.60	162.65	4.7400	10.70	158.25	5.8074	13.30	152.75	7.1035	16.40	146.25	8.5763	20.10	138.45	10.2590	180
200	4.90	190.50	3.0846	6.20	187.70	3.8500	7.70	184.60	4.7616	9.60	180.60	5.8700	11.90	175.80	7.1649	14.70	169.90	8.7105	18.20	162.50	10.5745	22.40	153.70	12.6830	200
225	5.50	214.35	3.9046	6.90	211.45	4.8000	8.60	207.85	5.9842	10.80	203.25	7.4200	13.40	197.75	9.0884	16.60	191.05	11.0624	20.50	182.85	13.3858	25.10	173.15	16.0025	225
250	6.20	237.95	4.8923	7.70	234.85	5.9500	9.60	230.85	7.4146	11.90	226.05	9.0800	14.80	219.95	11.1381	18.40	212.35	13.6277	22.70	203.35	16.4628	27.90	192.45	19.7320	250
280	6.90	266.70	6.0628	8.60	263.10	7.4500	10.70	258.70	9.2479	13.40	253.00	11.4600	16.60	246.30	13.9931	20.60	237.90	17.0752	25.40	227.80	20.6395	31.30	215.40	24.8040	280
315	7.70	300.15	7.6161	9.70	295.95	9.4300	12.10	290.85	11.7811	15.00	284.85	14.4000	18.70	277.05	17.7198	23.20	267.55	21.6403	28.60	256.25	26.1256	35.20	242.35	31.3774	315
355	8.70	338.20	9.6877	10.90	333.60	11.9300	13.60	327.90	14.8867	16.90	321.00	18.2800	21.10	312.10	22.5493	26.10	301.60	27.4323	32.20	288.80	33.1589	39.60	273.30	39.7611	355
400	9.80	381.10	12.2806	12.30	375.80	15.1900	15.30	369.50	18.8785	19.10	361.50	23.3100	23.70	351.90	28.4998	29.40	339.90	34.7905	36.30	325.40	42.1007	44.70	307.80	50.5456	400
450	11.00	428.85	15.4866	13.80	422.95	19.1300	17.20	415.75	23.8709	21.50	406.75	29.4800	26.70	395.85	36.1096	33.10	382.35	44.0706	40.90	366.05	53.3147	50.20	346.45	63.8971	450
500	12.30	476.25	19.2786	15.30	469.95	23.6000	19.10	461.95	29.4452	23.90	451.95	36.3700	29.60	439.95	44.4809	26.80	424.85	54.3763	45.40	406.75	65.7823	55.80	384.95	78.8609	500
560	13.70	533.60	24.0044	17.20	526.20	29.7000	21.40	517.40	36.9064	26.70	506.30	45.5200	33.20	492.60	55.8873	41.20	475.80	68.2156	50.80	455.70	82.4036				560
630	15.40	600.35	30.3710	19.30	592.15	37.4700	24.10	582.05	46.7677	30.00	569.75	57.5000	37.30	554.35	70.6213	46.30	535.45	86.2294	57.20	512.55	104.4155				630
710	17.40	676.50	38.6482	21.80	667.30	47.6200	27.20	655.90	59.4473	33.90	641.90	73.2200	42.10	624.60	89.8187	52.20	603.40	109.5464							710
800	19.60	762.30	49.0068	24.50	752.00	60.3200	30.60	739.20	75.2900	38.10	723.40	92.8000	47.40	703.90	113.8923	58.80	680.00	138.9560							800
900	22.00	857.75	61.8130	27.60	845.95	76.4100	34.40	831.65	95.2259	42.90	813.85	117.4200	53.50	791.55	144.5500										900
1000	24.50	952.90	76.5370	30.60	940.10	94.1100	38.20	924.10	117.5006	47.70	904.20	145.0700	59.30	879.80	178.0568										1000

NOTE: 1) All dimensions are in millimetres, and mass in kg/m. 2) Nominal Diameter (DN) equals outside diameter.