



ACP
AUSTRALIAN CUSTOM PIPES

PLASTIC PIPE • FABRICATION • MOULDING SPECIALIST

PE100 Series 1 AS/NZS4130:2018 Pipe

DESCRIPTION: PE100 Series 1 AS/NZS4130:2018 Polyethylene Pipe

COLOUR: Standard Black or with Stripes or Jacket as agreed with customer

PIPE DIMENSIONS:

Nominal Outside Diameter (DN)	Mean Outside Diameter (Dm)		Ovality	SDR41 (PN4)			SDR26 (PN6.3)			SDR21 (PN8)		
				Wall Thickness (T)		Nominal Weight (kg/100m)	Wall Thickness (T)		Nominal Weight (kg/100m)	Wall Thickness (T)		Nominal Weight (kg/100m)
				Min	Max		Min	Max		Min	Max	
16	16.0	16.3	1.2	-	-	-	-	-	-	-	-	-
20	20.0	20.3	1.2	-	-	-	-	-	-	-	-	-
25	25.0	25.3	1.2	-	-	-	-	-	-	-	-	-
32	32.0	32.3	1.3	-	-	-	-	-	-	1.6	1.9	16.0
40	40.0	40.4	1.4	-	-	-	-	-	-	1.9	2.2	23.6
50	50.0	50.5	1.4	-	-	-	-	-	-	2.4	2.8	37.4
63	63.0	63.6	1.5	-	-	-	2.4	2.8	47.6	3.0	3.4	58.0
75	75.0	75.7	1.6	-	-	-	2.9	3.3	67.5	3.6	4.1	83.0
90	90.0	90.9	1.8	-	-	-	3.5	4.0	98.1	4.3	4.9	119.1
110	110.0	111.0	2.2	2.7	3.1	94.1	4.3	4.9	146.9	5.3	6.0	178.7
125	125.0	126.2	2.5	3.1	3.6	123.5	4.8	5.4	185.3	6.0	6.7	228.4
140	140.0	141.3	2.8	3.5	4.0	154.8	5.4	6.1	233.9	6.7	7.5	286.0
160	160.0	161.5	3.2	4.0	4.5	200.6	6.2	7.0	306.8	7.7	8.6	375.1
180	180.0	181.7	3.6	4.4	5.0	249.7	6.9	7.7	382.1	8.6	9.6	471.4
200	200.0	201.8	4.0	4.9	5.5	306.9	7.7	8.6	473.8	9.6	10.7	583.9
225	225.0	227.1	4.5	5.5	6.2	388.7	8.6	9.6	595.7	10.8	12.0	738.3
250	250.0	252.3	5.0	6.2	7.0	487.0	9.6	10.7	738.0	11.9	13.2	903.5
280	280.0	282.6	5.8	6.9	7.7	603.5	10.7	11.9	920.5	13.4	14.9	1140.5
315	315.0	317.9	6.6	7.7	8.6	758.1	12.1	13.5	1172.7	15.0	16.6	1433.2
355	355.0	358.2	7.5	8.7	9.7	964.2	13.6	15.1	1481.7	16.9	18.7	1819.5
400	400.0	403.6	8.4	9.8	10.9	1222.3	15.3	17.0	1879.1	19.1	21.2	2320.2
450	450.0	454.1	9.5	11.0	12.2	1541.4	17.2	19.1	2376.0	21.5	23.8	2934.4
500	500.0	504.5	10.6	12.3	13.7	1918.8	19.1	21.2	2930.8	23.9	26.4	3620.2
560	560.0	565.0	12.0	13.7	15.2	2389.1	21.4	23.7	3673.4	26.7	29.5	4530.6
630	630.0	635.7	13.6	15.4	17.1	3022.8	24.1	26.7	4655.0	30.0	33.1	5723.6
710	710.0	716.4	15.2	17.4	19.3	3846.6	27.2	30.1	5917.0	33.9	37.4	7287.5

- All dimensions in mm unless specified;
- Pipe weights based on Black pipe;

Nominal Outside Diameter (DN)	Mean Outside Diameter (Dm)		Ovality	SDR17 (PN10)			SDR13.6 (PN12.5)			SDR11 (PN16)		
				Wall Thickness (T)		Nominal Weight (kg/100m)	Wall Thickness (T)		Nominal Weight (kg/100m)	Wall Thickness (T)		Nominal Weight (kg/100m)
				Min	Max		Min	Max		Min	Max	
16	16.0	16.3	1.2	-	-	-	-	-	-	1.6	1.9	7.6
20	20.0	20.3	1.2	-	-	-	1.6	1.9	9.7	1.9	2.2	11.2
25	25.0	25.3	1.2	1.6	1.9	12.4	1.9	2.2	14.3	2.3	2.7	17.1
32	32.0	32.3	1.3	1.9	2.2	18.6	2.4	2.8	23.2	2.9	3.3	27.2
40	40.0	40.4	1.4	2.4	2.8	29.5	3.0	3.4	35.7	3.7	4.2	43.2
50	50.0	50.5	1.4	3.0	3.4	45.4	3.7	4.2	55.2	4.6	5.2	67.0
63	63.0	63.6	1.5	3.8	4.3	72.4	4.7	5.3	87.9	5.8	6.5	106.0
75	75.0	75.7	1.6	4.5	5.1	102.1	5.5	6.2	122.6	6.8	7.6	148.0
90	90.0	90.9	1.8	5.4	6.1	146.9	6.6	7.4	176.2	8.2	9.2	214.5
110	110.0	111.0	2.2	6.6	7.4	218.5	8.1	9.1	264.3	10.0	11.1	318.0
125	125.0	126.2	2.5	7.4	8.3	278.8	9.2	10.3	340.7	11.4	12.7	412.7
140	140.0	141.3	2.8	8.3	9.3	349.9	10.3	11.5	426.5	12.7	14.1	514.3
160	160.0	161.5	3.2	9.5	10.6	456.8	11.8	13.1	556.8	14.6	16.2	675.1



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PE100 Series 1 AS/NZS4130:2018 Pipe

PIPE DIMENSIONS (cont.):

Nominal Outside Diameter (DN)	Mean Outside Diameter (Dm)		Ovality	SDR17 (PN10)			SDR13.6 (PN12.5)			SDR11 (PN16)		
				Wall Thickness (T)		Nominal Weight (kg/100m)	Wall Thickness (T)		Nominal Weight (kg/100m)	Wall Thickness (T)		Nominal Weight (kg/100m)
				Min	Max		Min	Max		Min	Max	
180	180.0	181.7	3.6	10.7	11.9	577.8	13.3	14.8	706.8	16.4	18.2	853.3
200	200.0	201.8	4.0	11.9	13.2	712.9	14.7	16.3	866.7	18.2	20.2	1052.1
225	225	227.1	4.5	13.4	14.9	904.7	16.6	18.4	1101.2	20.5	22.7	1332.6
250	250	252.3	5.0	14.8	16.4	1108.7	18.4	20.4	1356.6	22.7	25.1	1638.9
280	280.0	282.6	9.8	16.6	18.4	1392.9	20.6	22.8	1699.8	25.4	28.1	2054.7
315	315.0	317.9	11.1	18.7	20.7	1763.8	23.2	25.7	2154.2	28.6	31.6	2600.8
355	355.0	358.2	12.5	21.1	23.4	2244.6	26.1	28.9	2730.8	32.2	35.6	3301.0
400	400.0	403.6	14.0	23.7	26.2	2836.8	29.4	32.5	3463.2	36.3	40.1	4191.1
450	450.0	454.1	15.6	26.7	29.5	3594.3	33.1	36.6	4387.0	40.9	45.1	5307.4
500	500.0	504.5	17.5	29.6	32.7	4427.6	36.8	40.6	5412.8	45.4	50.1	6548.5
560	560.0	565.0	19.6	33.2	36.7	5563.0	41.2	45.5	6790.4	50.8	56.0	8203.1
630	630.0	635.7	22.1	37.3	41.2	7029.6	46.3	51.1	8583.5	57.2	63.1	10394.4
710	710.0	716.4	24.9	42.1	46.5	8940.5	52.2	57.6	10904.6	64.5	71.1	13203.6

- All dimensions in mm unless specified;
- Pipe weights based on Black pipe;

Nominal Outside Diameter (DN)	Mean Outside Diameter (Dm)		Ovality	SDR9 (PN20)			SDR7.4 (PN25)		
				Wall Thickness (T)		Nominal Weight (kg/100m)	Wall Thickness (T)		Nominal Weight (kg/100m)
				Min	Max		Min	Max	
16	16.0	16.3	1.2	1.8	2.1	8.4	2.2	2.6	10.0
20	20.0	20.3	1.2	2.3	2.7	13.3	2.8	3.2	15.5
25	25.0	25.3	1.2	2.8	3.2	20.0	3.5	4.0	24.2
32	32.0	32.3	1.3	3.6	4.1	32.9	4.4	5.0	38.9
40	40.0	40.4	1.4	4.5	5.1	51.2	5.5	6.2	60.6
50	50.0	50.5	1.4	5.6	6.3	79.5	6.9	7.7	94.6
63	63.0	63.6	1.5	7.1	8.0	126.9	8.6	9.6	148.8
75	75.0	75.7	1.6	8.4	9.4	178.4	10.3	11.5	211.9
90	90.0	90.9	1.8	10.1	11.3	257.4	12.3	13.7	303.7
110	110.0	111.0	2.2	12.3	13.7	382.3	15.1	16.8	454.8
125	125.0	126.2	2.5	14.0	15.5	493.1	17.1	19.0	585.5
140	140.0	141.3	2.8	15.7	17.4	619.4	19.2	21.3	735.3
160	160.0	161.5	3.2	17.9	19.8	806.7	21.9	24.2	957.3
180	180.0	181.7	3.6	20.1	22.3	1020.8	24.6	27.2	1210.4
200	200.0	201.8	4.0	22.4	24.8	1261.9	27.3	30.2	1492.7
225	225	227.1	4.5	25.1	27.8	1593.2	30.8	34.0	1893.6
250	250	252.3	5.0	27.9	30.8	1964.5	34.2	37.8	2337.6
280	280.0	282.6	9.8	31.3	34.6	2469.4	38.3	42.3	2931.2
315	315.0	317.9	11.1	35.2	38.9	3123.9	43.0	47.4	3700.1
355	355.0	358.2	12.5	39.6	43.7	3958.5	48.5	53.5	4703.6
400	400.0	403.6	14.0	44.7	49.3	5032.1	54.6	60.2	5965.9
450	450.0	454.1	15.6	50.2	55.4	6361.3	61.5	67.8	7558.5
500	500.0	504.5	17.5	55.8	61.5	7851.0	-	-	-
560	560.0	565.0	19.6	62.5	68.9	9849.4	-	-	-
630	630.0	635.7	22.1	70.3	77.5	12464.7	-	-	-
710	710.0	716.4	24.9	79.3	87.4	15841.9	-	-	-

- All dimensions in mm unless specified;
- Pipe weights based on Black pipe.