

Fastway

Civil Supplies

Think Fast *Think Fastway*

PRODUCT SPECIFICATIONS



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Bore Pipe & Fittings



Bore Pipe Heavy Duty Orange

Pipe Dimensions



Nom Dia (mm)	Class	Av Outside Dia (mm) Dm	Wall Thickness (mm) T	Average Weight (Kg)	Effective Length (lm) L
63	9	63	5.3	138	140
110	SDR 13.6	110	8.4	260	100
125	SDR 13.6	125	9.5	336	100
140	SDR 13.6	140	10.6	420	100
180	SDR 13.6	180	13.6	83	12

Pipe Dimensions



Nom Dia (mm)	Class	Av Outside Dia (mm) Dm	Wall Thickness (mm) T	Average Weight (Kg)	Effective Length (lm) L
63	9	63	5.3	140	138
110	SDR 13.6	110	8.4	100	260

Electrical Conduit & Fittings



Medium Duty Grey Conduit

Pipe Dimensions

PVC Electrical Conduit

Manufactured and Standards Mark Certified to AS/NZS 2053.2:2001

* Medium duty conduit



Nom Dia (mm)	Pipe Class	Av Outside Dia (mm)	Wall Thickness (mm) T	Effective Length (lm) L	Average Weight (Kg)
16	MD	16.0	1.6	4	0.45
20	MD	20.0	1.8	4	0.63
25	MD	25.0	1.8	4	0.81
32	MD	32.0	2.1	4	1.22
40	MD	40.0	2.4	4	1.76
50	MD	50.0	2.8	4	2.6

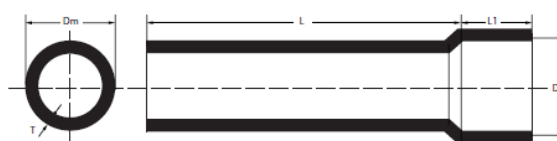
Heavy Duty Orange Conduit

Pipe Dimensions

PVC Electrical Conduit

Manufactured and Standards Mark Certified to AS/NZS 2053.2:2001

* Heavy duty conduit

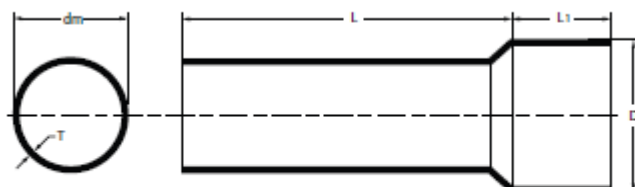


Nom Dia (mm)	Pipe Class	Av Outside Dia (mm)	Wall Thickness (mm) T	Effective Length (lm) L	Average Weight (Kg)
20	HD	20.0	2.3	4	0.77
25	HD	25.0	2.5	4	1.08
32	HD	32.0	2.7	4	1.53
40	HD	40.0	3.1	4	2.22
50	HD	50.0	3.4	4	3.09
63	HD	63.0	3.9	4	4.83
80	HD	89.0	4.6	4	5.46
100	HD	114.0	5.9	4	13.61
125	HD	140.0	7.2	4	19.6
150	HD	160.0	8.3	4	27

Communication Pipe & Fittings

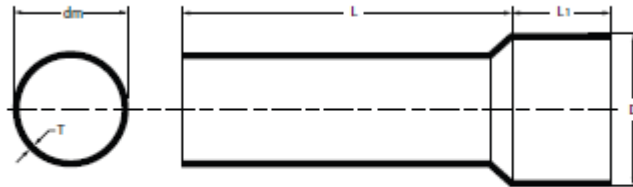


Pipe Dimensions



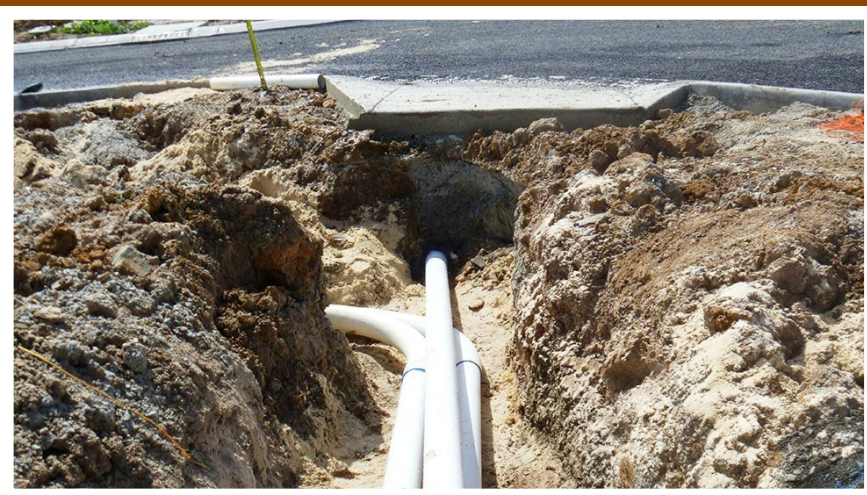
Nom Dia (mm)	Av Outside Dia (mm) Dm	Wall Thickness (mm) T	Effective Length (lm) L	Average Weight (Kg)
20	20	1.8	4	0.64
25	25	1.8	4	0.79
32	32	2.1	4	1.19
50	50	2.8	4	2.76
80	89	3.7	6	9.06
100	114	4.5	6	9.95

Pipe Dimensions



Nom Dia (mm)	Av Outside Dia (mm) D_m	Wall Thickness (mm) T	Effective Length (lm) L	Average Weight (Kg)
20	26.6	1.6	4.5	0.87
50	60.0	2.7	4.5	3.42
100	114.0	4.5	4.5	7.34

Road Crossing Pipe (Gas & Water) & Fittings



Road Crossing (Gas & Water) Pipe

Pipe Dimensions & Weights



Nom Dia (mm)	Class PN	Av Outside Dia (mm) Dm	Av Wall (mm)	Effective Length (lm)	Mass (kg/lgth)
40	12	48.25	2.75	6	3.4
50	12	60.35	3.35	6	5.3
100	12	114.30	6.3	6	20
150	12	160.25	8.8	6	38

Blue Stripe Poly Pipe



Pipe Dimensions

SDR	41			33			26		
PN FOR PE80	3.2			4			0		
PN for PE100	4			0			6.3		
Nom Dia (mm)	Min Wall	Av ID Dia (mm)	Av Mass	Min Wall	Av ID Dia (mm)	Av Mass	Min Wall	Av ID Dia (mm)	Av Mass
16	1.6	12.70	0.075	1.6	12.70	0.075	1.6	12.70	0.075
20	1.6	16.70	0.10	1.6	16.70	0.10	1.6	16.70	0.10
25	1.6	21.70	0.12	1.6	21.70	0.12	1.6	21.70	0.12
32	1.6	28.70	0.16	1.6	28.70	0.16	1.6	28.70	0.16
40	1.6	36.70	0.20	1.6	36.70	0.20	1.6	36.70	0.20
50	1.6	46.70	0.25	1.6	46.70	0.25	2	45.90	0.31
63	1.6	59.70	0.32	2	59.00	0.38	2.4	58.00	0.47
75	1.9	71.20	0.45	2.3	70.30	0.54	2.9	69.10	0.67
90	2.2	85.50	0.63	2.8	84.30	0.78	3.5	82.80	0.97
110	2.7	104.60	0.92	3.4	103.10	1.15	4.3	101.20	1.46
125	3.1	118.90	1.20	3.9	117.20	1.49	4.8	115.30	1.84
140	3.5	133.10	1.58	4.3	131.40	1.85	5.4	129.10	2.33
160	4	152.20	1.97	4.9	150.10	2.44	6.2	147.50	3.05
180	4.4	171.40	2.45	5.6	169.00	3.06	6.9	166.20	3.80
200	4.9	190.40	3.01	6.2	187.70	3.77	7.7	184.50	4.71
225	5.5	214.20	3.81	6.9	211.10	4.79	8.6	207.70	5.92
250	6.2	237.80	4.78	7.7	234.60	5.90	9.6	230.70	7.33
280	6.9	266.60	5.92	8.6	262.80	7.41	10.7	258.60	9.15
315	7.7	300.00	7.44	9.7	295.70	9.34	12.1	290.70	11.66
355	8.7	338.01	9.46	10.9	333.30	11.85	13.6	327.80	14.73
400	9.8	380.90	12.00	12.3	375.50	15.02	15.3	369.30	18.68
450	11	428.60	15.13	13.8	422.40	19.04	17.2	415.50	23.61
500	12.3	476.00	18.83	15.3	469.30	23.52	19.1	461.70	29.13
560	13.7	533.40	23.45	17.2	525.70	29.49	21.4	517.20	36.51
630	15.7	600.10	29.67	19.3	591.50	37.26	24.1	581.80	46.27
710	17.4	676.30	37.65	21.8	666.60	47.30	27.2	655.60	58.81
800	19.6	761.90	47.87	24.5	751.00	60.09	30.6	738.80	74.48
900	22	857.80	56.28	27.6	846.00	71.53	42.9	913.90	112.00
1000	24.5	952.90	69.80	30.6	940.10	88.17	47.7	940.10	138.40

Pipe Dimensions

SDR	21	17	13.6
PN FOR PE80	6.3	8	10
PN for PE100	8	10	12.5
Nom Dia (mm)	Min Wall Av ID Dia (mm) Av Mass	Min Wall Av ID Dia (mm) Av Mass	Min Wall Av ID Dia (mm) Av Mass
16	1.6 12.70 0.075	1.6 12.70 0.075	1.6 12.70 0.075
20	1.6 16.70 0.10	1.6 16.70 0.10	1.6 16.70 0.10
25	1.6 21.70 0.12	1.6 21.10 0.12	1.9 21.10 0.14
32	1.6 28.70 0.16	1.9 28.10 0.18	2.4 27.00 0.23
40	1.9 36.10 0.23	2.4 35.00 0.29	3 33.80 0.35
50	2.4 45.00 0.37	3 43.80 0.45	3.7 42.30 0.54
63	3 56.80 0.57	3.8 55.10 0.71	4.7 53.20 0.86
75	3.6 67.60 0.81	4.5 65.70 1.00	5.5 63.60 1.20
90	4.3 81.10 1.17	5.4 78.80 1.44	6.6 76.30 1.73
110	5.3 99.10 1.75	6.6 96.40 2.14	8.1 93.20 2.59
125	6 112.80 2.24	7.4 109.80 2.74	9.2 106.00 3.34
140	6.7 126.40 2.81	8.3 123.00 3.44	10.3 118.80 4.19
160	7.7 144.40 3.68	9.5 140.60 4.48	11.8 135.80 5.47
180	8.6 162.60 4.63	10.7 158.20 5.67	13.3 152.70 6.94
200	9.6 180.50 5.73	11.9 175.70 7.00	14.7 169.80 8.51
225	10.8 203.10 7.24	13.4 197.60 8.88	16.6 190.90 10.80
250	11.9 225.90 8.87	14.8 219.80 10.88	18.4 212.20 13.31
280	13.4 252.90 11.19	16.6 246.20 13.67	20.6 237.80 16.68
315	15 284.70 14.07	18.7 276.90 17.31	23.2 267.40 21.14
355	16.9 320.90 17.86	21.1 312.00 22.03	26.1 301.50 26.80
400	19.1 361.30 22.77	23.7 351.70 27.84	29.4 339.70 33.98
450	21.5 406.50 28.80	26.7 395.60 35.27	33.1 382.10 43.05
500	23.9 451.70 35.53	29.6 439.70 43.45	36.8 424.60 53.12
560	26.7 506.10 44.47	33.2 492.40 54.60	41.2 475.60 66.64
630	30 569.50 56.17	37.2 554.10 68.99	46.3 535.20 84.23
710	33.9 641.60 71.52	42.1 624.30 87.74	52.2 603.10 107.01
800	38.1 723.00 90.65	47.4 703.20 111.57	
900	53.5 791.70 139.00		
1000			

Pipe Dimensions

SDR

11

9

PN FOR PE80

12.5

16

PN for PE100

16

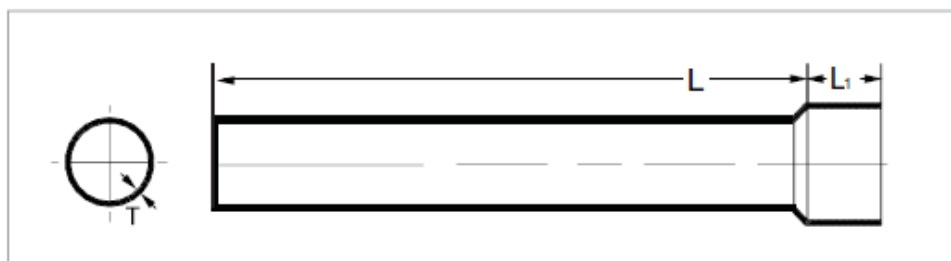
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Nom Dia (mm)	Min Wall	Av ID Dia (mm)	Av Mass	Min Wall	Av ID Dia (mm)	Av Mass
16	1.6	12.70	0.075	1.8	12.30	0.082
20	1.9	16.10	0.11	2.3	15.20	0.13
25	2.3	20.20	0.17	2.8	19.20	0.20
32	2.9	26.00	0.27	3.6	24.50	0.32
40	3.7	32.30	0.42	4.5	30.60	0.50
50	4.6	40.40	0.66	5.6	38.30	0.78
63	5.8	50.90	1.04	7.1	48.10	1.25
75	6.8	60.90	1.45	8.4	57.50	1.75
90	8.2	72.90	2.10	10.1	68.60	2.55
110	10	89.30	3.12	12.3	84.40	3.75
125	11.4	101.40	4.05	14	96.00	4.84
140	12.7	113.80	5.05	15.7	107.50	6.08
160	14.6	129.90	6.63	17.9	123.00	7.92
180	16.4	146.20	8.38	20.1	138.40	10.02
200	18.2	162.40	10.33	22.4	153.60	12.39
225	20.5	182.70	13.07	25.1	173.00	15.63
250	22.7	203.20	16.08	27.9	192.30	19.27
280	25.4	227.70	20.16	31.3	215.30	24.23
315	28.6	256.10	25.52	35.2	242.20	30.65
355	32.2	288.70	32.39	39.6	273.20	38.84
400	36.3	325.20	41.12	44.7	307.60	49.37
450	40.9	365.80	52.08	50.3	346.00	62.51
500	45.4	406.50	64.26	55.8	384.70	77.03
560	50.8	455.50	80.50			
630	57.2	512.30	102.00			
710						
800						
900						
1000						

DWV Pipe & Fittings



Pipe Dimensions

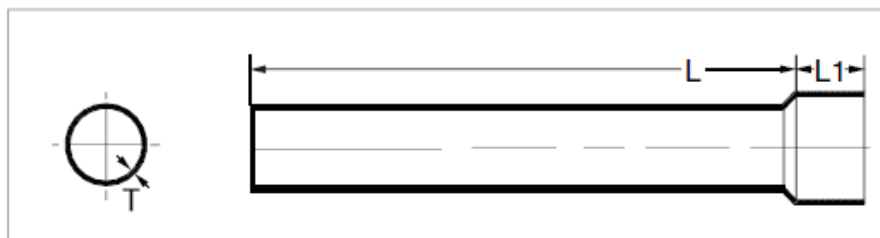


Nom Dia (mm)	Class	Wall Thickness (mm) T	Effective Length (lm) L	Average Weight (Kg)
50		2.2	6	3.53
65		2.7	6	5.34
80		2.9	6	6.90
100	SN6	3	6	9.52
150	SN4	4	6	18.10
225	SN4	6.5	6	42.69
300	SN4	7.25	6	70.90
150	SN8	5.3	3	9.00
225	SN8	7.2	3	28.10
300	SN8	9.2	6	88.22
300	SN8	9.2	3	45.40

Stormwater Pipe & Fittings



Pipe Dimensions



Nom Dia (mm)	Av Outside Dia (mm)	Length (lm)	Type	Min Wall Thickness (mm)	Length (lm)	Average Weight (Kg)
90	90	6	Slotted	1.6	6	4.7
90	90	6		1.7	6	4.7
150	160	6	Slotted	2.9	6	14.4
150	160	6		2.9	6	14
225	250	6	Slotted	4.3	6	33.74
300	315	6		5.7	6	56.9
375	400	6	Slotted	5.7	6	86.4

Pipe Dimensions

A schematic of the wall profile is shown in Figure A and significant dimensions are given in Table 3.



FIGURE A - WALL PROFILE

Nom Dia (mm)	Av Outside Dia (mm)	Av Inside Dia (mm)	Profile Pitch (mm)	Min Profile Thickness (mm)	Inner Wall Thickness (e)	Approx Pipe Mass kg/length
150	169	148	17.5	1.1	1.2	9
225	259	226	26.2	1.5	1.6	19
300	343	300	34.9	1.85	2	31
375	428	374	44.9	2.3	2.4	48
450	514	448	52.8	2.8	3.1	72
525	600	523	66	3.2	3.5	94
600	682	596	75.4	3.7	3.9	121
750	835	731	88	4.6	5	190
900	999	873	105.6	5.2	5.7	260

Pits & Associated Products



AUSTRALIAN STANDARD AS3996:2006

CLASS RATING	NOMINAL WHEEL LOADING	SERVICEABILITY DESIGN LOAD	ULTIMATE DESIGN LOAD	TYPICAL USES
 RESIDENTIAL Will withstand 1.5 Tonne Wheel	N/A	N/A	N/A	A non-rated drainage channel designed for use in residential applications such as pathways and driveways. <i>Will withstand 1.5 Tonne Wheel Loading</i>
 CLASS A • Pedestrians • Cyclists	330 KG	6.7 KN	10 KN	Precincts (including footways) accessible only to pedestrians & pedal cyclists, closed to any other traffic.
 CLASS B • Passenger Vehicles • Light Commercial	2670 Kg	53 KN	80 KN	Areas (including driveways & footpaths) accessible to passenger & light commer- cial vehicles.
 CLASS C • Slow Moving Vehicles • Heavy Commercial Vehicles	5000 KG	100 KN	150 KN	Malls and areas open to slow moving and heavy commercial vehicles.
 CLASS D • Highways • Fast Moving	8000 KG	140 KN	210 KN	Carriageways & roads subject to fast moving heavy commercial vehicles.

Civil Products & Accessories



Priming Fluid Solvent Cement & Jointing Lubricant Coverage



Size Dia (mm)	Priming Fluid	Solvent Cement	Jointing Lubricant
15	2100	600	
20	1250	350	
25	900	260	
32	650	190	
40	500	140	
50	300	85	170
65	250	70	150
80	200	60	120
100	140	50	100
125	120	40	75
150	90	30	60
155	85	25	60
195	60	17	50
200	50	25	50
225	30	15	45
250	25	13	40
300	25	10	30
375	17	10	25



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