

PE100 Black Pressure Pipe

PE100 black pipe for general purpose applications
 Series 1 pipes have ISO compatible outside diameter
 DN16 to DN1200 manufactured to AS/NZS 4130

Vinidex PE100 high density polyethylene black pressure pipe provides a high performance, lightweight pressure system up to 1200mm diameter.

PART OF THE PE PRESSURE SYSTEMS RANGE

- Manufactured in Australia
- Pressure rating PN4 to PN20
- Available in coils (up to DN125) and straight lengths
- No adverse effect on water quality
- High impact strength
- Light weight and easy to handle
- Flexible
- Chemical resistant
- Corrosion resistant
- Weathering resistant
- Range of compatible PE fittings available



Applications

- Potable water
- Watermains
- Water supply
- Recycled water
- Irrigation
- Pressure sewerage
- Heating, ventilation, and air conditioning (HVAC)[

SDR	41	26	21	17	13.6	11	9	7.4
PN	4	6.3	8	10	12.5	16	20	25

Technical Data

Size Range	DN16 – DN1200
Manufacturing Standard	AS/NZS 4130
License Number	SMKP1770 , SMKP1771 , SMKP1772 , SMKP1773/1 , SMKP25649 (SAI Global)
Quality Management System	ISO 9001
Certificate Number	QEC0570 (SAI Global)

ITEM	DESCRIPTION
Pipe material	PE100
Colour	Black
Joint type	Varies



Dimensions

Nominal Size DN	Outside Diameter		PN4		PN6.3		PN8		PN10		PN12.5		PN16		PN20	
	De min (mm)	De max (mm)	Tmean (mm)	ID (mm)	Tmean (mm)	ID (mm)	Tmean (mm)	ID (mm)	Tmean (mm)	ID (mm)	Tmean (mm)	ID (mm)	Tmean (mm)	ID (mm)	Tmean (mm)	ID (mm)
16	16.0	16.3	1.6	13	1.6	13	1.6	13	1.6	13	1.6	13	1.6	13	1.8	12
20	20.0	20.3	1.6	17	1.6	17	1.6	17	1.6	17	1.6	17	1.9	16	2.3	15
25	25.0	25.3	1.6	22	1.6	22	1.6	22	1.6	22	1.9	21	2.3	20	2.8	19
32	32.0	32.3	1.6	29	1.6	29	1.6	29	1.9	28	2.4	27	2.9	26	3.6	24
40	40.0	40.0	1.6	37	1.6	37	1.9	36	2.4	35	3.0	34	3.7	32	4.5	31
50	50.0	50.5	1.6	47	1.6	47	2.4	45	3.0	44	3.7	42	4.6	40	5.6	38
63	63.0	63.6	1.6	60	2	59	3.0	57	3.8	55	4.7	53	5.8	51	7.1	48
75	75.0	75.7	1.9	71	2.3	70	3.6	67	4.5	66	5.5	63	6.8	61	8.4	58
90	90.0	90.9	2.2	86	2.8	84	4.3	81	5.4	78	6.6	76	8.2	73	10.1	69
110	110.0	111.0	2.7	105	3.4	103	5.3	99	6.6	96	8.1	93	10.0	89	12.3	84
125	125.0	126.2	3.1	119	3.9	117	6.0	113	7.4	110	9.2	106	11.4	101	14	96
140	140.0	141.3	3.5	133	4.3	131	6.7	126	8.3	123	10.3	118	12.7	114	15.7	108
160	160.0	161.5	4	152	4.9	150	7.7	144	9.5	140	11.8	136	14.6	130	17.9	123
180	180.0	181.7	4.4	171	5.5	169	8.6	163	10.7	158	13.3	153	16.4	145	20.1	138
200	200.0	201.8	4.9	190	6.2	188	9.6	180	11.9	175	14.7	170	18.2	162	22.4	154
225	225.0	227.1	5.5	215	6.9	211	10.8	203	13.4	198	16.6	191	20.5	183	25.1	173
250	250.0	252.3	6.2	238	7.7	235	11.9	225	14.8	219	18.4	212	22.7	203	27.9	192
280	280.0	282.6	6.9	267	8.6	263	13.4	253	16.4	246	20.6	238	25.4	228	31.3	215
315	315.0	317.9	7.7	300	9.7	296	15.0	285	18.7	278	23.2	268	28.6	256	35.2	242
355	355.0	358.2	8.7	338	10.9	333	16.9	320	21.1	311	26.1	301	32.2	289	39.6	273
400	400.0	403.6	9.8	380	12.3	376	19.1	362	23.7	351	29.4	340	36.3	326	44.7	307
450	450.0	454.1	11	429	13.8	422	21.5	406	26.7	395	33.1	382	40.9	366	50.2	347
500	500.0	504.5	12.3	476	15.3	470	23.9	452	29.6	440	36.8	424	45.4	407	55.8	385
560	560.0	565.0	13.7	534	17.2	526	26.7	506	33.2	494	41.2	475	50.8	455	62.5	431
630	630.0	635.7	15.4	600	19.3	592	30	570	37.3	554	46.3	535	57.2	512	70.3	485
710	710.0	716.4	17.4	676	21.8	667	33.9	641	42.1	624	52.2	603	64.5	578	79.3	546
800	800.0	807.2	19.6	762	24.5	752	38.1	723	47.4	704	58.8	679	72.5	651	89.3	616
900	900.0	908.1	22	858	27.6	846	42.9	814	53.5	791	66.2	765	81.7	732	100*	694
1000	1000.0	1009.0	24.5	953	30.6	940	47.7	904	59.3	880	72.5	852	90.2	815	111.2*	771
1200	1200.0	1210.0	29.4	1143	36.7	1128	57.2	1085	67.9	1063	88.2	1020	109.1*	976	133.4*	925

Product Range

Vinidex Code	Nominal Size DN (mm)	SDR	PN	Material	Colour	Length (m)	Approx. Weight (kg/length)
27014	250	41	4	PE100	Black	12	58.64
26598	315	41	4	PE100	Black	12	91.79
26604	355	41	4	PE100	Black	12	116.87
24498	400	41	4	PE100	Black	12	148.34
26616	450	41	4	PE100	Black	12	187.33
26622	500	41	4	PE100	Black	12	232.7
26633	630	41	4	PE100	Black	12	367.16
27079	40	21	8	PE100	Black	150	34.93
26847	50	21	8	PE100	Black	800	293.95
26848	63	21	8	PE100	Black	500	289.49
26828	75	21	8	PE100	Black	100	82.67
27389	75	21	8	PE100	Black	200	165.35
27390	75	21	8	PE100	Black	400	331.7
26849	75	21	8	PE100	Black	300	248.02
26829	90	21	8	PE100	Black	100	118.53
26850	90	21	8	PE100	Black	200	237.8
26799	90	21	8	PE100	Black	300	356.7
26124	110	21	8	PE100	Black	100	179.04
26564	160	21	8	PE100	Black	12	45.3
26600	315	21	8	PE100	Black	12	173.7
27593	40	17	10	PE100	Black	150	43.49
27594	50	17	10	PE100	Black	150	68.95
27657	50	17	10	PE100	Black	500	227.2
27326	63	17	10	PE100	Black	100	72.51
26833	75	17	10	PE100	Black	100	101.94
26804	75	17	10	PE100	Black	200	204.5
26990	75	17	10	PE100	Black	300	306.7
26540	90	17	10	PE100	Black	12	17.6
26549	90	17	10	PE100	Black	100	146.8
25550	90	17	10	PE100	Black	200	294.5
25546	90	17	10	PE100	Black	500	362.2
26546	110	17	10	PE100	Black	12	26.3
27548	110	17	10	PE100	Black	100	222.49
27534	110	17	10	PE100	Black	200	439.9
26553	125	17	10	PE100	Black	12	33.6
27199	125	17	10	PE100	Black	6	16.8
26559	140	17	10	PE100	Black	12	42.1
26565	160	17	10	PE100	Black	12	55.3
26571	180	17	10	PE100	Black	12	69.8
26577	200	17	10	PE100	Black	12	86.3
26583	225	17	10	PE100	Black	12	109.3

Vinidex Code	Nominal Size DN (mm)	SDR	PN	Material	Colour	Length (m)	Approx. Weight (kg/length)
26589	250	17	10	PE100	Black	12	134.23
26595	280	17	10	PE100	Black	12	166.86
26601	315	17	10	PE100	Black	12	213.65
26607	355	17	10	PE100	Black	12	272.52
26613	400	17	10	PE100	Black	12	344.97
26636	630	17	10	PE100	Black	12	852.48
26403	20	13.6	12.5	PE100	Black	6	0.56
26402	25	13.6	12.5	PE100	Black	6	0.85
26404	32	13.6	12.5	PE100	Black	6	27.6
26300	32	13.6	12.5	PE100	Black	50	11.4
26299	32	13.6	12.5	PE100	Black	25	5.7
26674	90	13.6	12.5	PE100	Black	300	531.6
25633	63	13.6	12.5	PE100	Black	6	5.29
27322	63	13.6	12.5	PE100	Black	100	88.21
25538	90	13.6	12.5	PE100	Black	300	531.6
26547	110	13.6	12.5	PE100	Black	12	31.8
23602	110	13.6	12.5	PE100	Black	100	264.9
23609	110	13.6	12.5	PE100	Black	300	797.2
25555	125	13.6	12.5	PE100	Black	100	341.67
26566	160	13.6	12.5	PE100	Black	12	67.56
27698	160	13.6	12.5	PE100	Black	100	562.9
26572	180	13.6	12.5	PE100	Black	12	85.38
26578	200	13.6	12.5	PE100	Black	12	104.91
26590	250	13.6	12.5	PE100	Black	12	164.12
26602	315	13.6	12.5	PE100	Black	12	260.72
26614	400	13.6	12.5	PE100	Black	12	420.94
26892	40	11	16	PE100	Black	150	64.6
27309	50	11	16	PE100	Black	150	100.4
27327	63	11	16	PE100	Black	100	106.3
27382	75	11	16	PE100	Black	100	148.6
26542	90	11	16	PE100	Black	12	25.8
26663	90	11	16	PE100	Black	100	214.9
26548	110	11	16	PE100	Black	12	38.5
27505	110	11	16	PE100	Black	60	195.1
27556	110	11	16	PE100	Black	100	320.8
25560	125	11	16	PE100	Black	100	415
26567	160	11	16	PE100	Black	12	81.6
25554	180	11	16	PE100	Black	12	103.2
26579	200	11	16	PE100	Black	12	127.6
26585	225	11	16	PE100	Black	12	161.7
26591	250	11	16	PE100	Black	12	199
26597	280	11	16	PE100	Black	12	248.7
26603	315	11	16	PE100	Black	12	316

Vinidex Code	Nominal Size DN (mm)	SDR	PN	Material	Colour	Length (m)	Approx. Weight (kg/length)
26609	355	11	16	PE100	Black	12	401
26615	400	11	16	PE100	Black	12	509.3
26627	500	11	16	PE100	Black	12	793.6
26190	110	9	20	PE100	Black	100	385.6
24499	400	9	20	PE100	Black	12	611.4