

PE100 White CoEX Pressure Pipe

PE100 white coextruded pipe for thermal resistance applications
 Series 1 pipes have ISO compatible outside diameter
 DN16 to DN1200 manufactured to AS/NZS 4130

Vinidex PE100 high density polyethylene white coextruded 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
- Ideal for above ground applications
- 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	White outer, black inner
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 (mm)	SDR	PN	Material	Length (m)	Weight (kg/length)
28355	63	11	16	PE100	100	107
26088	63	13.6	12.5	PE100	200	177
27208	63	13.6	12.5	PE100	100	88
28386	63	17	10	PE100	100	73
28693	63	9	20	PE100	100	127
28356	75	11	16	PE100	100	149
28403	75	13.6	12.5	PE100	100	123
28378	75	17	10	PE100	100	102
28898	90	11	16	PE100	100	216
28694	90	13.6	12.5	PE100	100	177
28936	90	17	10	PE100	100	147
28995	90	17	10	PE100	200	295
28730	110	11	16	PE100	100	321
28762	110	13.6	12.5	PE100	100	266
28756	110	17	10	PE100	100	220
23601	110	9	20	PE100	100	386
28955	125	13.6	12.5	PE100	100	343
27537	160	13.6	12.5	PE100	100	566
24574	280	11	16	PE100	6	125
28718	315	13.6	12.5	PE100	6	131
28933	355	13.6	12.5	PE100	6	166
27972	400	13.6	12.5	PE100	6	210
27973	500	13.6	12.5	PE100	6	329

Vinidex Code	Nominal Size (mm)	SDR	PN	Material	Length (m)	Weight (kg/length)
28699	63	11	16	PE100	12	13
22941	63	17	10	PE100	12	9
28388	90	13.6	12.5	PE100	12	21
27157	90	9	20	PE100	12	31
28758	110	11	16	PE100	12	39
28763	110	13.6	12.5	PE100	12	32
28754	110	17	10	PE100	12	26
28483	110	7.4	25	PE100	12	56
26445	110	9	20	PE100	12	46
28708	125	11	16	PE100	12	50
28953	125	7.4	25	PE100	12	71
28692	140	11	16	PE100	12	62
28739	160	11	16	PE100	12	82
28807	160	13.6	12.5	PE100	12	68
28738	160	17	10	PE100	12	55
27721	160	9	20	PE100	12	98
28704	180	11	16	PE100	12	103
28698	180	13.6	12.5	PE100	12	86
27712	180	9	20	PE100	12	125
28740	200	11	16	PE100	12	128
28803	200	13.6	12.5	PE100	12	105
28741	200	17	10	PE100	12	87
28726	200	26	6.3	PE100	12	57
28662	200	9	20	PE100	12	153

Vinidex Code	Nominal Size (mm)	SDR	PN	Material	Length (m)	Weight (kg/length)
28743	225	11	16	PE100	12	162
28804	225	13.6	12.5	PE100	12	134
28802	225	17	10	PE100	12	110
28818	225	21	8	PE100	12	90
28096	225	9	20	PE100	12	193
28742	250	11	16	PE100	12	199
28801	250	13.6	12.5	PE100	12	165
28826	250	17	10	PE100	12	135
28737	250	26	6.3	PE100	12	89
28705	250	7.4	25	PE100	12	283
28727	250	9	20	PE100	12	239
24535	280	11	16	PE100	12	249
28840	280	13.6	12.5	PE100	12	206
28842	280	17	10	PE100	12	169
28854	315	11	16	PE100	12	316
28805	315	13.6	12.5	PE100	12	262
28850	315	17	10	PE100	12	214
28848	315	21	8	PE100	12	174
28785	355	11	16	PE100	12	401
28806	355	13.6	12.5	PE100	12	332
28862	355	17	10	PE100	12	273
28852	355	26	6.3	PE100	12	180
28876	355	9	20	PE100	12	481
28878	400	11	16	PE100	12	509

Vinidex Code	Nominal Size (mm)	SDR	PN	Material	Length (m)	Weight (kg/length)
28728	400	13.6	12.5	PE100	12	421
28788	400	17	10	PE100	12	345
28872	400	21	8	PE100	12	282
28321	400	7.4	25	PE100	12	724
28317	400	9	20	PE100	12	611
28338	450	11	16	PE100	12	645
28336	450	13.6	12.5	PE100	12	533
28789	450	17	10	PE100	12	437
28340	450	9	20	PE100	12	773
28792	500	13.6	12.5	PE100	12	659
28884	500	17	10	PE100	12	539
28062	500	9	20	PE100	12	954
28038	560	11	16	PE100	12	998
28073	560	13.6	12.5	PE100	12	826
28067	560	17	10	PE100	12	677
28071	560	21	8	PE100	12	551
28808	630	11	16	PE100	12	1264
28793	630	13.6	12.5	PE100	12	1044
28800	630	17	10	PE100	12	855
28011	630	26	6.3	PE100	12	566
25537	710	11	16	PE100	12	1606
28948	710	13.6	12.5	PE100	12	1327
27993	710	17	10	PE100	12	1088
27245	800	17	10	PE100	12	1386

Vinidex Code	Nominal Size (mm)	SDR	PN	Material	Length (m)	Weight (kg/length)
26251	900	11	16	PE100	12	2598
26206	900	13.6	12.5	PE100	12	2132
26246	900	21	8	PE100	12	1424
27697	1000	11	16	PE100	12	3166
22686	1200	13.6	12.5	PE100	12	3811
28771	110	11	16	PE100	20	64
26519	110	13.6	12.5	PE100	20	53
28772	110	17	10	PE100	20	44
28986	110	21	8	PE100	20	36
28720	125	11	16	PE100	20	83
22687	140	11	16	PE100	20	105
28774	160	11	16	PE100	20	136
28674	160	13.6	12.5	PE100	20	113
28773	160	17	10	PE100	20	92
28736	160	21	8	PE100	20	76
27717	160	26	6.3	PE100	20	62
22441	160	7.4	25	PE100	20	194
28799	160	9	20	PE100	20	163
28795	180	11	16	PE100	20	172
24495	180	13.6	12.5	PE100	20	143
28717	180	17	10	PE100	20	117
28744	200	11	16	PE100	20	213
28734	200	13.6	12.5	PE100	20	175
28749	200	17	10	PE100	20	144

Vinidex Code	Nominal Size (mm)	SDR	PN	Material	Length (m)	Weight (kg/length)
28745	200	21	8	PE100	20	118
28750	200	26	6.3	PE100	20	96
28809	200	9	20	PE100	20	255
28819	225	11	16	PE100	20	270
28817	225	13.6	12.5	PE100	20	223
28815	225	17	10	PE100	20	183
28813	225	21	8	PE100	20	149
28760	225	26	6.3	PE100	20	120
28831	250	11	16	PE100	20	332
28829	250	13.6	12.5	PE100	20	274
28827	250	17	10	PE100	20	224
28761	250	26	6.3	PE100	20	149
28833	250	7.4	25	PE100	20	472
28832	250	9	20	PE100	20	398
28843	280	11	16	PE100	20	416
28841	280	13.6	12.5	PE100	20	344
28839	280	17	10	PE100	20	282
28845	280	9	20	PE100	20	499
28855	315	11	16	PE100	20	527
28853	315	13.6	12.5	PE100	20	436
28851	315	17	10	PE100	20	357
28849	315	21	8	PE100	20	290
28847	315	26	6.3	PE100	20	237
28324	315	7.4	25	PE100	20	749

Vinidex Code	Nominal Size (mm)	SDR	PN	Material	Length (m)	Weight (kg/length)
28846	315	9	20	PE100	20	632
28867	355	11	16	PE100	20	668
28865	355	13.6	12.5	PE100	20	553
28863	355	17	10	PE100	20	454
28861	355	21	8	PE100	20	369
28859	355	26	6.3	PE100	20	300
28900	355	7.4	25	PE100	20	951
28869	355	9	20	PE100	20	801
28879	400	11	16	PE100	20	849
28877	400	13.6	12.5	PE100	20	702
28875	400	17	10	PE100	20	575
28873	400	21	8	PE100	20	469
28322	400	7.4	25	PE100	20	1207
28326	400	9	20	PE100	20	1019
28339	450	11	16	PE100	20	1076
28337	450	13.6	12.5	PE100	20	889
28354	450	17	10	PE100	20	729
28824	450	21	8	PE100	20	595
28830	450	26	6.3	PE100	20	481
28341	450	9	20	PE100	20	1288
28061	500	11	16	PE100	20	1327
28798	500	13.6	12.5	PE100	20	1098
28811	500	17	10	PE100	20	898
28343	500	21	8	PE100	20	734

Vinidex Code	Nominal Size (mm)	SDR	PN	Material	Length (m)	Weight (kg/length)
28063	500	9	20	PE100	20	1590
23607	560	11	16	PE100	20	1663
28065	560	13.6	12.5	PE100	20	1376
28066	560	17	10	PE100	20	1128
28060	560	21	8	PE100	20	919
28064	560	26	6.3	PE100	20	744
26471	560	41	4	PE100	20	484
28072	560	9	20	PE100	20	1995
28814	630	11	16	PE100	20	2106
28882	630	13.6	12.5	PE100	20	1740
28810	630	17	10	PE100	20	1425
28932	630	21	8	PE100	20	1162
28925	630	26	6.3	PE100	20	943
28812	710	17	10	PE100	20	1813
24403	800	11	16	PE100	20	3416
27992	800	13.6	12.5	PE100	20	2806
26265	800	17	10	PE100	20	2300
24470	800	26	6.3	PE100	20	1520
28381	1000	17	10	PE100	20	3596
26286	1200	13.6	12.5	PE100	20	6352
28981	110	11	16	PE100	21	68
28056	110	17	10	PE100	21	46
28978	160	11	16	PE100	21	143
28057	160	17	10	PE100	21	97

Vinidex Code	Nominal Size (mm)	SDR	PN	Material	Length (m)	Weight (kg/length)
28979	180	11	16	PE100	21	181
28983	180	13.6	12.5	PE100	21	150
24361	200	11	16	PE100	21	223
28732	200	13.6	12.5	PE100	21	184
22471	200	17	10	PE100	21	152
28716	200	9	20	PE100	21	268
28723	250	11	16	PE100	21	348
28784	250	13.6	12.5	PE100	21	288
28987	280	11	16	PE100	21	437
27986	280	13.6	12.5	PE100	21	361
28722	315	11	16	PE100	21	553
28980	315	13.6	12.5	PE100	21	458
22607	315	17	10	PE100	21	377
28963	355	11	16	PE100	21	702
28962	355	13.6	12.5	PE100	21	580
28966	355	9	20	PE100	21	841
28964	400	11	16	PE100	21	891
28967	400	13.6	12.5	PE100	21	737
28965	400	7.4	25	PE100	21	1267
28968	400	9	20	PE100	21	1070
28481	450	11	16	PE100	21	1138
27987	450	13.6	12.5	PE100	21	933
24530	450	21	8	PE100	21	624
27988	500	13.6	12.5	PE100	21	1152

Vinidex Code	Nominal Size (mm)	SDR	PN	Material	Length (m)	Weight (kg/length)
28077	500	17	10	PE100	21	943
28319	560	13.6	12.5	PE100	21	1445
28345	630	11	16	PE100	21	2212
28346	630	13.6	12.5	PE100	21	1827
28362	630	17	10	PE100	21	1497
27543	710	11	16	PE100	21	2811
26488	710	13.6	12.5	PE100	21	2321
27394	710	21	8	PE100	21	1553
27989	710	26	6.3	PE100	21	1259
27396	800	21	8	PE100	21	1967
26225	900	17	10	PE100	21	3066
26223	900	21	8	PE100	21	2491
28478	1000	17	10	PE100	21	3776
28477	1000	21	8	PE100	21	3078