



viadux

PE PIPE SYSTEMS

POLYETHYLENE PIPE OVERVIEW

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR MISCELLANEOUS APPLICATIONS

PE100 Polyethylene piping systems and can be used for conveying all types of liquids, slurries and gases. Some of the common applications include, mineral slurry pipelines, sewer rising mains, reuse water, effluent transportation, submarine pipelines, irrigation and mine water supply. Polyethylene is the preferred material for use in trenchless pipelines which are installed by directional drilling, slip lining and pipe bursting methods. PE100 preferred jointing method is heat fusion, therefore Butt Fusion and Electrofusion equipment is required. Polyethylene cannot be joined with adhesives or solvents.

QMS complies to requirements of ISO 9001:2008

PIPE RANGE

AS/NZS 4130:
- POLYETHYLENE (PE) PIPES FOR PRESSURE APPLICATIONS

16mm-800mm OD

PN4/SDR41* - PN25/SDR7.4

Pipe colour to suit required application (jacketed/sheathed, striped & customised)

APPLICATION	STRIPE/SHEATH
Miscellaneous	Black
Potable Water	Blue
Recycled Water	Purple
Sewer Rising Mains	Cream
Fire Mains	Red
Mining (Above ground)	White
Gravity Sewer	Grey
Electrical	Orange
Gas PE	Yellow

Note: PE pipe manufacture may be subject to minimum manufacturing quantities

* Lengths: 6m, 12m and 20m maximum. 25m - 200m coils (DN 140)

RANGE FITTINGS

- Electrofusion Couplings & Equipment
- Electrofusion & Butt Weld Spigots
 - > Short (BW only)
 - > Long (EF & BW)
- Fabricated
 - > Segmented
 - > Sweep
- Compression
 - > Metric
 - > Rural

Standards Compliant: AS/NZS 4129 & AS/NZS 4139

TECHNICAL INFORMATION

MECHANICAL PROPERTIES

- High tensile strength with a high resistance against fast and slow crack propagation
- Very high impact strength
- High elongation to breaking

WEATHERING

UV Protective additives such as carbon black as specified in AS/NZS 4130 and hindered amine light stabilisers (HALS) are added to minimise degradation. The use of carbon black as an added UV stabiliser greatly assists prolonging the life of pipe exposed to Ultra Violet Light; therefore black pipes dominate general use in above ground applications. Pipes of colour other than black should be protected from direct sunlight during storage, particularly if they are to be stored for more than 2 years.

ABRASION RESISTANCE

Excellent resistance against abrasion, therefore PE piping systems are used in numerous applications for conveying solids and slurries.

CHEMICAL RESISTANCE

Please consult your Viadux Customer Service Representative.

INSTALLATION

Standards typically used for the installation of PE pipe systems include, but are not limited to:

AS/NZS 2566 'Buried Flexible Pipelines - Part 1: Design and Part 2: Installation'.

AS/NZS 2566 Supplement 'Buried Flexible Pipelines - Part 1 Structural Design - Commentary'

AS/NZS 2033 Installation of Polyethylene Pipe System

AS/NZS 3500 Plumbing and Drainage

WORKING TEMPERATURE

The Maximum Allowable Operating Pressure (MAOP) of a Polyethylene (PE) pipe system is influenced by the temperature of the pipe wall. The nominal pressure rating (PN) assigned to an AS/NZS 4130 PE pipe equates to performance at 20°C, i.e. a PN 16 pipe is capable of withstanding a MAOP of 160m head (1.6MPa or 16 bar pressure) when operating continuously at a uniform wall temperature of 20°C. In situations where the temperature of the pipe wall increases, the MAOP of the pipe is reduced. Therefore the Polyethylene pipe system will be required to be re-rated with the increasing temperature.

PACKAGING, HANDLING AND STORAGE

Polyethylene (PE) pipe is tough and resilient. However its relative lightness can be deceptive when considering the safety aspects of moving and handling. It can also be damaged by excessive scuffing or gouging of ends, external and internal surfaces during loading, unloading and transfer operations.

TRANSPORT

PE pipes should be transported on a flat-bed, container or curtain-side type vehicle, free from sharp objects and any projections. Care should be taken to ensure the size, shape, weight and centre of gravity are such that the stability and security of the load is not compromised throughout the transport journey. Furthermore, nothing should be placed on top of PE pipes during transport which could cause the pipe to deform.

LOADING AND UNLOADING

Wide slings should be used to lift pipe bundles by crane. Chains, hooks or wire rope slings should not be used since they can slip and gouge or abrade the pipe surface. Strapping or banding straps used to retain packs and bundles must not be used for lifting or handling. Allowance should be made for deflection or bending of pipes during all loading and unloading operations.

Depending on the terrain, standard forklifts can generally be used for lengths up to 6m. If a forklift is used, contact points must be protected from damage and forklift tines must not be inserted between the windings of the coils. Longer lengths should be lifted and moved by equipment fitted with loadspreading beams or attachments. Cranes or Hiabs can be efficient and safe provided precautions are made for correct slinging of the load and operation of the equipment. Larger diameter pipes (e.g. 355mm OD and over) should be handled individually. These are generally less stable than bundled lengths and will move freely unless adequately restrained.

Pipes which have been held or restrained in bundles or singly by strapping or banding etc. during storage, handling and transportation will hold considerable amounts of stored energy. Thermal expansion and contraction contributes to the amount and the direction of the stored energy. This stored energy can be hazardous if released incorrectly.

STORAGE

Pipe should not be stored in direct contact with the ground. Timber battens or other suitable means should be placed under the pipe in uniform spacing. Stack height should be limited to prevent pipe from losing shape due to imposed loads. Nothing should be placed on top of PE pipes during storage which could cause pipe to deform. Pipe stacks should be pegged, chocked or otherwise secured to prevent pipes rolling or falling.

Bundled packs should be stacked so that their packaging battens are in line with each other. This will facilitate easy access by the forklift truck or side loader. Where battens are not aligned additional rigid dunnage should be placed between bundles. Coils can be stored flat on a solid flat surface or in a near vertical position to prevent distortion.

Impact, abrasion and contact with hot surfaces such as vehicle exhausts can damage pipes and pipe ends. Covered storage should be considered if prolonged exposure to direct sunlight is envisaged as well as storage away from sources of direct heat or fire. Pipe should not be stored where there is a possibility of contact with chemicals (e.g. lubricating/hydraulic oils, solvents, conditioning fluids etc). Pipe which has been heavily contaminated with such substances should be scrapped.

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POLYETHYLENE PIPE STANDARD DIMENSION RATIOS

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR MISCELLANEOUS APPLICATIONS

SDR 41 -PN4 (PE100)

OD	MEAN S	BORE	KG/M
20	-	-	-
25	-	-	-
32	-	-	-
40	-	-	-
50	-	-	-
63	-	-	-
75	-	-	-
90	-	-	-
110	105	2.9	1.0
125	119	3.4	1.3
140	133	3.8	1.7
160	152	4.3	2.1
180	171	4.7	2.7
200	191	5.2	3.3
225	214	5.9	4.1
250	238	6.6	5.2
280	267	7.3	6.4
315	300	8.2	8.0
355	338	9.2	10.2
400	380	10.4	12.9
450	429	11.6	16.2
500	476	13.0	20.3
560	534	14.5	25.2
630	600	16.3	31.9
710	677	18.4	40.5
800	762	20.7	51.4

SDR 26 -PN 6.3 (PE100)

OD	MEAN S	BORE	KG/M
20	-	-	-
25	-	-	-
32	-	-	-
40	-	-	-
50	-	-	-
63	58	2.6	0.5
75	69	3.1	0.7
90	83	3.8	1.0
110	101	4.6	1.6
125	115	5.1	2.0
140	129	5.8	2.5
160	148	6.6	3.3
180	166	7.3	4.0
200	185	8.2	5.0
225	208	9.1	6.3
250	231	10.2	7.8
280	259	11.3	9.7
315	291	12.8	12.4
355	328	14.4	15.6
400	370	16.2	19.8
450	416	18.2	25.0
500	462	20.2	30.9
560	517	22.6	38.7
630	582	25.4	49.0
710	656	28.7	62.2
800	739	32.2	78.8

SDR 21 -PN 8 (PE100)

OD	MEAN S	BORE	KG/M
20	-	-	-
25	-	-	-
32	29	1.8	0.2
40	36	2.1	0.3
50	45	2.6	0.4
63	58	2.6	0.5
75	69	3.1	0.7
90	83	3.8	1.0
110	101	4.6	1.6
125	115	5.1	2.0
140	129	5.8	2.5
160	148	6.6	3.3
180	166	7.3	4.0
200	185	8.2	5.0
225	208	9.1	6.3
250	231	10.2	7.8
280	259	11.3	9.7
315	291	12.8	12.4
355	328	14.4	15.6
400	370	16.2	19.8
450	416	18.2	25.0
500	462	20.2	30.9
560	517	22.6	38.7
630	582	25.4	49.0
710	656	28.7	62.2
800	739	32.2	78.8

STANDARDS

Viadux is committed to total quality management; this is reinforced by the following accreditations:-

StandardsMark Licence No: SMKP21482

WaterMark Certificate No: WMKA21482

ISO 9001:2008 Licence No:QEC24573

Water Services Association of Australia (WSAA) Product Appraisal Report PA 08/12 Issue 3



S = mean wall thickness

STANDARD DIMENSION RATIOS

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR MISCELLANEOUS APPLICATIONS

SDR 17 - PN 10 (PE100)

OD	MEAN S	BORE	KG/M
20	-	-	-
25	22	1.8	0.1
32	28	2.1	0.2
40	35	2.6	0.3
50	44	3.2	0.5
63	55	4.1	0.8
75	66	4.8	1.1
90	79	5.8	1.6
110	97	7.0	2.3
125	110	7.9	2.9
140	123	8.8	3.7
160	141	10.1	4.8
180	158	11.3	6.1
200	176	12.6	7.5
225	198	14.2	9.5
250	220	15.6	11.7
280	246	17.5	14.6
315	277	19.7	18.5
355	311	22.3	23.6
400	352	25.0	29.8
450	396	28.1	37.7
500	440	31.2	46.5
560	493	35.0	58.4
630	554	39.3	73.8
710	625	44.3	93.8
800	704	49.9	118.9

SDR 13.6 - PN 12.5 (PE100)

OD	MEAN S	BORE	KG/M
20	17.8	0.1	
25	21	2.1	0.2
32	27	2.6	0.2
40	34	3.2	0.4
50	42	4.0	0.6
63	53	5.0	0.9
75	64	5.9	1.3
90	76	7.0	1.9
110	93	8.6	2.8
125	106	9.8	3.6
140	119	10.9	4.5
160	136	12.5	5.9
180	153	14.1	7.4
200	170	15.5	9.1
225	191	17.5	11.6
250	212	19.4	14.3
280	238	21.7	17.8
315	268	24.5	22.6
355	302	27.5	28.7
400	340	31.0	36.3
450	382	34.9	46.0
500	425	38.7	56.7
560	476	43.4	71.2
630	535	48.7	90.0
710	603	54.9	114.3
800	680	61.8	144.9

SDR 11 - PN 16 (PE100)

OD	MEAN S	BORE	KG/M
20	12.1	0.1	
25	20	2.5	0.2
32	26	3.1	0.3
40	32	4.0	0.5
50	40	4.9	0.7
63	51	6.2	1.1
75	61	7.2	1.6
90	73	8.7	2.3
110	89	10.6	3.3
125	102	12.1	4.3
140	114	13.4	5.4
160	130	15.4	7.1
180	146	17.3	9.0
200	163	19.2	11.1
225	183	21.6	14.0
250	203	23.9	17.2
280	228	26.8	21.5
315	256	30.1	27.3
355	289	33.9	34.6
400	325	38.2	43.9
450	366	43.0	55.6
500	407	47.8	68.6
560	456	53.4	85.9
630	513	60.2	108.9
710	578	67.8	138.2
800	651	76.3	175.3

SDR 9 - PN 20 (PE100)

OD	MEAN S	BORE	KG/M
20	12.5	0.1	
25	19	3.0	0.2
32	24	3.9	0.3
40	31	4.8	0.5
50	38	6.0	0.8
63	48	7.6	1.3
75	58	8.9	1.9
90	69	10.7	2.7
110	85	13.0	4.0
125	96	14.8	5.2
140	108	16.6	6.5
160	123	18.9	8.5
180	138	21.2	10.7
200	154	23.6	13.2
225	173	26.5	16.7
250	192	29.4	20.6
280	215	33.0	25.9
315	242	37.1	32.7
355	273	41.7	41.4
400	308	47.0	52.6
450	346	52.8	66.5
500	385	58.7	82.1
560	430	65.7	103.0
630	484	73.9	130.3
710	547	83.4	165.6
800	616	93.9	210.1

S = mean wall thickness

SDR/PN CONVERSIONS FOR PE80 AND PE100

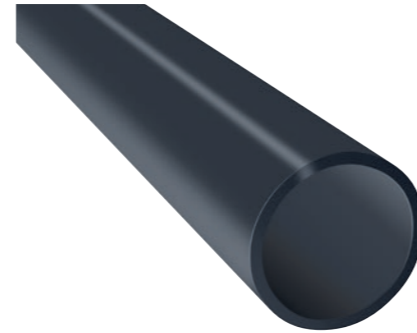
SDR	41	33	26	21	17	13.6	11	9	7.4
PE80	PN3.2	PN4	-	PN6.3	PN8	PN10	PN12.5	PN16	PN20
PE100	PN4	-	PN6.3	PN8	PN10	PN12.5	PN16	PN20	PN25

POLYETHYLENE PIPE BLACK

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR MISCELLANEOUS APPLICATIONS

PE100 BLK – PN 4

CODE	SIZE	DESCRIPTION	LENGTH
P1311.005.160	160mm	PE Pipe Black Pn4 Pe100	12m
P1311.005.180	180mm	PE Pipe Black Pn4 Pe100	12m
701930	200mm	PE Pipe Black Pn4 Pe100	12m
P1311.005.225	225mm	PE Pipe Black Pn4 Pe100	12m
1431378	250mm	PE Pipe Black Pn4 Pe100	12m
700188	280mm	PE Pipe Black Pn4 Pe100	12m
1431352	315mm	PE Pipe Black Pn4 Pe100	12m
1431338	355mm	PE Pipe Black Pn4 Pe100	12m
1431323	400mm	PE Pipe Black Pn4 Pe100	12m
1431313	450mm	PE Pipe Black Pn4 Pe100	12m
1431303	500mm	PE Pipe Black Pn4 Pe100	12m
1431292	560mm	PE Pipe Black Pn4 Pe100	12m
1431281	630mm	PE Pipe Black Pn4 Pe100	12m



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Long life
- Trenchless construction

PE100 BLK – PN 6.3

CODE	SIZE	DESCRIPTION	LENGTH
1431427	160mm	PE100 BLK ADV PN6.3	12m
1431406	180mm	PE Pipe Black Pn6.3 Pe100	12m
P1312.005.200	200mm	PE Pipe Black Pn6.3 Pe100	12m
1431382	225mm	PE Pipe Black Pn6.3 Pe100	12m
P1312.005.250	250mm	PE Pipe Black Pn6.3 Pe100	12m
1431355	280mm	PE Pipe Black Pn6.3 Pe100	12m
1431351	315mm	PE Pipe Black Pn6.3 Pe100	12m
1431337	355mm	PE Pipe Black Pn6.3 Pe100	12m
1431325	400mm	PE Pipe Black Pn6.3 Pe100	12m
1431315	450mm	PE Pipe Black Pn6.3 Pe100	12m
P1312.005.500	500mm	PE Pipe Black Pn6.3 Pe100	12m
1431291	560mm	PE Pipe Black Pn6.3 Pe100	12m
P1312.005.630	630mm	PE Pipe Black Pn6.3 Pe100	12m

BLACK

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR MISCELLANEOUS APPLICATIONS

PE100 BLACK – PN 8

CODE	SIZE	DESCRIPTION	LENGTH
P1313.005.090	90mm	PE100 BLK PN8	12m
1431449	110mm	PE Pipe Black Pn8 Pe100	12m
1431442	125mm	PE100 BLK PN8	12m
P1313.005.140	140mm	PE100 BLK PN8	12m
1431416	160mm	PE Pipe Black Pn8 Pe100	12m
701691	180mm	PE100 BLK PN8	12m
1431405	200mm	PE100 BLK PN8	12m
1431391	225mm	PE Pipe Black Pn8 Pe100	12m
1402775	250mm	PE Pipe Black Pn8 Pe100	12m
1431365	280mm	PE Pipe Black Pn8 Pe100	12m
700192	315mm	PE Pipe Black Pn8 Pe100	12m
1431508	355mm	PE Pipe Black Pn8 Pe100	12m
1402777	400mm	PE Pipe Black Pn8 Pe100	12m
1431314	450mm	PE Pipe Black Pn8 Pe100	12m
1402779	500mm	PE Pipe Black Pn8 Pe100	12m
1402782	560mm	PE Pipe Black Pn8 Pe100	12m
1402785	630mm	PE Pipe Black Pn8 Pe100	12m
1402788	710mm	PE Pipe Black Pn8 Pe100	12m
1402791	800mm	PE Pipe Black Pn8 Pe100	12m

GENERAL APPLICATION

PE100 Black is a solid walled pipe manufactured to AS/NZS 4130 for miscellaneous pressure applications.

TECHNICAL DATA

Temperature Range: -30°C to +60°C

Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3

Standard: AS/NZS 4130

PE100 BLACK – PN 10

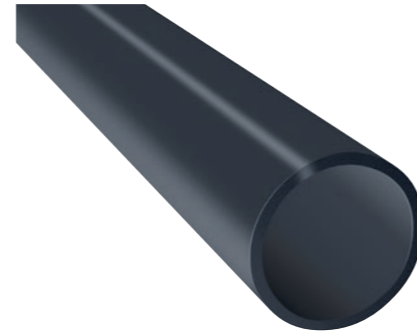
CODE	SIZE	DESCRIPTION	LENGTH
1431256	90mm	PE Pipe Black Pn10 Pe100	12m
1402458	110mm	PE Pipe Black Pn10 Pe100	12m
700160	125mm	PE Pipe Black Pn10 Pe100	12m
1431430	140mm	PE Pipe Black Pn10 Pe100	12m
1402460	160mm	PE Pipe Black Pn10 Pe100	12m
1431407	180mm	PE Pipe Black Pn10 Pe100	12m
1402461	200mm	PE Pipe Black Pn10 Pe100	12m
1402464	225mm	PE Pipe Black Pn10 Pe100	12m
1402465	250mm	PE Pipe Black Pn10 Pe100	12m
1402468	280mm	PE Pipe Black Pn10 Pe100	12m
1402470	315mm	PE Pipe Black Pn10 Pe100	12m
1402472	355mm	PE Pipe Black Pn10 Pe100	12m
1402474	400mm	PE Pipe Black Pn10 Pe100	12m
1402476	450mm	PE Pipe Black Pn10 Pe100	12m
700248	500mm	PE Pipe Black Pn10 Pe100	12m
P1314.005.560	560mm	PE Pipe Black Pn10 Pe100	12m
1431278	630mm	PE Pipe Black Pn10 Pe100	12m
1431271	710mm	PE Pipe Black Pn10 Pe100	12m
P1314.005.800	800mm	PE Pipe Black Pn10 Pe100	12m

POLYETHYLENE PIPE BLACK

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR MISCELLANEOUS APPLICATIONS

PE100 BLACK – PN 12.5

CODE	SIZE	DESCRIPTION	LENGTH
1431255	90mm	PE Pipe Black Pn12.5 Pe100	12m
1430092	110mm	PE Pipe Black Pn12.5 Pe100	12m
1431443	125mm	PE Pipe Black Pn12.5 Pe100	12m
P1315.005.140	140mm	PE Pipe Black Pn12.5 Pe100	12m
1401423	160mm	PE Pipe Black Pn12.5 Pe100	12m
1431415	180mm	PE Pipe Black Pn12.5 Pe100	12m
1402462	200mm	PE Pipe Black Pn12.5 Pe100	12m
1431393	225mm	PE Pipe Black Pn12.5 Pe100	12m
P1315.005.250	250mm	PE Pipe Black Pn12.5 Pe100	12m
P1315.005.280	280mm	PE Pipe Black Pn12.5 Pe100	12m
1402471	315mm	PE Pipe Black Pn12.5 Pe100	12m
P1315.005.355	355mm	PE Pipe Black Pn12.5 Pe100	12m
P1315.005.400	400mm	PE Pipe Black Pn12.5 Pe100	12m
1431311	450mm	PE Pipe Black Pn12.5 Pe100	12m
1402780	500mm	PE Pipe Black Pn12.5 Pe100	12m
P1315.005.560	560mm	PE Pipe Black Pn12.5 Pe100	12m
1402786	630mm	PE Pipe Black Pn12.5 Pe100	12m
P1315.005.710	710mm	PE Pipe Black Pn12.5 Pe100	12m
P1315.005.800	800mm	PE Pipe Black Pn12.5 Pe100	12m



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Long life
- Trenchless construction

PE100 BLACK – PN 16

CODE	SIZE	DESCRIPTION	LENGTH
P1316.008.040	40mm	PE Pipe Black Pn16 Pe100	50m
1430160	40mm	PE Pipe Black Pn16 Pe100	150m
700256	50mm	PE Pipe Black Pn16 Pe100	50m
1401411	50mm	PE Pipe Black Pn16 Pe100	150m
1401888	63mm	PE Pipe Black Pn16 Pe100	6m
P1316.008.063	63mm	PE Pipe Black Pn16 Pe100	50m
P1316.009.063	63mm	PE Pipe Black Pn16 Pe100	100m
1401891	75mm	PE Pipe Black Pn16 Pe100	6m
P1316.005.075	75mm	PE Pipe Black Pn16 Pe100	12m
700297	75mm	PE Pipe Black Pn16 Pe100	100m
1401892	90mm	PE Pipe Black Pn16 Pe100	6m
1430096	90mm	PE Pipe Black Pn16 Pe100	12m
P1316.008.090	90mm	PE Pipe Black Pn16 Pe100	50m
P1316.009.090	90mm	PE Pipe Black Pn16 Pe100	100m
1401893	110mm	PE Pipe Black Pn16 Pe100	6m
1430097	110mm	PE Pipe Black Pn16 Pe100	12m
1430113	110mm	PE Pipe Black Pn16 Pe100	100m
P1316.003.125	125mm	PE Pipe Black Pn16 Pe100	6m
1430161	125mm	PE Pipe Black Pn16 Pe100	12m
P1316.005.140	140mm	PE Pipe Black Pn16 Pe100	12m

BLACK

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR MISCELLANEOUS APPLICATIONS

PE100 BLACK – PN 16 (CONTINUED)

CODE	SIZE	DESCRIPTION	LENGTH
1430098	160mm	PE Pipe Black Pn16 Pe100	12m
1431414	180mm	PE Pipe Black Pn16 Pe100	12m
1402463	200mm	PE Pipe Black Pn16 Pe100	12m
1431383	225mm	PE Pipe Black Pn16 Pe100	12m
1402467	250mm	PE Pipe Black Pn16 Pe100	12m
1402469	280mm	PE Pipe Black Pn16 Pe100	12m
1430149	315mm	PE Pipe Black Pn16 Pe100	12m
1402473	355mm	PE Pipe Black Pn16 Pe100	12m
1402475	400mm	PE Pipe Black Pn16 Pe100	12m
1402477	450mm	PE Pipe Black Pn16 Pe100	12m
P1316.005.500	500mm	PE Pipe Black Pn16 Pe100	12m
1402784	560mm	PE Pipe Black Pn16 Pe100	12m
P1316.005.630	630mm	PE Pipe Black Pn16 Pe100	12m
1402790	710mm	PE Pipe Black Pn16 Pe100	12m
1402793	800mm	PE Pipe Black Pn16 Pe100	12m

GENERAL APPLICATION

PE100 Black is a solid walled pipe manufactured to AS/NZS 4130 for miscellaneous pressure applications.

TECHNICAL DATA

Temperature Range: -30°C to +60°C

Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3

Standard: AS/NZS 4130

PE100 BLACK – PN 20

CODE	SIZE	DESCRIPTION	LENGTH
1431452	110mm	PE Pipe Black Pn20 Pe100	12m
1431441	125mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.140	140mm	PE Pipe Black Pn20 Pe100	12m
1431423	160mm	PE Pipe Black Pn20 Pe100	12m
1431413	180mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.200	200mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.225	225mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.250	250mm	PE Pipe Black Pn20 Pe100	12m
1431362	280mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.315	315mm	PE Pipe Black Pn20 Pe100	12m
700186	355mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.400	400mm	PE Pipe Black Pn20 Pe100	12m
1431304	450mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.500	500mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.560	560mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.630	630mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.710	710mm	PE Pipe Black Pn20 Pe100	12m
P1317.005.800	800mm	PE Pipe Black Pn20 Pe100	12m

Other lengths available upon request, subject to manufacturing volumes

POLYETHYLENE PIPE BLUE STRIPE

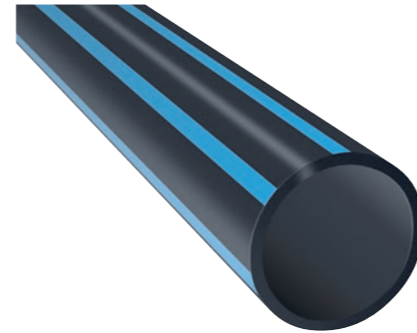
METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR POTABLE WATER APPLICATIONS

PE100 BLUE STRIPE – PN 8

CODE	SIZE	DESCRIPTION	LENGTH
P1223.011.032	32mm	PE Pipe B/Stripe Pn8 Pe100	200m
P1223.010.040	40mm	PE Pipe B/Stripe Pn8 Pe100	150m
P1223.010.050	50mm	PE Pipe B/Stripe Pn8 Pe100	150m
P1223.012.050	50mm	PE Pipe B/Stripe Pn8 Pe100	300m
700294	63mm	PE Pipe B/Stripe Pn8 Pe100	100m
1430143	63mm	PE Pipe B/Stripe Pn8 Pe100	200m
700301	75mm	PE Pipe B/Stripe Pn8 Pe100	100m
P1223.009.090	90mm	PE Pipe B/Stripe Pn8 Pe100	100m
P1223.009.110	110mm	PE Pipe B/Stripe Pn8 Pe100	100m
P1223.005.110	110mm	PE Pipe B/Stripe Pn8 Pe100	12m
P1223.009.125	125mm	PE Pipe B/Stripe Pn8 Pe100	100m
P1223.005.125	125mm	PE Pipe B/Stripe Pn8 Pe100	12m
P1223.005.140	140mm	PE Pipe B/Stripe Pn8 Pe100	12m
P1223.005.160	160mm	PE Pipe B/Stripe Pn8 Pe100	12m

PE100 BLUE STRIPE – PN 10

CODE	SIZE	DESCRIPTION	LENGTH
P1224.011.025	25mm	PE Pipe B/Stripe Pn10 Pe100	200m
700316	32mm	PE Pipe B/Stripe Pn10 Pe100	200m
P1224.010.040	40mm	PE Pipe B/Stripe Pn10 Pe100	150m
1432783	50mm	PE Pipe B/Stripe Pn10 Pe100	150m
1432797	63mm	PE Pipe B/Stripe Pn10 Pe100	100m
700302	75mm	PE Pipe B/Stripe Pn10 Pe100	100m
P1224.009.090	90mm	PE Pipe B/Stripe Pn10 Pe100	100m
P1224.009.110	110mm	PE Pipe B/Stripe Pn10 Pe100	100m
P1224.009.125	125mm	PE Pipe B/Stripe Pn10 Pe100	100m
P1224.005.125	125mm	PE Pipe B/Stripe Pn10 Pe100	12m
P1224.005.140	140mm	PE Pipe B/Stripe Pn10 Pe100	12m
P1224.005.160	160mm	PE Pipe B/Stripe Pn10 Pe100	12m



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Long life
- Trenchless construction

BLUE STRIPE

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR POTABLE WATER APPLICATIONS

PE100 BLUE STRIPE – PN 12.5

CODE	SIZE	DESCRIPTION	LENGTH
P1225.007.020	20mm	PE Pipe B/Stripe Pn12.5 Pe100	25m
1401232	20mm	PE Pipe B/Stripe Pn12.5 Pe100	50m
1401240	20mm	PE Pipe B/Stripe Pn12.5 Pe100	200m
P1225.007.025	25mm	PE Pipe B/Stripe Pn12.5 Pe100	25m
1401265	25mm	PE Pipe B/Stripe Pn12.5 Pe100	50m
1401275	25mm	PE Pipe B/Stripe Pn12.5 Pe100	200m
P1225.007.032	32mm	PE Pipe B/Stripe Pn12.5 Pe100	25m
1401305	32mm	PE Pipe B/Stripe Pn12.5 Pe100	50m
P1225.009.032	32mm	PE Pipe B/Stripe Pn12.5 Pe100	100m
1401320	32mm	PE Pipe B/Stripe Pn12.5 Pe100	200m
P1225.007.040	40mm	PE Pipe B/Stripe Pn12.5 Pe100	25m
1401342	40mm	PE Pipe B/Stripe Pn12.5 Pe100	50m
1401350	40mm	PE Pipe B/Stripe Pn12.5 Pe100	150m
P1225.007.050	50mm	PE Pipe B/Stripe Pn12.5 Pe100	25m
1401372	50mm	PE Pipe B/Stripe Pn12.5 Pe100	50m
1401380	50mm	PE Pipe B/Stripe Pn12.5 Pe100	150m
1401847	63mm	PE Pipe B/Stripe Pn12.5 Pe100	50m
1401410	63mm	PE Pipe B/Stripe Pn12.5 Pe100	100m
P1225.009.075	75mm	PE Pipe B/Stripe Pn12.5 Pe100	100m
P1225.011.090	90mm	PE Pipe B/Stripe Pn12.5 Pe100	100m
P1225.008.110	110mm	PE Pipe B/Stripe Pn12.5 Pe100	50m
1430084	110mm	PE Pipe B/Stripe Pn12.5 Pe100	100m
1430086	110mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.009.125	125mm	PE Pipe B/Stripe Pn12.5 Pe100	100m
P1225.005.125	125mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.009.140	140mm	PE Pipe B/Stripe Pn12.5 Pe100	100m
P1225.005.140	140mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
1431426	160mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
1401864	180mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.200	200mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.225	225mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.250	250mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.280	280mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.315	315mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.355	355mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.400	400mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.450	450mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.500	500mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.560	560mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.630	630mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.710	710mm	PE Pipe B/Stripe Pn12.5 Pe100	12m
P1225.005.800	800mm	PE Pipe B/Stripe Pn12.5 Pe100	12m

GENERAL APPLICATION

PE100 Blue Stripe is a solid walled pipe manufactured to AS/NZS 4130 for pressure potable water applications. The pipe features blue coloured stripes around the circumference to provide identification.

TECHNICAL DATA

Temperature Range: -30°C to +60°C

Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3

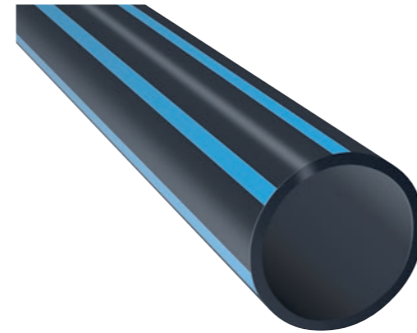
Standard: AS/NZS 4130

POLYETHYLENE PIPE BLUE STRIPE

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR POTABLE WATER APPLICATIONS

PE100 BLUE STRIPE – PN 16

CODE	SIZE	DESCRIPTION	LENGTH
1401220	16mm	PE100 BLU	300m
P1226.007.020	20mm	PE100 BLU	25m
302151	20mm	PE100 BLU	50m
1401510	20mm	PE100 BLU	200m
P1226.007.025	25mm	PE100 BLU	25m
1401532	25mm	PE100 BLU	50m
1401540	25mm	PE100 BLU	200m
1431230	25mm	PE100 BLU	6m
P1226.007.032	32mm	PE100 BLU	25m
1401876	32mm	PE100 BLU	50m
1401881	32mm	PE100 BLU	200m
1431231	32mm	PE100 BLU	6m
700226	40mm	PE100 BLU	25m
1401877	40mm	PE100 BLU	50m
1401882	40mm	PE100 BLU	150m
700264	50mm	PE100 BLU	12m
303000	50mm	PE100 BLU	25m
1401878	50mm	PE100 BLU	50m
1401883	50mm	PE100 BLU	150m
P1226.005.063	63mm	PE100 BLU	12m
1401874	63mm	PE100 BLU	50m
1401872	63mm	PE100 BLU	100m
1431234	63mm	PE100 BLU	6m
1401886	75mm	PE100 BLU	100m
1401887	90mm	PE Pipe B/Stripe Pn16 Pe100	100m
700309	90mm	PE Pipe B/Stripe Pn16 Pe100	12m
700146	110mm	PE Pipe B/Stripe Pn16 Pe100	100m
700147	110mm	PE Pipe B/Stripe Pn16 Pe100	12m
1401843	125mm	PE Pipe B/Stripe Pn16 Pe100	100m
1401842	125mm	PE Pipe B/Stripe Pn16 Pe100	12m
P1226.005.140	140mm	PE Pipe B/Stripe Pn16 Pe100	12m
P1226.009.140	140mm	PE Pipe B/Stripe Pn16 Pe100	100m
1431428	160mm	PE Pipe B/Stripe Pn16 Pe100	12m
1401841	180mm	PE Pipe B/Stripe Pn16 Pe100	12m
700172	200mm	PE Pipe B/Stripe Pn16 Pe100	12m
1431387	225mm	PE Pipe B/Stripe Pn16 Pe100	12m
1431370	250mm	PE Pipe B/Stripe Pn16 Pe100	12m
1431363	280mm	PE Pipe B/Stripe Pn16 Pe100	12m
1431344	315mm	PE Pipe B/Stripe Pn16 Pe100	12m
1431329	355mm	PE Pipe B/Stripe Pn16 Pe100	12m



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Long life
- Trenchless construction

BLUE STRIPE

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR POTABLE WATER APPLICATIONS

PE100 BLUE STRIPE – PN 16 (CONTINUED)

CODE	SIZE	DESCRIPTION	LENGTH
1431324	400mm	PE100 BLU STRIPE PN16	12m
1431312	450mm	PE100 BLU STRIPE PN16	12m
1431295	500mm	PE100 BLU STRIPE PN16	12m
700267	560mm	PE100 BLU STRIPE PN16	12m
700271	630mm	PE100 BLU STRIPE PN16	12m
P1226.005.710	710mm	PE100 BLU STRIPE PN16	12m
P1226.005.800	800mm	PE100 BLU STRIPE PN16	12m

PE100 BLUE STRIPE – PN 20

CODE	SIZE	DESCRIPTION	LENGTH
P1227.005.110	110mm	PE100 BLU STRIPE PN20	12m
1431441	125mm	PE100 BLU STRIPE PN20	12m
P1227.005.140	140mm	PE100 BLU STRIPE PN20	12m
P1227.005.160	160mm	PE100 BLU STRIPE PN20	12m
P1227.005.180	180mm	PE100 BLU STRIPE PN20	12m
P1227.005.200	200mm	PE100 BLU STRIPE PN20	12m
701681	225mm	PE100 BLU STRIPE PN20	12m
P1227.005.250	250mm	PE100 BLU STRIPE PN20	12m
P1227.005.280	280mm	PE100 BLU STRIPE PN20	12m
P1227.005.315	315mm	PE100 BLU STRIPE PN20	12m
P1227.005.355	355mm	PE100 BLU STRIPE PN20	12m
700217	400mm	PE100 BLU STRIPE PN20	12m
P1227.005.450	450mm	PE100 BLU STRIPE PN20	12m
P1227.005.500	500mm	PE100 BLU STRIPE PN20	12m
P1227.005.560	560mm	PE100 BLU STRIPE PN20	12m
P1227.005.630	630mm	PE100 BLU STRIPE PN20	12m
P1227.005.710	710mm	PE100 BLU STRIPE PN20	12m
P1227.005.800	800mm	PE100 BLU STRIPE PN20	12m

Other lengths available upon request, subject to manufacturing volumes

GENERAL APPLICATION

PE100 Blue Stripe is a solid walled pipe manufactured to AS/NZS 4130 for pressure potable water applications. The pipe features blue coloured stripes around the circumference to provide identification.

TECHNICAL DATA

Temperature Range: -30°C to +60°C

Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3

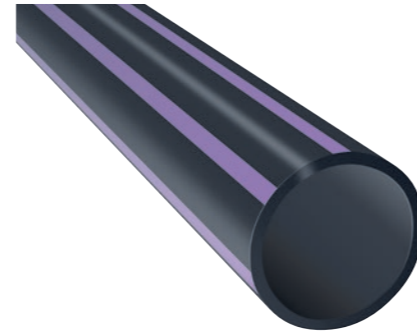
Standard: AS/NZS 4130

POLYETHYLENE PIPE PURPLE STRIPE

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR RECYCLED WATER APPLICATIONS

PE100 PURPLE STRIPE – PN 12.5

CODE	SIZE	DESCRIPTION	LENGTH
P1265.007.025	25mm	PE100 PUR STRIPE PN12.5	25m
1430123	25mm	PE100 PUR STRIPE PN12.5	50m
P1265.011.025	25mm	PE100 PUR STRIPE PN12.5	200m
1430137	32mm	PE100 PUR STRIPE PN12.5	200m
1430059	40mm	PE100 PUR STRIPE PN12.5	150m
1401663	50mm	PE100 PUR STRIPE PN12.5	50m
1430121	50mm	PE100 PUR STRIPE PN12.5	150m
1401418	63mm	PE100 PUR STRIPE PN12.5	100m
1401419	75mm	PE100 PUR STRIPE PN12.5	100m
1401420	90mm	PE100 PUR STRIPE PN12.5	100m
P1265.005.090	90mm	PE100 PUR STRIPE PN12.5	12m
1401421	110mm	PE100 PUR STRIPE PN12.5	100m
1431254	125mm	PE100 PUR STRIPE PN12.5	100m
P1265.005.125	125mm	PE100 PUR STRIPE PN12.5	12m
P1265.008.140	140mm	PE100 PUR STRIPE PN12.5	50m
P1265.005.140	140mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.160	160mm	PE100 PUR STRIPE PN12.5	12m
1431411	180mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.200	200mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.225	225mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.250	250mm	PE100 PUR STRIPE PN12.5	12m
700189	280mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.315	315mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.355	355mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.400	400mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.450	450mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.500	500mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.560	560mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.630	630mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.710	710mm	PE100 PUR STRIPE PN12.5	12m
P1265.005.800	800mm	PE100 PUR STRIPE PN12.5	12m



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Long life
- Trenchless construction

POLYETHYLENE PIPE PURPLE STRIPE

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR RECYCLED WATER APPLICATIONS

PE100 PURPLE STRIPE – PN 16

CODE	SIZE	DESCRIPTION	LENGTH
1430118	25mm	PE100 PUR STRIPE PN16	200m
P1266.003.025	25mm	PE100 PUR STRIPE PN16	6m
1430119	32mm	PE100 PUR STRIPE PN16	200m
P1266.003.032	32mm	PE100 PUR STRIPE PN16	6m
P1266.010.040	40mm	PE100 PUR STRIPE PN16	150m
P1266.010.050	50mm	PE100 PUR STRIPE PN16	150m
700284	63mm	PE100 PUR STRIPE PN16	100m
P1266.003.063	63mm	PE100 PUR STRIPE PN16	6m
P1266.009.075	75mm	PE100 PUR STRIPE PN16	100m
701682	90mm	PE100 PUR STRIPE PN16	100m
P1266.005.090	90mm	PE100 PUR STRIPE PN16	12m
P1266.003.090	90mm	PE100 PUR STRIPE PN16	6m
700058	110mm	PE100 PUR STRIPE PN16	100m
P1266.009.125	125mm	PE100 PUR STRIPE PN16	100m
1431437	125mm	PE100 PUR STRIPE PN16	12m
P1266.005.140	140mm	PE100 PUR STRIPE PN16	12m
P1266.009.140	140mm	PE100 PUR STRIPE PN16	100m
P1266.005.160	160mm	PE100 PUR STRIPE PN16	12m
1431410	180mm	PE100 PUR STRIPE PN16	12m
1431400	200mm	PE100 PUR STRIPE PN16	12m
P1266.005.225	225mm	PE100 PUR STRIPE PN16	12m
P1266.005.250	250mm	PE100 PUR STRIPE PN16	12m
1431359	280mm	PE100 PUR STRIPE PN16	12m
P1266.005.315	315mm	PE100 PUR STRIPE PN16	12m
1431330	355mm	PE100 PUR STRIPE PN16	12m
P1266.005.400	400mm	PE100 PUR STRIPE PN16	12m
700245	450mm	PE100 PUR STRIPE PN16	12m
P1266.005.500	500mm	PE100 PUR STRIPE PN16	12m
P1266.005.560	560mm	PE100 PUR STRIPE PN16	12m
P1266.005.630	630mm	PE100 PUR STRIPE PN16	12m
P1266.005.710	710mm	PE100 PUR STRIPE PN16	12m
P1266.005.800	800mm	PE100 PUR STRIPE PN16	12m

GENERAL APPLICATION

PE100 Purple Stripe is a solid walled pipe manufactured to AS/NZS 4130 for recycled water applications. The pipe features purple coloured stripes around the circumference to provide identification.

TECHNICAL DATA

Temperature Range: -30°C to +60°C

Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3

Standard: AS/NZS 4130

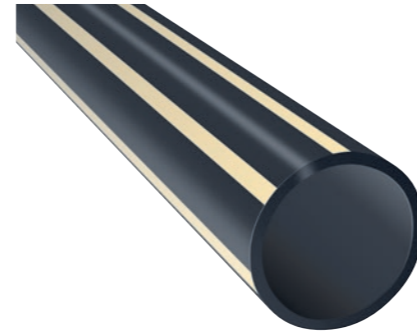
Other lengths available upon request, subject to manufacturing volumes

POLYETHYLENE PIPE CREAM STRIPE

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130
FOR SEWER RISING MAIN APPLICATIONS

PE100 CREAM STRIPE – PN 12.5

CODE	SIZE	DESCRIPTION	LENGTH
700144	110mm	PE100 CRM STRIPE PN12.5	12m
701683	125mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.140	140mm	PE100 CRM STRIPE PN12.5	12m
700168	160mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.180	180mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.200	200mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.225	225mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.250	250mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.280	280mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.315	315mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.355	355mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.400	400mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.450	450mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.500	500mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.560	560mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.630	630mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.710	710mm	PE100 CRM STRIPE PN12.5	12m
P1295.005.800	800mm	PE100 CRM STRIPE PN12.5	12m



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Long life
- Trenchless construction

CREAM STRIPE

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130
FOR SEWER RISING MAIN APPLICATIONS

PE100 CREAM STRIPE – PN 16

CODE	SIZE	DESCRIPTION	LENGTH
1431871	40mm	PE100 CRM STRIPE PN16	50m
1431656	40mm	PE100 CRM STRIPE PN16	150m
303001	50mm	PE100 CRM STRIPE PN16	50m
1431657	50mm	PE100 CRM STRIPE PN16	15m
1431704	63mm	PE100 CRM STRIPE PN16	50m
701618	63mm	PE100 CRM STRIPE PN16	100m
700304	75mm	PE100 CRM STRIPE PN16	100m
P1296.008.090	90mm	PE100 CRM STRIPE PN16	50m
701439	90mm	PE100 CRM STRIPE PN16	100m
700311	90mm	PE100 CRM STRIPE PN16	12m
700145	110mm	PE100 CRM STRIPE PN16	100m
1431703	110mm	PE100 CRM STRIPE PN16	12m
1431439	125mm	PE100 CRM STRIPE PN16	12m
P1296.005.140	140mm	PE100 CRM STRIPE PN16	12m
700169	160mm	PE100 CRM STRIPE PN16	12m
1431409	180mm	PE100 CRM STRIPE PN16	12m
700173	200mm	PE100 CRM STRIPE PN16	12m
700176	225mm	PE100 CRM STRIPE PN16	12m
1431369	250mm	PE100 CRM STRIPE PN16	12m
1431358	280mm	PE100 CRM STRIPE PN16	12m
700193	315mm	PE100 CRM STRIPE PN16	12m
P1296.005.355	355mm	PE100 CRM STRIPE PN16	12m
1431654	400mm	PE100 CRM STRIPE PN16	12m
700234	450mm	PE100 CRM STRIPE PN16	12m
P1296.005.500	500mm	PE100 CRM STRIPE PN16	12m
700269	560mm	PE100 CRM STRIPE PN16	12m
700272	630mm	PE100 CRM STRIPE PN16	12m
P1296.005.710	710mm	PE100 CRM STRIPE PN16	12m
P1296.005.800	800mm	PE100 CRM STRIPE PN16	12m

GENERAL APPLICATION

PE100 Cream Stripe is a solid walled pipe manufactured to AS/NZS 4130 for sewer rising main applications. The pipe features cream coloured stripes around the circumference to provide identification .

TECHNICAL DATA

Temperature Range: -30°C to +60°C

Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3

Standard: AS/NZS 4130

Other lengths available upon request, subject to manufacturing volumes

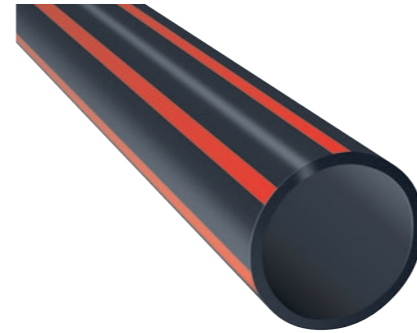
POLYETHYLENE PIPE RED STRIPE

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR FIRE RING MAIN APPLICATIONS

PE100 RED STRIPE – PN 16

CODE	SIZE	DESCRIPTION	LENGTH
P1236.005.090	90mm	PE100 RED STRIPE PN16	12m
1431445	110mm	PE100 RED STRIPE PN16	12m
1402457	125mm	PE100 RED STRIPE PN16	12m
P1236.005.140	140mm	PE100 RED STRIPE PN16	12m
1431417	160mm	PE100 RED STRIPE PN16	12m
1401935	180mm	PE100 RED STRIPE PN16	12m
1431399	200mm	PE100 RED STRIPE PN16	12m
1431384	225mm	PE100 RED STRIPE PN16	12m
1431368	250mm	PE100 RED STRIPE PN16	12m
P1236.005.280	280mm	PE100 RED STRIPE PN16	12m
1431918	315mm	PE100 RED STRIPE PN16	12m
P1236.005.355	355mm	PE100 RED STRIPE PN16	12m
P1236.005.400	400mm	PE100 RED STRIPE PN16	12m
P1236.005.450	450mm	PE100 RED STRIPE PN16	12m
P1236.005.500	500mm	PE100 RED STRIPE PN16	12m
P1236.005.560	560mm	PE100 RED STRIPE PN16	12m
P1236.005.630	630mm	PE100 RED STRIPE PN16	12m
P1236.005.710	710mm	PE100 RED STRIPE PN16	12m
P1236.005.800	800mm	PE100 RED STRIPE PN16	12m

Other lengths available upon request, subject to manufacturing volumes



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Long life
- Trenchless construction

GENERAL APPLICATION

PE100 Red Stripe is a solid walled pipe manufactured to AS/NZS 4130 for fire ring main applications. The pipe features red coloured stripes around the circumference to provide identification.

TECHNICAL DATA

Temperature Range: -30°C to +60°C

Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3

Standard: AS/NZS 4130

POLYETHYLENE PIPE PURPLE JACKET

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR RECYCLED WATER APPLICATIONS

PE100 PURPLE JACKET – PN 8

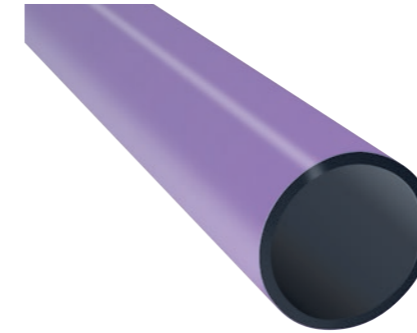
CODE	SIZE	DESCRIPTION	LENGTH
P1763.008.032	32mm	PE100 PUR JACKET PN8	50m
P1763.009.032	32mm	PE100 PUR JACKET PN8	100m
P1765.011.032	32mm	PE100 PUR JACKET PN8	200m
P1765.007.040	40mm	PE100 PUR JACKET PN8	25m
P1765.007.050	50mm	PE100 PUR JACKET PN8	25m

PE100 PURPLE JACKET – PN 10

CODE	SIZE	DESCRIPTION	LENGTH
P1764.007.025	25mm	PE100 PUR JACKET PN10	25m
P1764.008.025	25mm	PE100 PUR JACKET PN10	50m
P1764.009.025	25mm	PE100 PUR JACKET PN10	100m

PE100 PURPLE JACKET – PN 12.5

CODE	SIZE	DESCRIPTION	LENGTH
P1765.007.025	25mm	PE100 PUR JACKET PN12.5	25m
P1765.008.025	25mm	PE100 PUR JACKET PN12.5	50m
P1765.009.025	25mm	PE100 PUR JACKET PN12.5	100m
1430021	25mm	PE100 PUR JACKET PN12.5	200m
P1765.011.032	32mm	PE100 PUR JACKET PN12.5	200m
P1765.010.040	40mm	PE100 PUR JACKET PN12.5	150m
P1765.008.050	50mm	PE100 PUR JACKET PN12.5	50m
P1765.010.050	50mm	PE100 PUR JACKET PN12.5	150m
P1765.009.063	63mm	PE100 PUR JACKET PN12.5	100m
P1765.009.075	75mm	PE100 PUR JACKET PN12.5	100m
P1765.009.090	90mm	PE100 PUR JACKET PN12.5	100m
P1765.005.090	90mm	PE100 PUR JACKET PN12.5	12m
P1765.009.110	110mm	PE100 PUR JACKET PN12.5	100m
P1765.005.110	110mm	PE100 PUR JACKET PN12.5	12m
P1765.005.125	125mm	PE100 PUR JACKET PN12.5	12m
P1765.005.140	140mm	PE100 PUR JACKET PN12.5	12m
P1765.005.160	160mm	PE100 PUR JACKET PN12.5	12m
P1765.005.180	180mm	PE100 PUR JACKET PN12.5	12m
P1765.005.200	200mm	PE100 PUR JACKET PN12.5	12m
P1765.005.225	225mm	PE100 PUR JACKET PN12.5	12m
P1765.005.250	250mm	PE100 PUR JACKET PN12.5	12m
P1765.005.280	280mm	PE100 PUR JACKET PN12.5	12m
P1765.005.315	315mm	PE100 PUR JACKET PN12.5	12m
P1765.005.355	355mm	PE100 PUR JACKET PN12.5	12m
P1765.005.400	400mm	PE100 PUR JACKET PN12.5	12m
P1765.005.450	450mm	PE100 PUR JACKET PN12.5	12m



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Coextrusion
- Long life
- Trenchless construction

GENERAL APPLICATION

Purple Jacket is a coextruded pipe manufactured to AS/NZS 4130 for recycled water applications. The pipe features a purple coloured identification layer and is suitable for use in recycled water applications.

TECHNICAL DATA

Temperature Range: -30°C to +60°C

Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3

Standard: AS/NZS 4130

POLYETHYLENE PIPE PURPLE JACKET

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR RECYCLED WATER APPLICATIONS

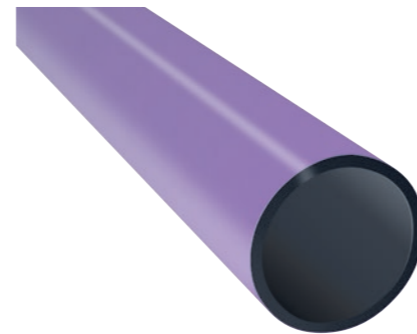
PE100 PURPLE JACKET – PN 12.5 (CONTINUED)

CODE	SIZE	DESCRIPTION	LENGTH
P1765.005.500	500mm	PE100 PUR JACKET PN12.5	12m
P1765.005.560	560mm	PE100 PUR JACKET PN12.5	12m
P1765.005.630	630mm	PE100 PUR JACKET PN12.5	12m
P1765.005.710	710mm	PE100 PUR JACKET PN12.5	12m
P1765.005.800	800mm	PE100 PUR JACKET PN12.5	12m

PE100 PURPLE JACKET – PN 16

CODE	SIZE	DESCRIPTION	LENGTH
700183	25mm	PE100 PUR JACKET PN16	50m
P1766.011.025	25mm	PE100 PUR JACKET PN16	200m
P1766.011.032	32mm	PE100 PUR JACKET PN16	200m
P1766.008.040	40mm	PE100 PUR JACKET PN16	50m
P1766.010.040	40mm	PE100 PUR JACKET PN16	150m
700266	50mm	PE100 PUR JACKET PN16	50m
P1766.010.050	50mm	PE100 PUR JACKET PN16	150m
700283	63mm	PE100 PUR JACKET PN16	50m
P1766.009.063	63mm	PE100 PUR JACKET PN16	100m
P1766.009.075	75mm	PE100 PUR JACKET PN16	100m
P1766.009.090	90mm	PE100 PUR JACKET PN16	100m
P1766.009.110	110mm	PE100 PUR JACKET PN16	100m
P1766.009.125	125mm	PE100 PUR JACKET PN16	100m
P1766.005.125	125mm	PE100 PUR JACKET PN16	12m
P1766.005.140	140mm	PE100 PUR JACKET PN16	12m
P1766.009.140	140mm	PE100 PUR JACKET PN16	100m
P1766.005.160	160mm	PE100 PUR JACKET PN16	12m
P1766.005.180	180mm	PE100 PUR JACKET PN16	12m
P1766.005.200	200mm	PE100 PUR JACKET PN16	12m
P1766.005.225	225mm	PE100 PUR JACKET PN16	12m
P1766.005.250	250mm	PE100 PUR JACKET PN16	12m
P1766.005.280	280mm	PE100 PUR JACKET PN16	12m
P1766.005.315	315mm	PE100 PUR JACKET PN16	12m
P1766.005.355	355mm	PE100 PUR JACKET PN16	12m
P1766.005.400	400mm	PE100 PUR JACKET PN16	12m
P1766.005.450	450mm	PE100 PUR JACKET PN16	12m
P1766.005.500	500mm	PE100 PUR JACKET PN16	12m
P1766.005.560	560mm	PE100 PUR JACKET PN16	12m
P1766.005.630	630mm	PE100 PUR JACKET PN16	12m
P1766.005.710	710mm	PE100 PUR JACKET PN16	12m
P1766.005.800	800mm	PE100 PUR JACKET PN16	12m

Other lengths available upon request, subject to manufacturing approvals. SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Coextrusion
- Long life
- Trenchless construction

GENERAL APPLICATION

Purple Jacket is a coextruded pipe manufactured to AS/NZS 4130 for recycled water applications. The pipe features a purple coloured identification layer and is suitable for use in recycled water applications.

TECHNICAL DATA

Temperature Range: -30°C to +60°C

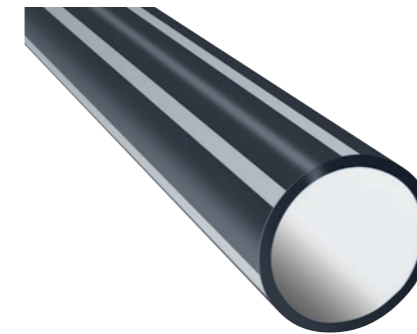
Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3

Standard: AS/NZS 4130

POLYETHYLENE PIPE NUSEWER

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR GRAVITY SEWER APPLICATIONS



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Long life
- Trenchless construction
- No joint infiltration
- No root penetration
- Low residual slime growth
- Light bore for easy inspection

GENERAL APPLICATION

NUSEWER is a coextruded pipe manufactured to AS/NZS 4130 for sewer applications complete with grey coloured stripes around the circumference to provide identification. NUSEWER also features a non-light scattering bore to provide superior clarity for inspection purposes.

TECHNICAL DATA

Temperature Range: -30°C to +60°C

Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482–Level 1, WSAA 08/12 Issue 3

Standard: AS/NZS 4130

PE100 NUSEWER – PN 8

CODE	SIZE	DESCRIPTION	LENGTH
P112Z3.005.110	110mm	PE100 NUSEWER PN8	12m
P112Z3.003.110	110mm	PE100 NUSEWER PN8	6m
P112Z3.005.160	160mm	PE100 NUSEWER PN8	12m
P112Z3.003.160	160mm	PE100 NUSEWER PN8	6m
P112Z3.005.250	250mm	PE100 NUSEWER PN8	12m
P112Z3.005.315	315mm	PE100 NUSEWER PN8	12m
P112Z3.005.355	355mm	PE100 NUSEWER PN8	12m
P112Z3.005.400	400mm	PE100 NUSEWER PN8	12m
P112Z3.005.450	450mm	PE100 NUSEWER PN8	12m
P112Z3.005.500	500mm	PE100 NUSEWER PN8	12m
P112Z3.005.560	560mm	PE100 NUSEWER PN8	12m
P112Z3.005.630	630mm	PE100 NUSEWER PN8	12m

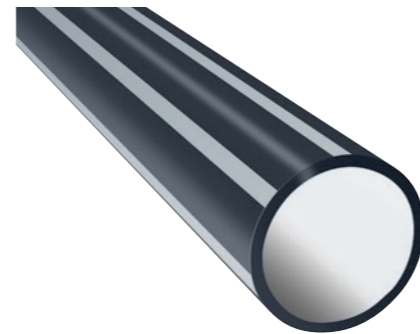
PE100 NUSEWER – PN 10

CODE	SIZE	DESCRIPTION	LENGTH
P112Z4.005.110	110mm	PE100 NUSEWER PN10	12m
P112Z4.003.110	110mm	PE100 NUSEWER PN10	6m
P112Z4.005.160	160mm	PE100 NUSEWER PN10	12m
P112Z4.003.160	160mm	PE100 NUSEWER PN10	6m
P112Z4.005.250	250mm	PE100 NUSEWER PN10	12m
P112Z4.005.315	315mm	PE100 NUSEWER PN10	12m
P112Z4.005.355	355mm	PE100 NUSEWER PN10	12m
P112Z4.005.400	400mm	PE100 NUSEWER PN10	12m
P112Z4.005.450	450mm	PE100 NUSEWER PN10	12m
P112Z4.005.500	500mm	PE100 NUSEWER PN10	12m
P112Z4.005.560	560mm	PE100 NUSEWER PN10	12m
P112Z4.005.630	630mm	PE100 NUSEWER PN10	12m

POLYETHYLENE PIPE NUSEWER

METRIC PE100 PIPE DESIGNED AND MANUFACTURED TO AS/NZS 4130 FOR GRAVITY SEWER APPLICATIONS

CODE	SIZE	DESCRIPTION	LENGTH
P12Z5.005.110	110mm	PE100 NUSEWER PN12.5	12m
P12Z5.003.110	110mm	PE100 NUSEWER PN12.5	6m
P12Z5.005.160	160mm	PE100 NUSEWER PN12.5	12m
P12Z5.003.160	160mm	PE100 NUSEWER PN12.5	6m
P12Z5.005.250	250mm	PE100 NUSEWER PN12.5	12m
P12Z5.005.315	315mm	PE100 NUSEWER PN12.5	12m
P12Z5.005.355	355mm	PE100 NUSEWER PN12.5	12m
P12Z5.005.400	400mm	PE100 NUSEWER PN12.5	12m
P12Z5.005.450	450mm	PE100 NUSEWER PN12.5	12m
P12Z5.005.500	500mm	PE100 NUSEWER PN12.5	12m
P12Z5.005.560	560mm	PE100 NUSEWER PN12.5	12m
P12Z5.005.630	630mm	PE100 NUSEWER PN12.5	12m



FEATURES

- Corrosion resistant
- Chemical resistant
- Smooth bore
- Abrasion resistant
- Weather resistant
- High flow rate
- Light weight for easy installation
- Flexible
- High impact strength
- Long life
- Trenchless construction
- No joint infiltration
- No root penetration
- Low residual slime growth
- Light bore for easy inspection

GENERAL APPLICATION

NUSEWER is a coextruded pipe manufactured to AS/NZS 4130 for sewer applications complete with grey coloured stripes around the circumference to provide identification. NUSEWER also features a non-light scattering bore to provide superior clarity for inspection purposes.

TECHNICAL DATA

Temperature Range: -30°C to +60°C

Joining Methods: Butt welding, electrofusion, flanged joints, mechanical couplings, compression fittings

Approvals: SMKP21482, WMKA21482- Level 1, WSAA 08/12 Issue 3

Standard: AS/NZS 4130

POLYETHYLENE PIPE

PE PIPE DESIGNED AND MANUFACTURED TO AS 2439.1 FOR SUBSOIL DRAINAGE APPLICATIONS



FEATURES

- Corrosion resistant
- Weather resistant
- Environmental Friendly
- Light weight for easy installation
- Flexible
- Strong corrugated profile
- Uniform drainage of the soil

GENERAL APPLICATION

Drainflo is a polyethylene subsoil drainage system manufactured to AS 2439.1 for drainage applications. The corrugated profile and uniform pattern of inlets provide even and efficient drainage along the lengths of the pipe.

TECHNICAL DATA

Joining Method: Drainflo fittings

Classification System:

SN4 = Class 200
- Surface land drainage. Pipe is manufactured from HDPE.

SN8 = Class 400
- Ideal for road, civil engineering and agricultural drainage applications. Pipe is manufactured from HDPE.

SN20 = Class 1000
- Works that are subject to heavy vehicle traffic. Pipe is manufactured from PVC.

Standard: AS 2439.1

DRAIN – UNSLOTTED

CODE	SIZE	DESCRIPTION	LENGTH
PDU13.020.065	65mm	UNSLOTTED K SN8	20m
PDU13.009.065	65mm	UNSLOTTED K SN8	100m
PDU13.011.065	65mm	UNSLOTTED K SN8	200m
PDU13.020.100	100mm	UNSLOTTED K SN8	20m
PDU13.009.100	100mm	UNSLOTTED K SN8	100m
PDU17.020.100	100mm	UNSLOTTED K SN20	20m
PDU17.011.100	100mm	UNSLOTTED K SN20	100m
PDU11.020.160	160mm	UNSLOTTED K SN4	20m
PDU11.021.160	160mm	UNSLOTTED K SN4	60m

DRAIN – SLOTTED

CODE	SIZE	DESCRIPTION	LENGTH
1402005	65mm	SLOTTED K SN	20m
PDV13.009.065	65mm	SLOTTED K SN	100m
PDV13.011.065	65mm	SLOTTED K SN	200m
PDV13.020.100	100mm	SLOTTED K SN	20m
PDV13.008.100	100mm	SLOTTED K SN	50m
1402030	100mm	SLOTTED K SN	100m
PDV17.020.100	100mm	SLOTTED K SN20	20m
1402033	100mm	SLOTTED K SN	100m
PDV11.020.160	160mm	SLOTTED K SN4	20m
PDV11.021.160	160mm	SLOTTED K SN4	60m

DRAIN – RTA FILTERSOCK

CODE	SIZE	DESCRIPTION	LENGTH
PDW13.020.065	65mm	RTA-FILTERSOCK K SN8	20m
PDW13.009.065	65mm	RTA-FILTERSOCK K SN8	100m
PDW13.020.100	100mm	RTA-FILTERSOCK K SN8	20m
PDW13.009.100	100mm	RTA-FILTERSOCK K SN8	100m
PDW17.009.100	100mm	RTA-FILTERSOCK K SN20	100m
PDW17.020.065	100mm	RTA-FILTERSOCK K SN20	20m
PDW17.009.065	100mm	RTA-FILTERSOCK K SN20	100m
PDW11.020.160	160mm	RTA-FILTERSOCK K SN4	20m
PDW11.021.160	160mm	RTA-FILTERSOCK K SN4	60m

Other lengths available upon request, subject to manufacturing volumes



PE PIPE SYSTEMS

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