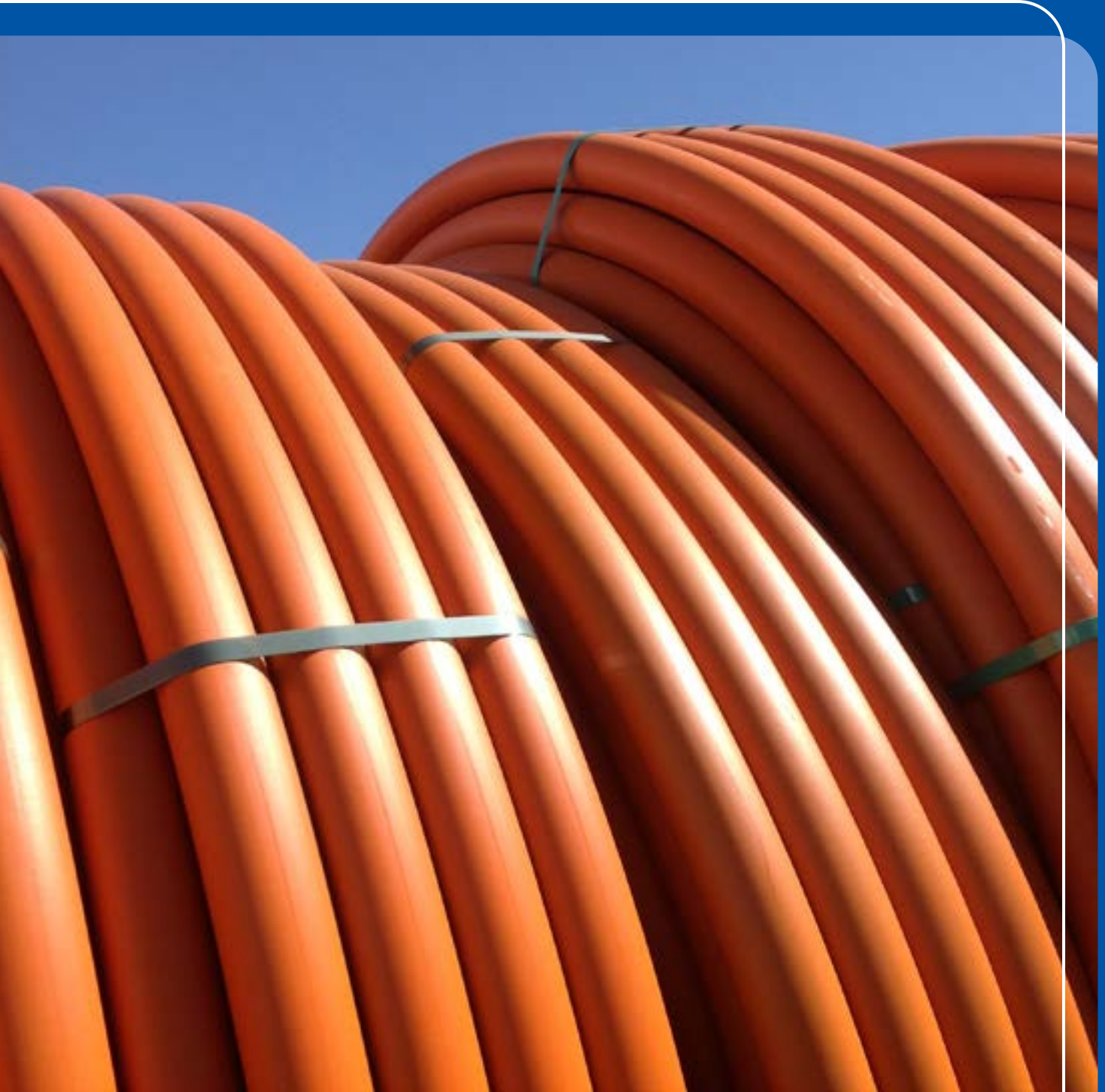




Technical Guide

Version 01 / December 2025

Electrical and Telecommunication



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IMPORTANT DISCLAIMER

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1.0 Introduction

For over 85 years, Iplex has been at the forefront of Australia's plastic pipe and fittings industry. As one of the nation's largest manufacturers, we bring unparalleled quality and technical expertise to every project.

As well as our core water and gas pipe products, we offer a comprehensive range of electrical and communications conduits, ducts, cable covers, marking tapes, pits, and associated accessories. These are essential for sectors including electrical, telecommunications, civil infrastructure, construction, solar energy, and mining. Our conduit range features both rigid and corrugated PVC conduits, as well as PE100 polyethylene products designed for trenchless directional drilling installations.

Strategically positioned warehouse and distribution centres across Australia enables us to respond swiftly to customer orders.

Iplex's service offering goes beyond timely delivery of high-quality products. We provide professional sales and technical support to customers and designers, helping to ensure products are installed correctly and cost-effectively. This commitment aims to deliver optimal performance and value in every project.

The products detailed in the pages that follow form the standard range of electrical and telecommunications products. If you can't find the information you are looking for please feel free to reach out to your local Iplex representative, our National Sales team on 1300 047 539 or you can visit www.iplex.com.au.



2.0 Standards

All Iplex manufacturing sites are third-party accredited to the ISO 9001 quality management system by an independent JAS-ANZ certifying body. Where applicable, our products are manufactured to meet Australian/New Zealand or telecommunication company standards and specifications, ensuring top-notch quality and compliance.

Referenced Australian electrical and telecommunications product standards include:

- AS/NZS 2053 (various parts)
- AS/NZS 61386.1
- AS/NZS 61386.21
- AS/NZS 4296
- AS/NZS 5033
- AS 4702
- AS/NZS 3000

As part of its commitment to the BEP PVC program, Iplex accepts and recycles PVC salvaged from the waste stream into non-critical products, providing them with a second life, minimising the amount of plastic ending up in land fill. More information on BEP PVC can be found on the following websites:

- Green Building Council of Australia - www.qbca.org.au
- Plastics Industry Pipe Association - www.pipa.com.au

All Iplex polyethylene conduits are by nature, halogen free.

2.1 Pipe dimensions

Product dimensions comply with the relevant parts of AS/NZS 61386.1 and AS/NZS 61386.21 for PVC conduits and dimensions of AS/NZS 4130 for polyethylene pipes.

2.2 Colour

AS/NZS 3000 nominates the use of orange conduits in buried electrical installations.

For the purpose of this catalogue colours signify:

- Orange: Electrical conduits installed below ground
- Grey: Electrical conduits installed above ground
- White: Data and telecommunications conduits

2.3 Fabrication

Individual projects can require the use of specialist conduits or fittings. Iplex has the ability to produce custom made large radius bends up to 25m radius.

Please contact Iplex for further information.



3.0 Sustainability

3.1 Environmental Product Declaration - PVC

An Environmental Product Declaration (EPD) is a standardised and verified way of quantifying the environmental impacts of a product based on a consistent set of rules known as Product Category Rules (PCR). The EPD for PVC non-pressure pipes:

- Conforms with International Standards ISO14025 and EN15804.
- Has been verified by an independent third party.
- Has at least a cradle to gate scope.
- Has product specific results.

The PVC non-pressure pipes EPD results can be used in whole of life cycle assessments under Green Star and Infrastructure Sustainability Rating Tools.

Refer to the tables in the PVC non-pressure pipes EPD to convert the product results from kilogram of installed pipe to length of pipe for individual pipe products.

3.2 Best Environmental Practice - PVC

A Best Environmental Practice PVC (BEP PVC) Certification adheres to the Best Environmental Practice – PVC guidelines as outlined in the Green Building Council of Australia (GBCA) literature review and best practice guidelines for the life cycle of PVC building products. This includes compliance with the relevant specified standards and Section 7 of the GBCA guidelines.

Refer to Iplex's BEP PVC Certification for the specific review of Iplex's technical documentation aligned to a number of standards for:

- Manufacture of PVC resin.
- Manufacture and end of life management of PVC products.
- Use of PVC recyclate in PVC products.

3.3 Environmental Product Declaration - Polyethylene

An Environmental Product Declaration (EPD) is a standardised and verified way of quantifying the environmental impacts of a product based on a consistent set of rules known as Product Category Rules (PCR). The EPD for Polyethylene Pipes:

- Conforms with International Standards ISO14025 and EN15804.
- Has been verified by an independent third party.
- Has at least a cradle to gate scope.
- Has product specific results.

The Polyethylene pipes EPD results can be used in Whole of life Cycle assessments under Green Star and Infrastructure Sustainability Rating Tools. Refer to the tables in the Polyethylene Pipes EPD to convert the product results from kilogram of installed pipe to length of pipe for individual pipe products.

4.0 Material properties

Table 4.1 - Typical material properties PVC-U

Physical and mechanical

Specific gravity	1.43 – 1.5
Ring Bending Modulus (3min)	3200 MPa
Ring Bending Modulus (50yr)	1400 MPa
Poisson's ratio	0.38

Thermal

Coefficient of linear thermal expansion	$7.0 \times 10^{-5} / ^\circ\text{C}$
Thermal conductivity	$0.138 - 0.150 \text{ W.m}^{-1}\text{C}^{-1}$
Maximum practicable working temperature	60°C
Minimum practicable working temperature	0°C

Fire resistance

Flammability	Will not support combustion
Ignitability - AS 1530*	7
Smoke development - AS 1530*	9
Spread of flame - AS 1530*	0
Heat evolved - AS 1530*	2

* AWTA test report number 7-558803-CV

Electrical

Volume resistivity	10^{15} ohm.cm
Surface resistivity	$\geq 10^{13} \text{ ohm}$
Power factor	0.02 @ 10^6 Hz
Dielectric constant	3.0 – 3.2 @ 10^6 Hz

Table 4.2 - Typical material properties HDPE (PE100) at 20°C

Specific gravity	0.955
Coefficient of linear thermal expansion	$18 \times 10^{-5} / ^\circ\text{C}$
Thermal conductivity	$0.38 \text{ W.m}^{-1} \cdot ^\circ\text{C}^{-1}$
Ultimate tensile yield stress	25 MPa
Maximum allowable safe axial pull-back load (HDD) at 20°C) load	8 MPa
Ring bending modulus (Young's) – 3 min	950 MPa
Ring bending modulus (Young's) – 50 yr	260 MPa
Maximum practicable working temperature	60°C
Flammability	Flammable
Ignitability - AS 1530.3	13
Smoke development - AS 1530.3	3
Spread of flame - AS 1530.3	7
Heat evolved - AS 1530.3	6
Volume resistivity	$\geq 10^{15} \text{ Ohm.cm (60\% RH)}$
Surface resistivity	$\geq 10^{15} \text{ ohm}$

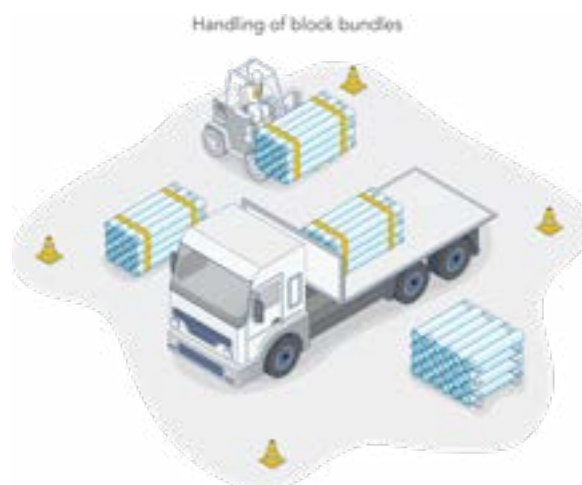
5.0 Storage and Handling

5.1 Handling

PVC conduit is normally delivered in timber packs designed to hold the conduit in position and protect it from point loading and ovalisation.

Whilst PVC conduit is easy to handle, it is important to handle it with care to stop unnecessary damage to the pipe. Pipes and fittings must not be dropped or thrown onto hard surfaces or allowed to come into contact with hard sharp objects that could inflict scratches. PVC-U pipe should not be allowed to slide across sharp edges.

Wire slings must not be used to lift pipes.



5.2 Storage

PVC pipes should be left in their packed units wherever possible until they are required to be installed.

Pipes may be stacked on site provided the ground surface is level and free from loose stones and other sharp objects. Socketed pipes should be stacked in alternate layers of sockets facing in opposite directions to prevent load bearing.

Racks for long term storage are recommended and should preferably provide continuous support, however if this is not possible, supports of at least 75mm bearing width at 1m maximum centres should be placed beneath the pipes. Side restraints should be placed at centres not exceeding 1.5m and stacks should not exceed 1m in height.

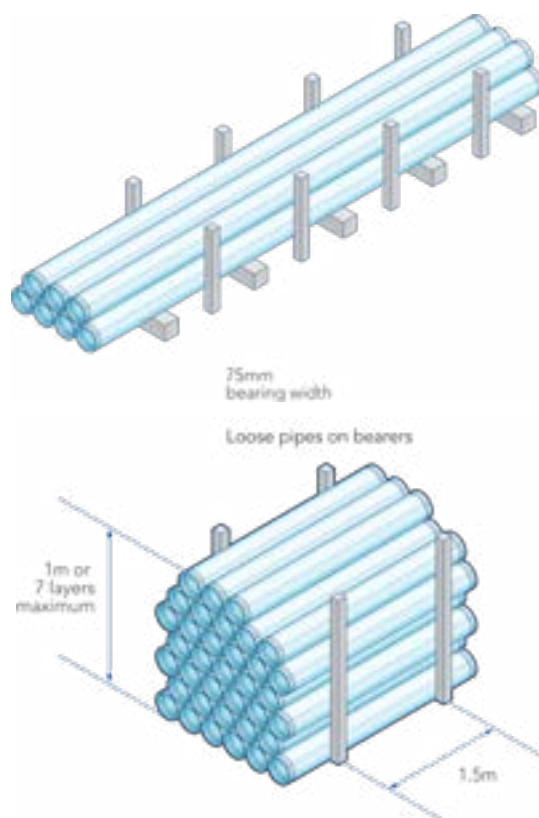
When unloading alongside excavated trenches, pipes should be placed on the opposite side of the trench from excavated material if it is safe to do so.

Conduits coloured orange should not be exposed without protection from direct sunlight for service applications, or exposed without protection during storage exceeding 12 months from the date of manufacture.

Conduits coloured white or grey should not be exposed without protection from direct sunlight for service applications, or exposed without protection during storage exceeding 24 months from the date of manufacture.

Protection in storage can include hessian or canvas covers to allow adequate cooling air circulation. Do not use black or dark coloured plastic sheet or film covers, which will trap heat and damage the pipes.

Protection once installed can include permanent physical shading, such as location under bridges or structures, or by painting with pale coloured U.V. resistant, water-based paint systems.



Unsuitable applications

Iplex® PVC and PE Electrical Conduits should not be used:

- i. For any pressure or gravity water applications
- ii. At continuous service temperatures above 60°C
- iii. Without adequate support to the pipe in either, above ground or, below ground applications

Exposed applications

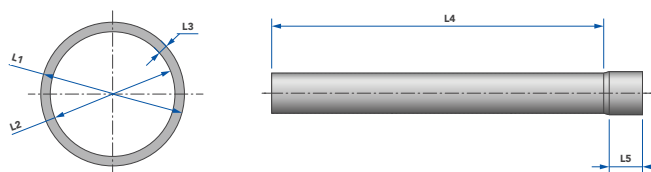
Conduits suited to continuous solar exposure are marked with the letter "T" in their print message.

6.0 Telecommunications

6.1 PVC & PE conduits for telecommunications

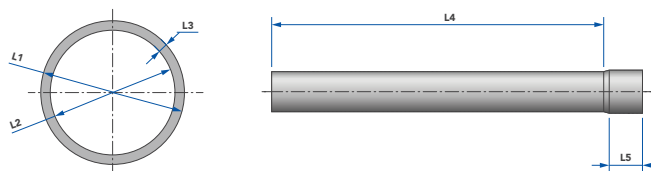
PVC conduits - white (branded "telecommunications")

Product code	Typical dimensions					
	Nominal size DN	Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal length (m) L4	Socket length (mm) L5
CTCO20	20	26.8	23.4	1.7	4.5	38
CTCR50	50	60.3	54.7	2.8	4.5	64
P900100445	100	114.3	104.6	4.9	4.5	104



PVC conduits - white (heavy duty)

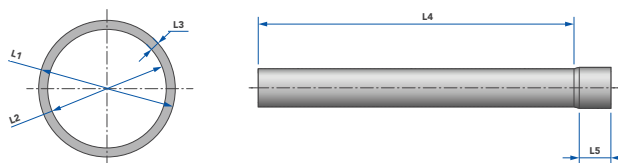
Product code	Typical dimensions					
	Nominal size DN	Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal length (m) L4	Socket length (mm) L5
P600506WHT	50	49.9	42.6	3.7	6	55
P600804WHT	80	88.9	79	5.0	4	78
P6001004WHT	100	114.3	101.7	6.3	4	105
P6001504WHT	150	160.3	142.7	8.8	4	127



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

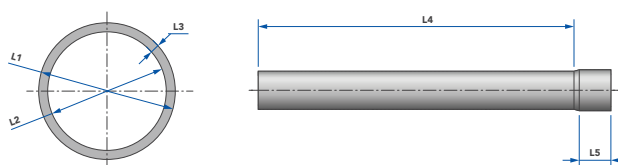
PVC conduits - white (manufactured to AUSTEL Spec TS009 branded "telecommunications")

Product code	Nominal size DN	Typical dimensions				
		Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal length (m) L4	Socket length (mm) L5
P900204	20	19.9	16	2.0	4	16
P900254	25	24.9	21	2.0	4	20
P900324	32	31.9	27.4	2.3	4	25
P900504	50	49.9	44	3.0	4	40
P900806	80	88.9	81.3	3.8	6	73
P9001006	100	114.3	104.6	4.9	6	99



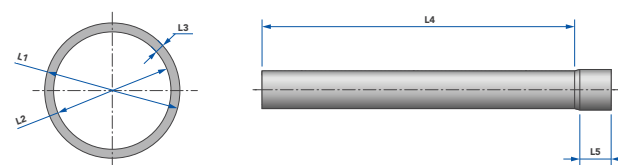
PVC communication conduits - solid wall layered heavy duty white (Qld TMR market)

Product code	Nominal size DN	Typical dimensions				
		Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal length (m) L4	Socket length (mm) L5
EHDOSC100DWHT	100	114.3	101.7	6	4	101.5



PVC communication conduits - solid wall heavy duty white (Vic market)

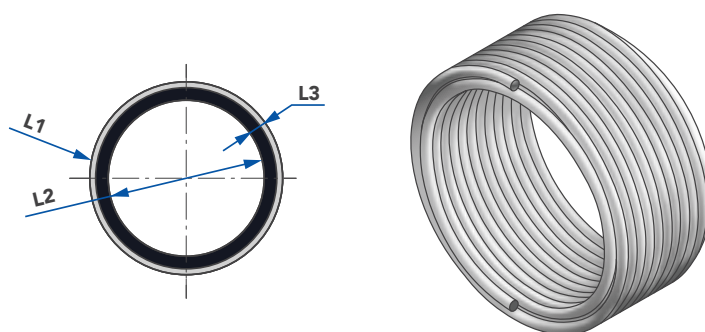
Product code	Nominal size DN	Typical dimensions				
		Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal length (m) L4	Socket length (mm) L5
EHDOW100D	100	114.3	101.7	6	4	101.5
EHDOW125D	125	140	124.9	7.2	4	115



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only.
If critical contact Iplex Pipelines.

Polyethylene conduits - white (PE100 branded "telecommunications")

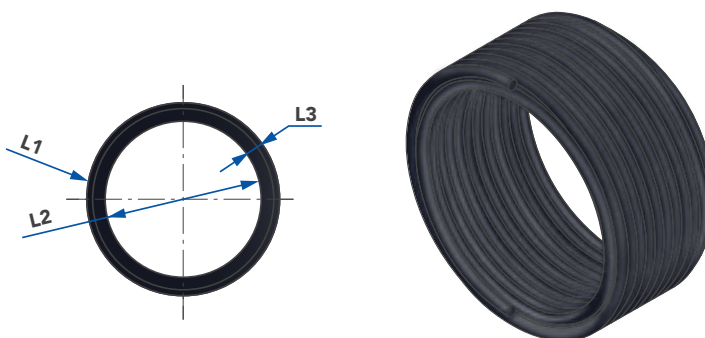
Product code	Nominal size DN	SDR	Typical dimensions				
			Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Pipe length (m)	Maximum pulling force (kN)
TTCX1363140	63	13	63.3	55.3	5	140	7.2
TTCX13110100	110	13	110.5	93.3	8.6	100	22
TTCX13125100	125	13	125.6	106.1	9.8	100	28.2



Polyethylene subduct - black (HDPE branded "telecommunications")

Product code	Nominal size DN	Typical dimensions			
		Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Pipe length (m)
PHBC632250	32	32.2	28.1	2	250
PHBC632500	32	32.2	28.1	2	500

Note: Class 9 also available. Other lengths are available upon request.



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

6.2 NBN bends

DN20 NBN bends

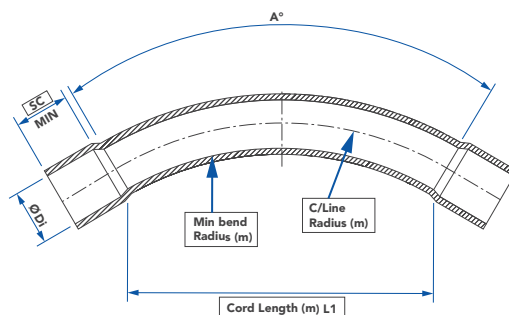
Item number	Nominal size DN	Degree 0°	C/Line (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1	Application
NBN2090300R	20	90	0.3	0.28	FF	WHT	NBNCO	Solid	0.4	NBNCO
NBN2090305R	20	90	0.305	0.29	FF	WHT	NBNCO	Solid	0.41	NBNCO

DN50 NBN bends

Item number	Nominal size DN	Degree A	C/Line (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1	Application
NBN5015300R	50	15	0.3	0.27	FF	WHT	NBNCO	Solid	0.07	NBNCO
NBN5022300R	50	22.5	0.3	0.27	FF	WHT	NBNCO	Solid	0.11	NBNCO
NBN5030300R	50	30	0.3	0.27	FF	WHT	NBNCO	Solid	0.14	NBNCO
NBN5045300R	50	45	0.3	0.27	FF	WHT	NBNCO	Solid	0.21	NBNCO
NBN5045305R	50	45	0.305	0.27	FF	WHT	NBNCO	Solid	0.21	NBNCO
NBN5045800R	50	45	0.8	0.77	FF	WHT	NBNCO	Solid	0.59	NBNCO
NBN5090300R	50	90	0.3	0.27	FF	WHT	NBNCO	Solid	0.38	NBNCO
NBN5090305R	50	90	0.305	0.27	FF	WHT	NBNCO	Solid	0.38	NBNCO
NBN5090800RMF	50	90	0.8	0.77	MF	WHT	NBNCO	Solid	1.09	NBNCO

DN100 NBN bends

Item number	Nominal size DN	Degree A	C/Line (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1	Application
NBN10015800R	100	15	0.8	0.74	FF	WHT	NBNCO	Layered	0.19	NBNCO
NBN100151830R	100	15	1.83	1.77	FF	WHT	NBNCO	Layered	0.46	NBNCO
NBN10022450R	100	22.5	0.45	0.39	FF	WHT	NBNCO	Layered	0.15	NBNCO
NBN10022800R	100	22.5	0.8	0.74	FF	WHT	NBNCO	Layered	0.29	NBNCO
NBN100221830R	100	22.5	1.83	1.77	FF	WHT	NBNCO	Layered	0.69	NBNCO
NBN100301830R	100	30	1.83	1.77	FF	WHT	NBNCO	Layered	0.92	NBNCO
NBN10045450R	100	45	0.45	0.39	FF	WHT	NBNCO	Layered	0.3	NBNCO
NBN10045800RMF	100	45	0.8	0.74	MF	WHT	NBNCO	Layered	0.57	NBNCO
NBN100451830R	100	45	1.83	1.77	FF	WHT	NBNCO	Layered	1.35	NBNCO
NBN10090800RMF	100	90	0.8	0.74	MF	WHT	NBNCO	Layered	1.05	NBNCO



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines. Custom made large radius bends available upon request.

Telco bends

DN20 telco bends

Item number	Nominal size DN	Degree A	C/line (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1	Application
92045150R	20	45	0.15	0.13	FF	WHT	Austel TS009	Solid	0.1	TELCO
CT73291	20	45	0.3	0.28	FF	WHT	TELSTRA	Solid	0.21	TELCO
CT73281	20	90	0.1	0.08	FF	WHT	TELSTRA	Solid	0.11	TELCO
92090150R	20	90	0.15	0.13	FF	WHT	Austel TS009	Solid	0.18	TELCO
CT73271	20	90	0.3	0.28	FF	WHT	TELSTRA	Solid	0.4	TELCO

DN25 telco bends

Item number	Nominal size DN	Degree A	C/line (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1	Application
92522150R	25	22.5	0.15	0.14	FF	WHT	Austel TS009	Solid	0.05	TELCO
92545150R	25	45	0.15	0.14	FF	WHT	Austel TS009	Solid	0.11	TELCO
92590150R	25	90	0.15	0.14	FF	WHT	Austel TS009	Solid	0.2	TELCO

DN32 telco bends

Item number	Nominal size DN	Degree A	C/Line (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1	Application
93222150R	32	22.5	0.15	0.14	FF	WHT	Austel TS009	Solid	0.05	TELCO
93245300R	32	45	0.3	0.28	FF	WHT	Austel TS009	Solid	0.21	TELCO
CT032D3245T4W	32	45	0.34	0.32	FF	WHT	Austel TS009	Layered	0.24	TELCO
93290300R	32	90	0.3	0.28	FF	WHT	Austel TS009	Solid	0.4	TELCO
CT032D3290T4W	32	90	0.34	0.32	FF	WHT	Austel TS009	Layered	0.45	TELCO

DN50 telco bends

Item number	Nominal size DN	Degree A	C/Line (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1	Application
95015300R	50	15	0.3	0.27	FF	WHT	Austel TS009	Solid	0.07	TELCO
95022300R	50	22.5	0.3	0.27	FF	WHT	Austel TS009	Solid	0.11	TELCO
CT73295	50	22.5	0.3	0.27	FF	WHT	TELSTRA	Solid	0.11	TELSTRA
95030300R	50	30	0.3	0.27	FF	WHT	Austel TS009	Solid	0.14	TELCO
95030310R	50	30	0.31	0.28	FF	WHT	Austel TS009	Solid	0.14	TELCO
95045300R	50	45	0.3	0.27	FF	WHT	Austel TS009	Solid	0.21	TELCO
95045600R	50	45	0.6	0.57	FF	WHT	Austel TS009	Solid	0.44	TELCO
CT73119	50	45	0.3	0.27	FF	WHT	TELSTRA	Solid	0.21	TELSTRA
CT73114	50	45	0.8	0.77	FF	WHT	TELSTRA	Solid	0.59	TELSTRA
95090300R	50	90	0.3	0.27	FF	WHT	Austel TS009	Solid	0.38	TELCO
95090600R	50	90	0.6	0.57	FF	WHT	Austel TS009	Solid	0.81	TELCO
CT73276	50	90	0.3	0.27	FF	WHT	TELSTRA	Solid	0.38	TELSTRA
CT73110	50	90	0.8	0.77	MF	WHT	TELSTRA	Solid	1.09	TELSTRA

DN80 telco bends

Item number	Nominal size DN	Degree 0°	C/Line (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1	Application
98022375R	80	22.5	0.375	0.33	FF	WHT	Austel TS009	Solid	0.13	TELCO
98022600R	80	22.5	0.6	0.55	FF	WHT	Austel TS009	Solid	0.21	TELCO
CT032D8022W4W	80	22.5	0.64	0.59	FF	WHT	Austel TS009	Layered	0.23	TELCO
98030310R	80	30	0.31	0.26	FF	WHT	Austel TS009	Solid	0.13	TELCO
CT032D8030W4W	80	30	0.64	0.59	FF	WHT	Austel TS009	Layered	0.31	TELCO
98045375R	80	45	0.375	0.33	FF	WHT	Austel TS009	Solid	0.25	TELCO
98045600R	80	45	0.6	0.55	FF	WHT	Austel TS009	Solid	0.42	TELCO
CT032D8045W4W	80	45	0.64	0.59	FF	WHT	Austel TS009	Layered	0.45	TELCO
98090375R	80	90	0.375	0.33	FF	WHT	Austel TS009	Solid	0.47	TELCO
98090450R	80	90	0.45	0.4	FF	WHT	Austel TS009	Solid	0.57	TELCO
98090600R	80	90	0.6	0.55	FF	WHT	Austel TS009	Solid	0.78	TELCO
980901200R	80	90	1.2	1.15	FF	WHT	Austel TS009	Solid	1.63	TELCO
CT032D8090W4W	80	90	0.64	0.59	FF	WHT	Austel TS009	Layered	0.83	TELCO

DN100 telco bends

Item number	Nominal size DN	Degree 0°	C/Line (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1	Application
CT73521	50	11.25	0.3	0.27	MF	WHT	TELSTRA	Solid	0.05	TELCO
910011450R	100	11.25	0.45	0.39	FF	WHT	Austel TS009	Layered	0.08	TELCO
910011600R	100	11.25	0.6	0.54	FF	WHT	Austel TS009	Layered	0.11	TELCO
CT032D10011XW	100	11.25	0.7	0.64	FF	WHT	Austel TS009	Layered	0.13	TELCO
CT73520	100	11.25	0.8	0.74	FF	WHT	TELSTRA	Layered	0.15	TELCO
910015450R	100	15	0.45	0.39	FF	WHT	Austel TS009	Layered	0.1	TELCO
910015600R	100	15	0.6	0.54	FF	WHT	Austel TS009	Layered	0.14	TELCO
CT032D10015XW	100	15	0.7	0.64	FF	WHT	Austel TS009	Layered	0.17	TELCO
9100151830R	100	15	1.83	1.77	FF	WHT	Austel TS009	Layered	0.46	TELCO
CT73508	100	15	1.83	1.77	MF	WHT	TELSTRA	Layered	0.46	TELSTRA
9100225450R	100	22.5	0.45	0.39	FF	WHT	Austel TS009	Layered	0.15	TELCO
910022600R	100	22.5	0.6	0.54	FF	WHT	Austel TS009	Layered	0.21	TELCO
CT73528	100	22.5	0.6	0.54	MF	WHT	TELSTRA	Layered	0.21	TELSTRA
CT73528F	100	22.5	0.6	0.54	FF	WHT	TELSTRA	Layered	0.21	TELSTRA
CT032D10022XW	100	22.5	0.7	0.64	FF	WHT	Austel TS009	Layered	0.25	TELCO
CT73516	100	22.5	0.8	0.74	FF	WHT	TELSTRA	Layered	0.29	TELSTRA
910022900R	100	22.5	0.9	0.84	FF	WHT	Austel TS009	Layered	0.33	TELCO
CT032C10022ASW	100	22.5	1.2	1.15	FF	WHT	TMR	Solid Layered	0.45	TELCO
9100221830R	100	22.5	1.83	1.77	FF	WHT	Austel TS009	Layered	0.69	TELCO
9100222000R	100	22.5	2	1.94	FF	WHT	Austel TS009	Layered	0.76	TELCO
9100225000R	100	22.5	5	4.94	FF	WHT	Austel TS009	Layered	1.93	TELCO
CT73222	100	22.5	5	4.94	MF	WHT	TELSTRA	Layered	1.93	TELSTRA

DN100 TELCO bends continued

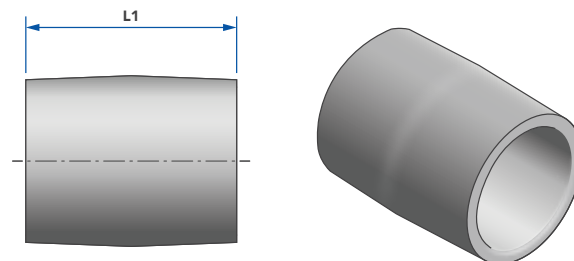
Item number	Nominal size DN	Degree 0°	C/Line (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1	Application
910030310R	100	30	0.31	0.25	FF	WHT	Austel TS009	Layered	0.13	TELCO
910030450R	100	30	0.45	0.39	FF	WHT	Austel TS009	Layered	0.2	TELCO
910030600R	100	30	0.6	0.54	FF	WHT	Austel TS009	Layered	0.28	TELCO
CT032D10030XW	100	30	0.7	0.64	FF	WHT	Austel TS009	Layered	0.33	TELCO
910030800R	100	30	0.8	0.74	FF	WHT	Austel TS009	Layered	0.38	TELCO
CT73509	100	30	1.83	1.77	MF	WHT	TELSTRA	Layered	0.92	TELSTRA
CT73515	100	45	0.356	0.29	FF	WHT	TELSTRA	Layered	0.22	TELSTRA
910045450R	100	45	0.45	0.39	FF	WHT	Austel TS009	Layered	0.3	TELCO
910045600R	100	45	0.6	0.54	FF	WHT	Austel TS009	Layered	0.41	TELCO
CT73530	100	45	0.6	0.54	FF	WHT	TELSTRA	Layered	0.41	TELSTRA
CT032D10045XW	100	45	0.7	0.64	FF	WHT	Austel TS009	Layered	0.49	TELCO
910045750R	100	45	0.75	0.69	FF	WHT	Austel TS009	Layered	0.53	TELCO
CT73121	100	45	0.8	0.74	MF	WHT	TELSTRA	Layered	0.57	TELSTRA
910045900R	100	45	0.9	0.84	FF	WHT	Austel TS009	Layered	0.64	TELCO
9100451200R	100	45	1.2	1.14	FF	WHT	Austel TS009	Layered	0.87	TELCO
CT032C10045ASW	100	45	1.2	1.15	FF	WHT	TMR	Solid Layered	0.88	TELCO
9100451830R	100	45	1.83	1.77	FF	WHT	Austel TS009	Layered	1.35	TELCO
CT73172	100	45	1.83	1.77	MF	WHT	TELSTRA	Layered	1.35	TELSTRA
9100455000R	100	45	5	4.94	FF	WHT	Austel TS009	Layered	3.78	TELCO
910060450R	100	60	0.45	0.39	FF	WHT	Austel TS009	Layered	0.39	TELCO
CT031D10060XW	100	60	0.7	0.64	MF	WHT	Austel TS009	Layered	0.64	TELCO
CT032D10060XW	100	60	0.7	0.64	FF	WHT	Austel TS009	Layered	0.64	TELCO
910090310R	100	90	0.31	0.25	FF	WHT	Austel TS009	Layered	0.35	TELCO
CT73286	100	90	0.356	0.29	FF	WHT	TELSTRA	Layered	0.41	TELSTRA
910090450R	100	90	0.45	0.39	FF	WHT	Austel TS009	Layered	0.55	TELCO
CT73302	100	90	0.508	0.45	FF	WHT	TELSTRA	Layered	0.64	TELSTRA
910090600R	100	90	0.6	0.54	FF	WHT	Austel TS009	Layered	0.76	TELCO
CT032C10090WW	100	90	0.6	0.55	FF	WHT	TMR	Solid Layered	0.78	TELCO
CT73108	100	90	0.6	0.54	FF	WHT	TELSTRA	Layered	0.76	TELSTRA
CT032D10090XW	100	90	0.7	0.64	FF	WHT	Austel TS009	Layered	0.91	TELCO
910090750R	100	90	0.75	0.69	FF	WHT	Austel TS009	Layered	0.98	TELCO
CT73109	100	90	0.8	0.74	MF	WHT	TELSTRA	Layered	1.05	TELSTRA
910090900R	100	90	0.9	0.84	FF	WHT	Austel TS009	Layered	1.19	TELCO
9100901000R	100	90	1	0.94	FF	WHT	Austel TS009	Layered	1.33	TELCO
9100901200R	100	90	1.2	1.14	FF	WHT	Austel TS009	Layered	1.61	TELCO
9100901830R	100	90	1.83	1.77	FF	WHT	Austel TS009	Layered	2.5	TELCO

Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines. Custom made large radius bends available upon request. Telecommunication & Telstra fittings in DN100 have the same OD (11 4mm).

6.3 Fittings

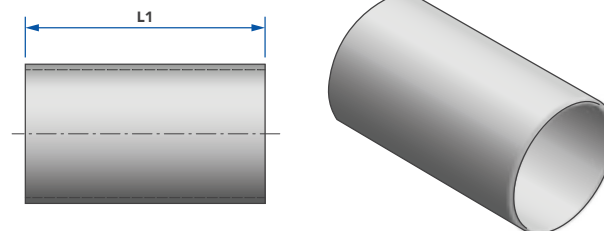
PVC straight couplings

Product code	Typical dimensions	
	Nominal size DN	Length (mm) L1
91032	32	85
91050	50	145
91080	80	200
910100	100	245



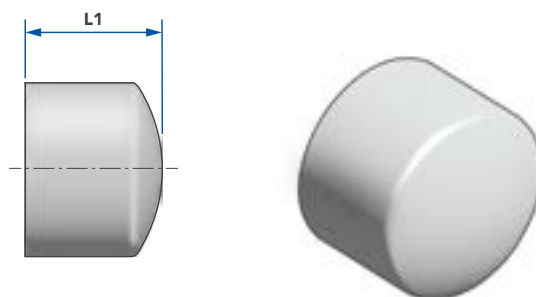
PVC slip couplings

Product code	Typical dimensions	
	Nominal size DN	Length (mm) L1
911S50	50	150
911S80	80	200
911S100	100	300



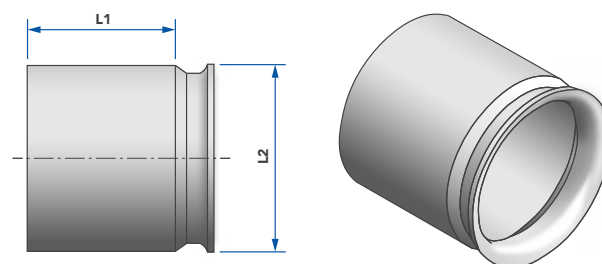
PVC caps

Product code	Typical dimensions	
	Nominal size DN	Length (mm) L1
91250	50	35
91280	80	35
912100	100	35



PVC bell mouths

Product code	Typical dimensions		
	Nominal size DN	Length (mm) L1	Length (mm) L2
91150	50	40	75
91180	80	73	125
911100	100	99	150

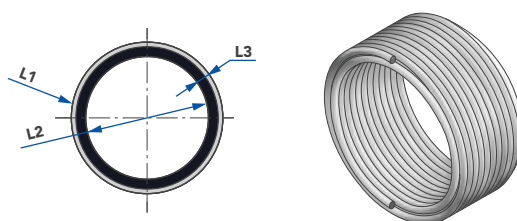


Note: All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex. Telecommunication & Telstra fittings in 100mm have the same OD (114mm).

6.4 Telstra

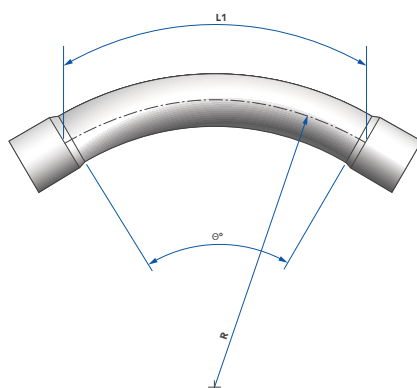
Polyethylene coils white - (PE100 branded "Telstra")

Product code	Nominal size DN	SDR	Typical dimensions				
			Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Pipe length (m)	Maximum pulling force (kN)
TTCX1363140	63	13	63.3	55.3	5	140	7.2
TTCX13110100	110	13	110.5	93.3	8.6	100	22
TTCX13125100	125	13	125.6	106.1	9.8	100	28.2



PVC bends socket x socket: Telstra

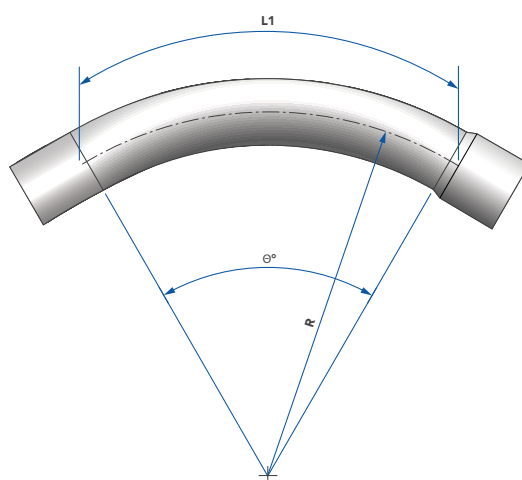
Product code	Telstra code	Nominal size DN	Typical dimensions		
			Degree 0°	C'Line radius (mm) R	Length (mm) L1
CT73281	73/281	20	90	100	157
CT73271	73/271	20	90	300	471
CT73291	20		45	300	236
CT73295	73/295	50	22.5	300	118
CT73119	73/119	50	45	300	236
CT73276	73/376	50	90	300	471
CT73516	73/516	100	22.5	800	314
CT73515	73/515	100	45	356	280
CT73286	73/286	100	90	356	559
CT73302	73/302	100	90	508	798



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines. Custom made large radius bends available upon request.

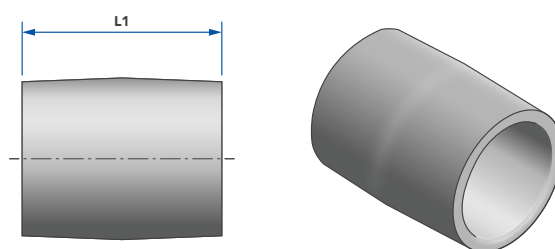
PVC bends socket x spigot: Telstra

Product code	Typical dimensions				
	Telstra code	Nominal size DN	Degree θ°	C'Line radius (mm) R	Length (mm) L1
CT73110	73/110	50	90	800	1257
CT73222	73/222	100	22.5	5000	2356
CT73121	73/121	100	45	800	628
CT73109	73/109	100	90	800	1257



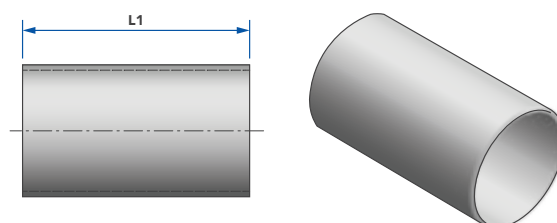
PVC straight couplings: Telstra

Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
P00720	73137	20	43
P00750	73148	50	76
CT73241	731241	100	255



PVC slip couplings: Telstra

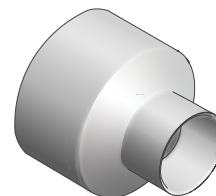
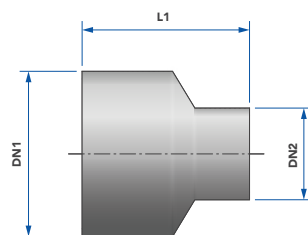
Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
CT7356	73156	20	90
CT73116	731116	50	150
CT73112	731112	100	202



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines. Custom made large radius bends available upon request.

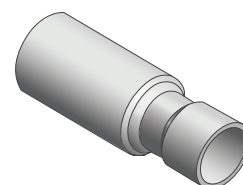
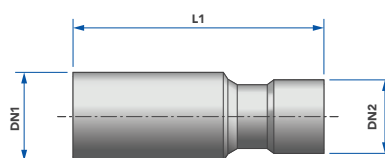
PVC reducing couplings: Telstra

Product code	Typical dimensions			
	Telstra code	Nominal size DN (DN1)	Nominal size DN (DN2)	Length (mm) L1
CT73179	731179	50	20	190
P00810050	731150	100	50	122
CT73311	73131	100	80	280



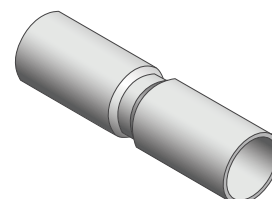
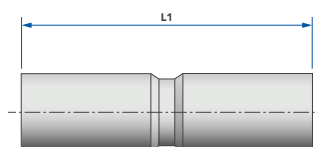
Polyethylene to PVC couplings - non axial restraint: Telstra

Product code	Typical dimensions			
	Telstra code	Nominal size DN (DN1)	Nominal Size DN (DN2)	Length (mm) L1
CT73176	73/176	63	50	220
CT73185	73/185	110	100	250



Polyethylene couplings - non axial restraint: Telstra

Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
CT73300		63	280
CT73507		110	270



Polyethylene slip couplings: Telstra

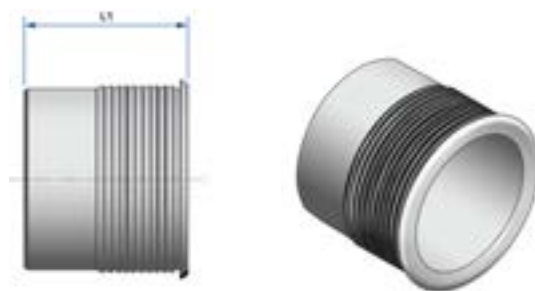
Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
CT73513	73/513	110	185



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

PVC conduit bushes: Telstra

Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
CT73100	73/100	20	23
CT7370	73/70	50	45
CT73102	73/102	100	69



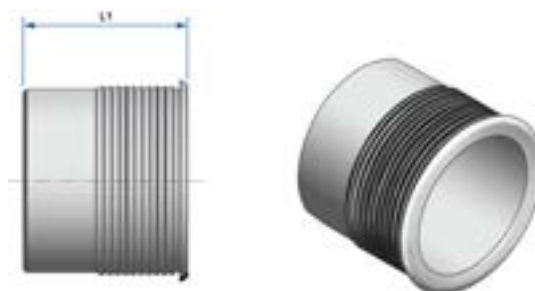
PVC conduit split bushes: Telstra

Product code	Typical dimensions	
	Telstra code	Nominal size DN
CT73188	73/188	20
CT73190	73/190	50
CT73514	438/52	100



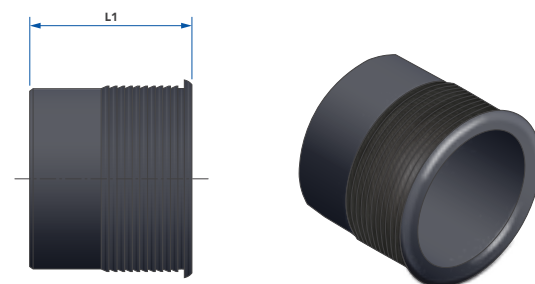
PVC conduit bushes: Telstra

Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
CT73100	73/100	20	23
CT7370	73/70	50	45
CT73102	73/102	100	69



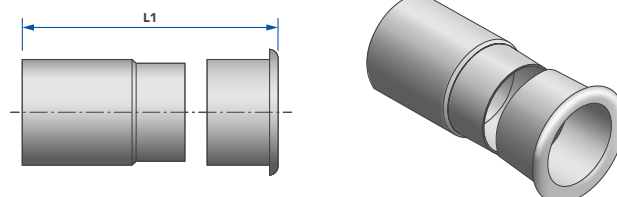
Polyethylene conduit bush (black): Telstra

Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
CT73143	73/142	63	64



Polyethylene conduit adaptor & bush: Telstra

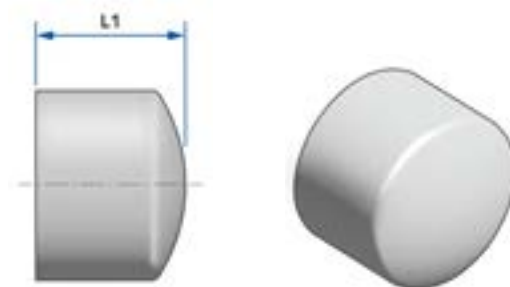
Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
CT73500	73/500	110	203



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

PVC caps: Telstra

Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
P00620	73/58	20	32
P00650	73/90	50	52
CT7335	73/35	100	91



EPDM plugs: Telstra

Product code	Typical dimensions	
	Telstra code	Nominal size DN
CT73216	73/216	20
CT73218	73/218	50
CT7344	73/44	100



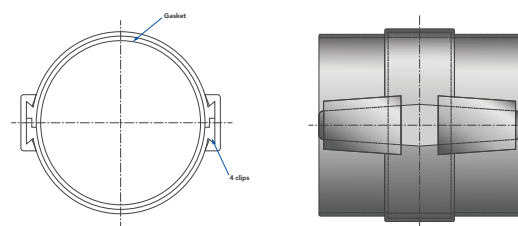
Above ground jointing post: Telstra

Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
CT77102	77/102	900	200



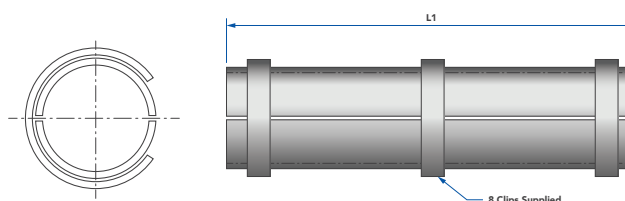
PVC split coupling - white: Telstra

Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
CT73113	73/113	100	130



PVC split repair sleeve: Telstra

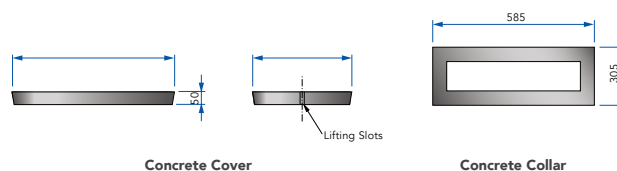
Product code	Typical dimensions		
	Telstra code	Nominal size DN	Length (mm) L1
CT73307	73/307	50	1000



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

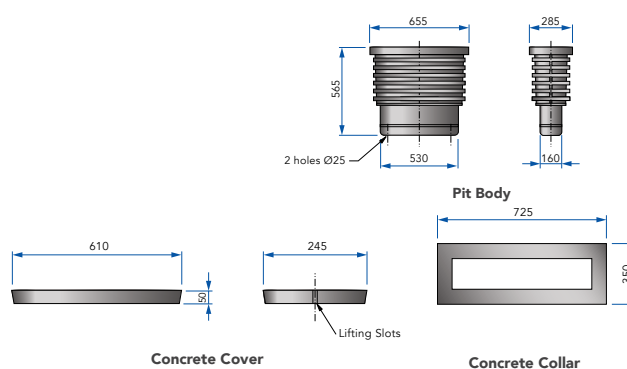
P1 pit assembly: Telstra

Product code	Product	Telstra code	No. Required
CT99115	Pit body		1
CT99127	Concrete cover - telstra	99/27	1
CT99127E	Concrete cover - electrical		1



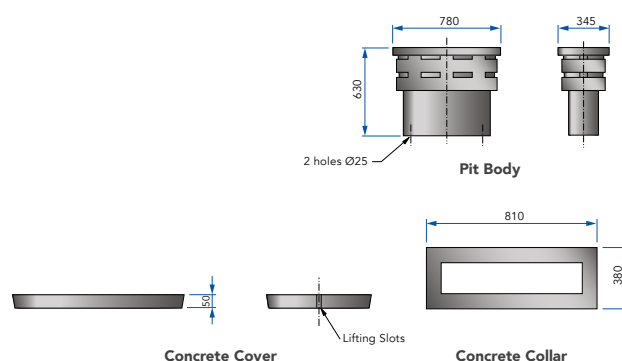
P2 pit assembly: Telstra

Product code	Product	Telstra code	No. required
CT9998	Pit body	99/98	1
CT9959E	Concrete cover - electrical		1
CT9959C	Concrete collar -communications		1
CT99001	Blank gasket		1



P3 pit assembly: Telstra

Product code	Product	Telstra code	No. Required
CT99117	Pit body	99/17	1
CT9960	Concrete cover - telstra	99/60	1
CT9960E	Concrete cover - electrical		1
CT9960C	Concrete collar -communications		1
CT99002	Blank gasket		1



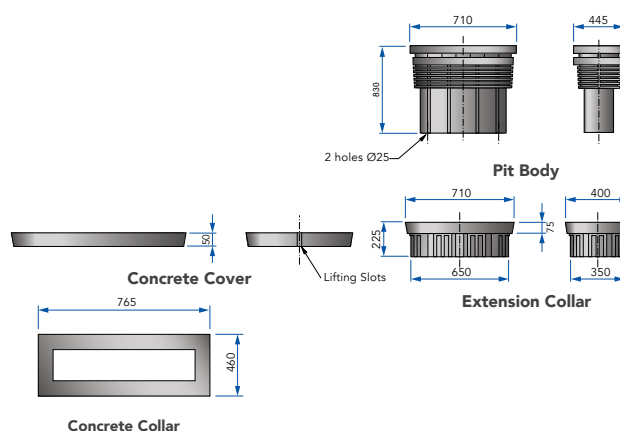
Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

P4 pit assembly: Telstra

Product code	Product	Telstra code	No. required
CT99118	Pit body	99/17	1
CT9961	Concrete cover - telstra	99/60	1
CT9961E	Concrete cover - electrical		1
CT9961C	Concrete collar -communications		1
CT99003	Blank gasket		1

Optional accessories

CT99175	Extension collar	99/175	1
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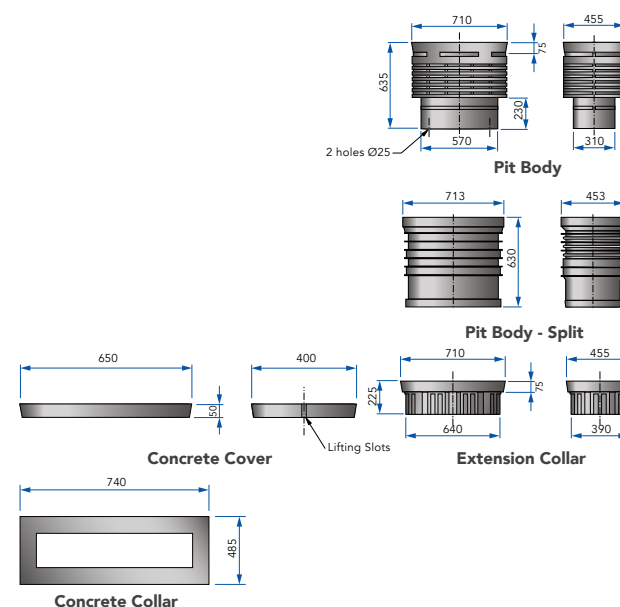


P5 pit assembly: Telstra

Product code	Product	Telstra code	No. required
CT99165	Pit body - rotor moulded	99/1165	1
CT99165B	Pit body - injection moulded	99/165V	1
CT99182	Pit body split	99/182	1
CT99166E	Concrete cover - electrical		1
CT99166C	Concrete collar -communications	99/66C	1
CT99177	Blank gasket	99/177	1

Optional accessories

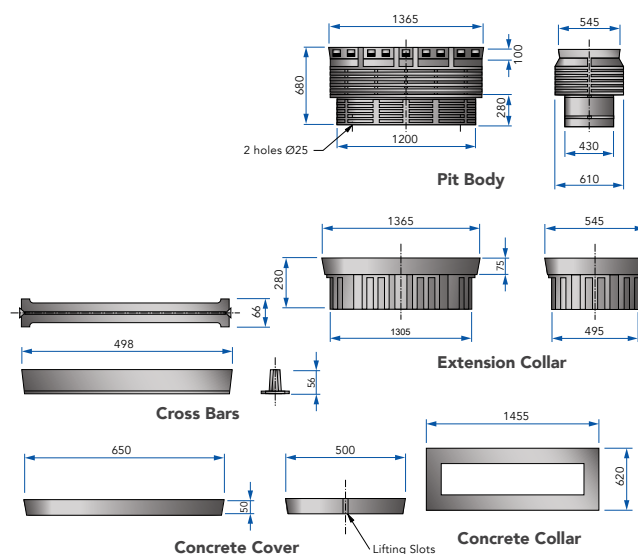
CT99175	Extension collar	99/173	1
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Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

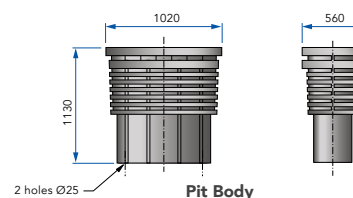
P6 pit assembly: Telstra

Product code	Product	Telstra code	No. required
CT99161	Pit body - roto moulded	99/17	1
CT9962E	Concrete cover - electrical		1
CT9962C	Concrete collar -communications	99/32C	1
GM9900067	Cross brass -cast iron	99/67	1
CT99003	Blank gasket	99/164	2
Optional accessories			
CT99172	Extension collar	99/172	1
CT73518	Concrete collar		1



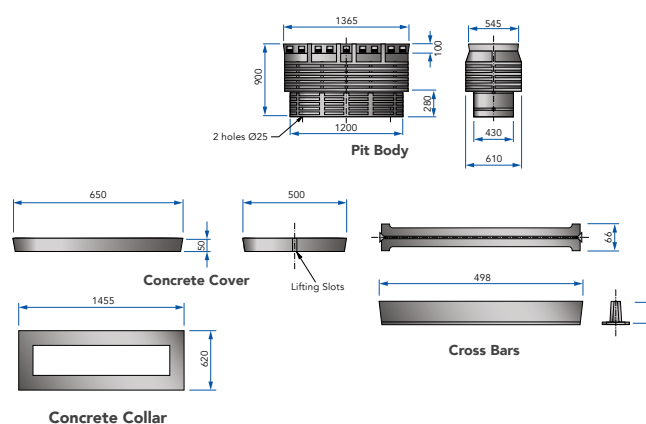
P7 pit assembly: Telstra

Product code	Product	Telstra code	No. required
CT99LP7	Pit Body	66/LP7	1



P8 Pit Assembly: Telstra

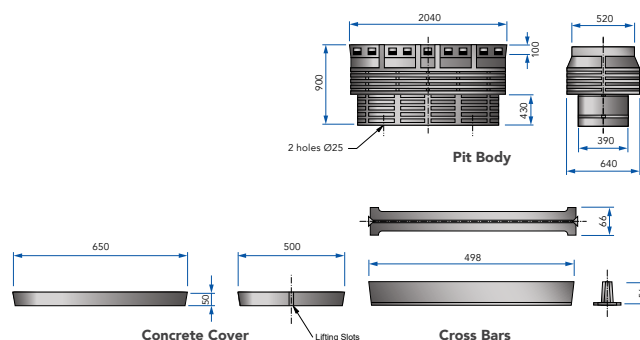
Product code	Product	Telstra code	No. Required
CT99162	Pit body	99/162	1
CT9962C	Concrete cover - communications		2
GM9900067	Cross bars -cast iron	99/67	1
Optional accessories			
CT73518	Concrete collar		1



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only.
If critical contact Iplex Pipelines.

P9 pit assembly: Telstra

Product code	Product	Telstra code	No. Required
CT99163	Pit body	99/162	1
CT9962C	Concrete cover - communications		3
GM9900067	Cross bars - cast iron	99/67	2
CT99164	Blank gasket	99/164	3

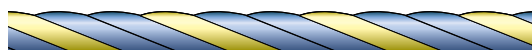


Miscellaneous pit items: Telstra

Product code	Telstra code	Description
CT99132	99/132	Plug for pit lid (P5, P6 & P9) for pit lid (P5, P6 & P9)
CT99174	99/174	Pit Re-instatement kit Telstra Re-instatement kit Telstra
CT996422001	.	Telco screw T17 SS Screw T17 SS
CT7792	73/92	Low level cable box white
CT97104	97/104	Telco ID tag 63x35 Telstra

Polypropylene rope: Telstra

Product code	Telstra code	Description
CT675294	675/00294	6-6.5mm x 400m blue/yellow telco rope 5.9KN



Polypropylene draw cord: Telstra

Product code	Telstra code	Description
CT67583	675/583	3mm x 1000m Telco Orange Draw Cord



Earth lead: Telstra

Product code	Telstra code	Description
CT7374081	74/81	3mm x 3m Telco Lead

Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

6.5 Tape

Marker tape non-detectable

Product code	Description
C912.06	Marker tape 100x250m non detectable orange electrical
C912.061	Marker tape 150x500m non detectable orange electrical
C912.081	Marker tape 150x500m non detectable white comms

DANGER ELECTRICAL CABLES BELOW

Marker tape detectable

Product code	Description
MTAPEORG200	Marker tape 200x250m detectable orange electrical
MTAPEWHT355	Marker tape 355x250m detectable white comms

DANGER ELECTRICAL CABLES BELOW

6.6 Sealants and solvent cements

Butyl rubber

Product code	Description
CT078867	3mm x 15m black bostik butyl rubber

Solvent cement

Product code	Description
JNB0125	PVC non-pressure blue solvent cement 125ml
JNB0250	PVC non-pressure blue solvent cement 250ml
JNB0500	PVC non-pressure blue solvent cement 500ml
JNB1000	PVC non-pressure blue solvent cement 1 L
JNB4000	PVC non-pressure blue solvent cement 4L
JPM0250	Low vapour cement 250ml
JPM0500	Low vapour cement 500ml

Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

Priming fluid

Product code	Description
JR0250	PVC red priming fluid 250ml
JR0500	PVC red priming fluid 500ml

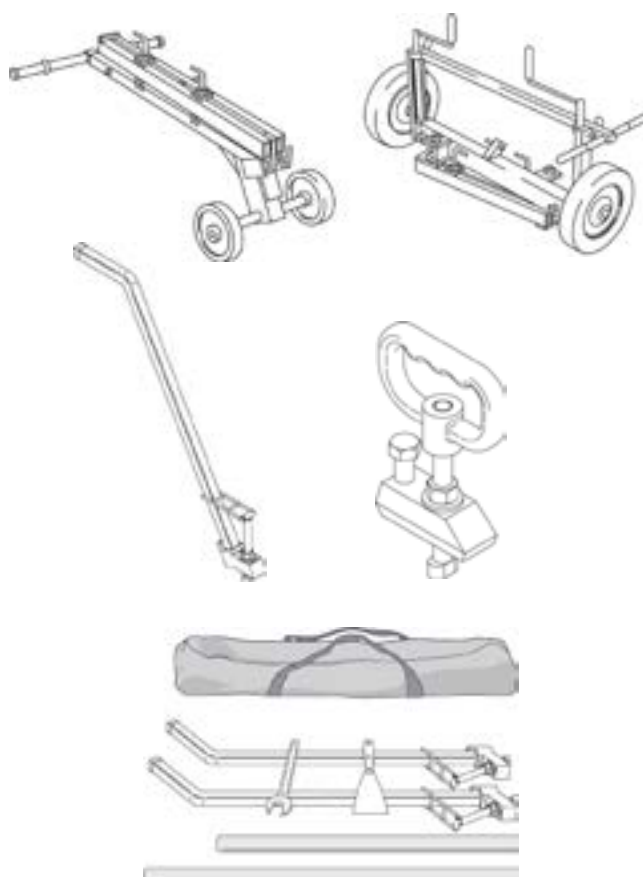
GATIC® sealant

Product code	Description
GM37504	GATIC sealing compound 4kg

6.7 GATIC covers and accessories

GATIC® lifter and accessories

Product code	Description
Wheel lifters	
GM374US	750x600O technilifter small wheel base lifter
GM374UL	900x900O technilifter small wheel base lifter
GM374ULL	1200HD winchlifter
Lifting handles	
GM374SH	The seal cracking key
GM374LH	The long handle key
Lifting key pack	
GM374LHP	A lifting keypack is available which comprises: • Two long-handle standard keys. • A spanner. • A length of 25mm diameter piping. • A scraper. • A canvas bag for ease of carrying above items.



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

GATIC® covers and frames

Product code	Description
GM301C66B	610 x 610 Class B Cover & Frame - CI 1 PT Concrete Infill
GM301C64B	610 x 457 Class B Cover & Frame - CI 1 PT Concrete Infill



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

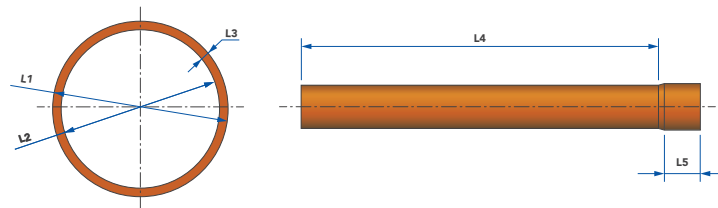
7.0 Electrical

7.1 Conduit

PVC electrical conduits - light duty orange

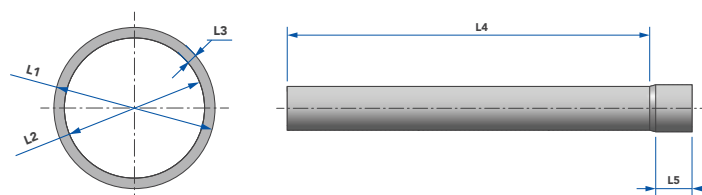
Product code	Typical dimensions					
	Nominal size DN	Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal length (m) L4	Socket length (mm) L5
P300806*	80	88.7	94.9	2	6	75
P400806	80	88.7	83.7	2.6	6	75
P4001006	100	114.1	107.8	3.2	6	105
P4001256	125	140	132.2	4	6	120
P4001506	150	160	151.3	4.5	6	128
P4002006	200	225	213.8	5.7	6	150

*Very Light Duty.



PVC electrical conduits - medium duty grey

Product code	Typical dimensions					
	Nominal size DN	Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal Length (m) L4	Socket length (mm) L5
P500164	16	15.7	12.4	1.6	4	30
P500204	20	19.7	16	1.8	4	30
P500254	25	24.7	21	1.8	4	37
P500324	32	31.7	27.4	2.1	4	45
P500404	40	39.7	34.8	2.4	4	45
P500504	50	49.7	44	2.8	4	55



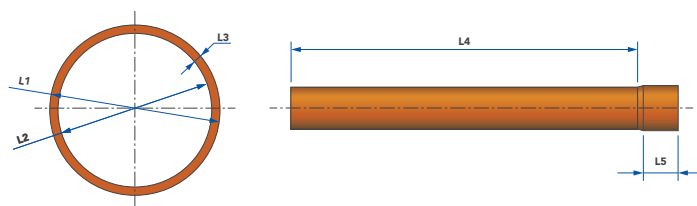
Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

PVC electrical conduits - heavy duty orange

Typical dimensions

Product code	Nominal size DN	Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal length (m) L4	Socket length (mm) L5
P600204	20	19.7	15	2.4	4	30
P600254	25	24.7	19.6	2.6	4	37
P600324	32	31.7	26.2	2.8	4	45
P600404	40	39.7	33.4	3.2	4	45
P600504	50	49.7	42.6	3.6	4	55
P600634	63	62.7	54.5	4.2	4	55
P600804*	80	88.7	79	4.9	4	78
P6001004*	100	114.1	101.7	6.3	4	105
P6001254*	125	140	124.9	7.6	4	117
P6001504*	150	160	142.7	8.8	4	127
P6002004*	200	225	203.1	11.1	4	150

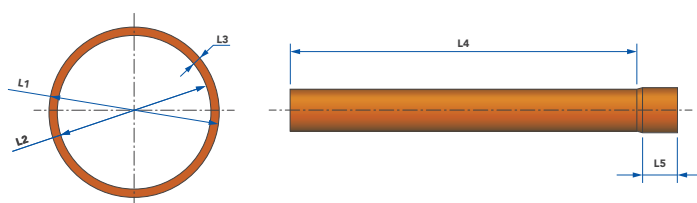
*Sizes 80mm - 200mm are foam core construction.



PVC electrical conduits - solid wall heavy duty orange (Vic market)

Typical dimensions

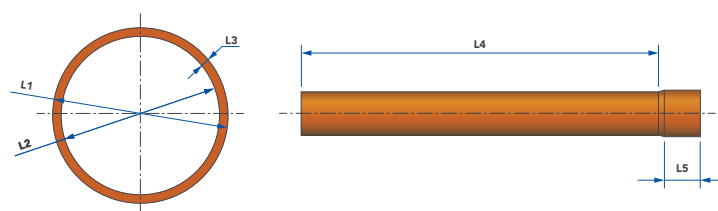
Product code	Nominal size DN	Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal length (m) L4	Socket length (mm) L5
EHDO80D	80	88.7	79	4.9	4	75
EHDO100D	100	114.1	101.7	6.3	4	102
EHDO125D	125	140	124.9	7.6	4	117
EHDO150D	150	160	142.7	8.8	4	127
EHDO200F	200	225	203.1	11.1	6	150



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

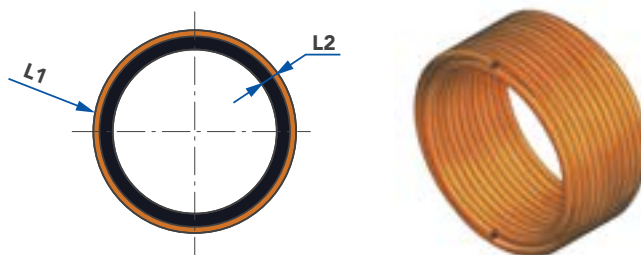
PVC electrical conduits - solid wall layered heavy duty orange (Old TMR market)

Product code	Typical Dimensions					
	Nominal size DN	Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal length (m) L4	Socket length (mm) L5
EHDOSC80D	80	88.7	79	4.6	4	73
EHDOSC100D	100	114.1	101.7	5.9	4	99
EHDOSC125D	125	140	124.9	7.2	4	115
EHDOSC150D	150	160	142.7	8.3	4	124
EHDOSC200F	200	225	203.1	10.5	6	140



PE electrical conduits - HDPE orange coils

Product code	Typical dimensions					
	Nominal size DN	Mean OD (mm) L1	SDR	Wall thickness (mm) L2	Nominal length (m)	Maximum pulling force (kN)
EHCX1363140	63	63.3	13.6	5	140	7.2
EHCX1390100	90	90.5	13.6	7	100	14.6
EHCX13110100	110	110.5	13.6	8.6	100	22
EHCX13125100	125	125.6	13.6	9.7	100	28.2
EHCX13140100	140	140.7	13.6	10.9	100	35.3

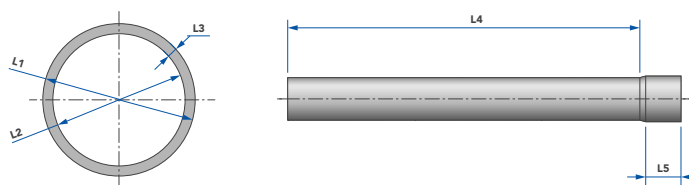


Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

PVC rigid conduits - grey solar heavy duty

Product code	Typical dimensions					
	Nominal size DN	Mean OD (mm) L1	Mean ID (mm) L2	Wall thickness (mm) L3	Nominal length (m) L4	Socket length (mm) L5
P600204S	20	19.7	15	2.3	4	30
P600254S	25	24.7	19.6	2.5	4	37
P600324S	32	31.7	26.2	2.7	4	45

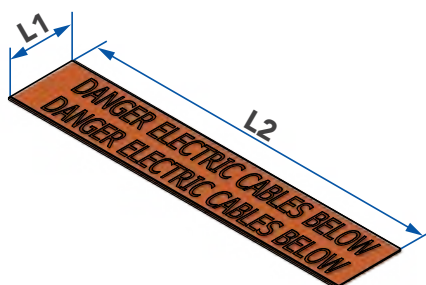
Rigid- manufactured to AS/NZS 2053.2.



7.2 Cable covers

Electrical cable cover

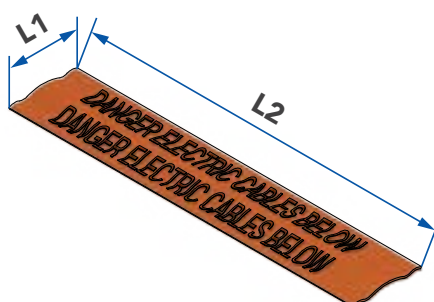
Product code	Typical dimensions		
	Width (mm) L1	Nominal length (m) L2	Markings
ECS1502000	150	2	Single print
ECS15025	150	25	Single print
ECS2002000	200	2	Single print
ECS20025	200	25	Double print
ECS3002000	300	2	Single print
ECS3002000DP	300	2	Double print
ECS30015	300	15	Single print
ECS30015DP	300	15	Double print
ECS45020	450	20	Single print



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

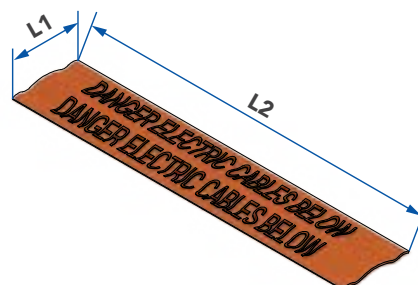
Corro cover

Product code	Typical dimensions		Markings
	Width (mm) L1	Nominal length (m) L2	
ECCS2101200	210	1.2	Single print
ECCS3001200	300	1.2	Single print
ECCS3002100	300	2.1	Single print



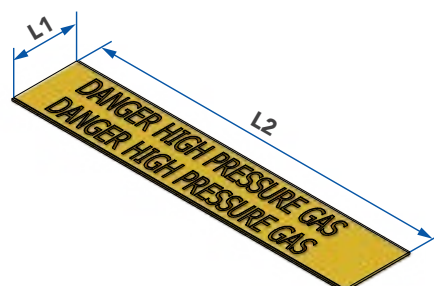
Cable cover - non standard

Product code	Width (mm) L1	Nominal Length (m) L2
ECNS15025	150	25
ECNS20025	200	25
ECNS30025	300	25



Gas cover - non standard

Product code	Width (mm) L1	Nominal length (m) L2
ECGNS15025	150	25
ECGNS30025	300	25



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

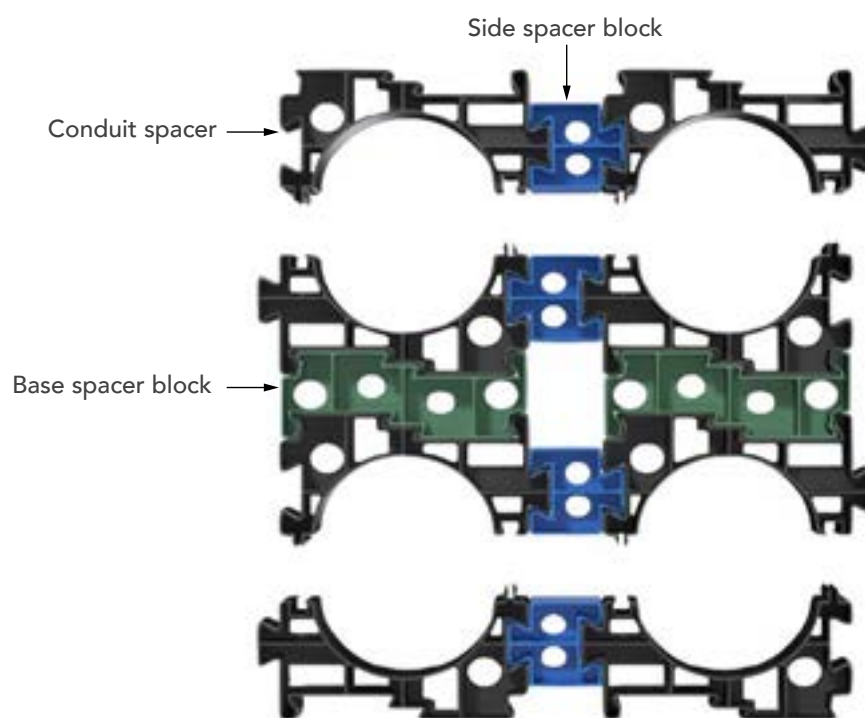
7.3 Spacers

Qikbuild conduit spacers

Item number	Item code	Item description	Conduit / duct sizes	Separation
50197815	SPACERQB10050	100mm QIKBUILD spacer	100	50
50197816	SPACERQB12550	125mm QIKBUILD spacer	125	50
50197817	SPACERQB15070	150mm QIKBUILD spacer	150	70
50197818	SPACERQB20070	200mm QIKBUILD spacer	200	70

Qikbuild spacer blocks

Item number	Item code	Item description	Separation
50197819	SPACERBLOCKQBS10050B	QB base spacer block 100	50
50197820	SPACERBLOCKQBS10050S	QB side spacer block 100	50
50197821	SPACERBLOCKQBS15050B	QB base spacer block 150	50
50197822	SPACERBLOCKQBS15050S	QB Side spacer block 150	50

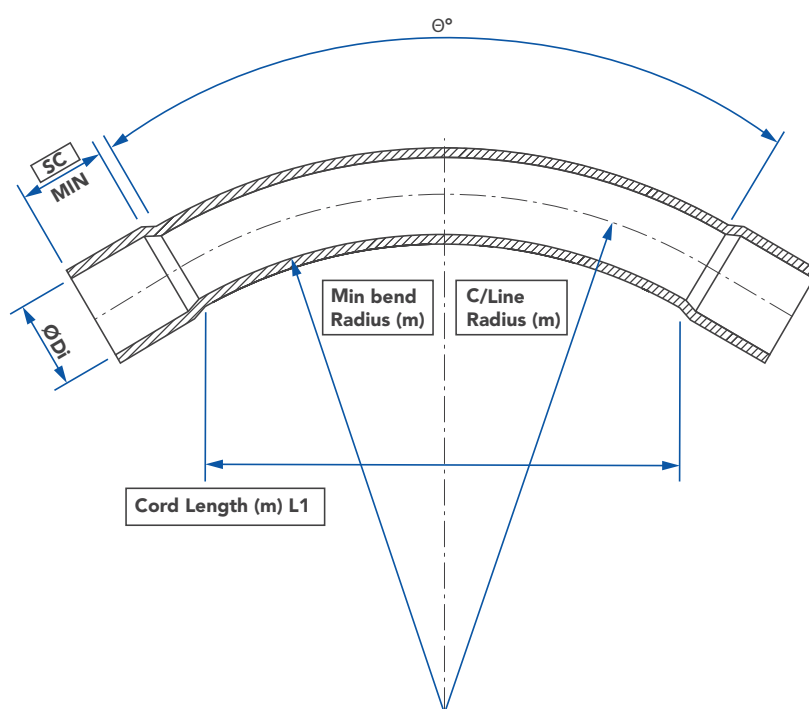


Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

7.4 Bends

Electrical bends

Item number	Nominal size DN	Degree θ°	Duty	C/line bend rad (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1
DN20 bends										
6032045150R	20	45	HD	0.15	0.14	FF	ORG		Solid	0.11
6032090150R	20	90	HD	0.15	0.14	FF	ORG		Solid	0.2
DN25 bends										
6032545150R	25	45	HD	0.15	0.13	FF	ORG		Solid	0.1
6032590150R	25	90	HD	0.15	0.13	FF	ORG		Solid	0.18
DN32 bends										
E032A3245T40	32	45	HD	0.34	0.32	FF	ORG	VESI	Solid	0.24
E032A3290T40	32	90	HD	0.34	0.32	FF	ORG	VESI	Solid	0.45
DN40 bends										
6034022300R	40	22.5	HD	0.3	0.28	FF	ORG		Solid	0.11
6034022600R	40	22.5	HD	0.6	0.58	FF	ORG		Solid	0.23
6034045300R	40	45	HD	0.3	0.28	FF	ORG		Solid	0.21
6034045600R	40	45	HD	0.6	0.58	FF	ORG		Solid	0.44
6034090300R	40	90	HD	0.3	0.28	FF	ORG		Solid	0.4
6034090600R	40	90	HD	0.6	0.58	FF	ORG		Solid	0.82



Electrical bends continued

Item number	Nominal size DN	Degree θ°	Duty	C/line bend rad (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1
DN50 bends										
6035011300R	50	11.25	HD	0.3	0.27	FF	ORG		Solid	0.05
E032E5011W	50	11.25	HD	0.6	0.58	FF	ORG		Solid	0.11
6035022300RW	50	22	HD	0.3	0.27	FF	WHT		Solid	0.1
6035022300R	50	22.5	HD	0.3	0.27	FF	ORG		Solid	0.11
6035022600R	50	22.5	HD	0.6	0.57	FF	WHT		Solid	0.22
6035030300R	50	30	HD	0.3	0.27	FF	ORG		Solid	0.14
6035045300R	50	45	HD	0.3	0.27	FF	ORG		Solid	0.21
6035045300RW	50	45	HD	0.3	0.27	FF	WHT		Solid	0.21
6035045600R	50	45	HD	0.6	0.57	FF	ORG		Solid	0.44
6035045600RW	50	45	HD	0.6	0.57	FF	WHT		Solid	0.44
60350451200R	50	45	HD	1.2	1.17	FF	ORG		Solid	0.9
60350451800R	50	45	HD	1.8	1.77	FF	ORG		Solid	1.35
6035090300R	50	90	HD	0.3	0.27	FF	ORG		Solid	0.38
6035090300RW	50	90	HD	0.3	0.27	FF	WHT		Solid	0.38
6035090450R	50	90	HD	0.45	0.42	FF	ORG		Solid	0.59
6035090600R	50	90	HD	0.6	0.57	FF	ORG		Solid	0.81
6035090600RW	50	90	HD	0.6	0.57	FF	WHT		Solid	0.81
60350901200R	50	90	HD	1.2	1.17	FF	ORG		Solid	1.65
60350901800R	50	90	HD	1.8	1.77	FF	ORG		Solid	2.5
DN63 bends										
60363156000R	63	15	HD	6	5.96	FF	ORG		Solid	1.56
E032A6322T90	63	22.5	HD	0.39	0.36	FF	ORG	VESI	Solid	0.14
60363222500R	63	22.5	HD	2.5	2.46	FF	ORG		Solid	0.96
E032A6330T90	63	30	HD	0.39	0.36	FF	ORG		Solid	0.19
60363306000R	63	30	HD	6	5.96	FF	ORG		Solid	3.09
E032A6345T90	63	45	HD	0.39	0.36	FF	ORG	VESI	Solid	0.28
6036345600R	63	45	HD	0.6	0.56	FF	ORG		Solid	0.43
60363452500R	63	45	HD	2.5	2.46	FF	ORG		Solid	1.88
E031A6360T90	63	60	HD	0.39	0.36	MF	ORG		Solid	0.36
E032A6360T90	63	60	HD	0.39	0.36	FF	ORG		Solid	0.36
E032A6390T90	63	90	HD	0.39	0.36	FF	ORG	VESI	Solid	0.51
6036390600R	63	90	HD	0.6	0.56	FF	ORG		Solid	0.79
60363901200R	63	90	HD	1.2	1.16	FF	ORG		Solid	1.64

Electrical bends continued

Item number	Nominal size DN	Degree θ°	Duty	C/line bend rad (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1
DN80 bends										
6038011375R	80	11.25	HD	0.375	0.33	FF	ORG		Layered	0.06
E032A8011W40	80	11.25	HD	0.64	0.6	FF	ORG		Solid	0.12
40180151830R	80	15	LD	1.83	1.78	FF	ORG		Layered	0.46
60380151830R	80	15	HD	1.83	1.78	FF	ORG		Layered	0.46
6038022375R	80	22.5	HD	0.375	0.33	FF	ORG		Layered	0.13
6038022450R	80	22.5	HD	0.45	0.4	FF	ORG		Layered	0.16
E032A8022W40	80	22.5	HD	0.64	0.6	FF	ORG	VESI	Solid	0.23
6038030375R	80	30	HD	0.375	0.33	FF	ORG		Layered	0.17
6038030450R	80	30	HD	0.45	0.4	FF	ORG		Layered	0.21
E032A8030W40	80	30	HD	0.64	0.6	FF	ORG		Solid	0.31
40180301830R	80	30	LD	1.83	1.78	FF	ORG		Layered	0.92
6038030600R	80	30	HD	6	5.95	FF	ORG		Layered	3.08
6038045375R	80	45	HD	0.375	0.33	FF	ORG		Layered	0.25
6038045450R	80	45	HD	0.45	0.4	FF	ORG		Layered	0.31
E032A8045W40	80	45	HD	0.64	0.6	FF	ORG	VESI	Solid	0.46
40180451200R	80	45	LD	1.2	1.15	FF	ORG		Layered	0.88
60380451200R	80	45	HD	1.2	1.15	FF	ORG		Layered	0.88
40180451830R	80	45	LD	1.83	1.78	FF	ORG		Layered	1.36
60380451830R	80	45	HD	1.83	1.78	FF	ORG		Layered	1.36
E032C10045AY30	80	45	HD	1.83	1.23	FF	ORG	TMR	Solid Layered	0.94
6038090375R	80	90	HD	0.375	0.33	FF	ORG		Layered	0.47
4018090450R	80	90	LD	0.45	0.4	FF	ORG		Layered	0.57
6038090450R	80	90	HD	0.45	0.4	FF	ORG		Layered	0.57
E0128090	80	90	HD	0.45	0.4	FF	ORG		Solid	0.57
E032A8090W40	80	90	HD	0.64	0.6	FF	ORG	VESI	Solid	0.85
E032C8090W40	80	90	HD	0.64	0.6	FF	ORG	TMR	Solid Layered	0.85
E032D8090W40	80	90	LD	0.64	0.6	FF	ORG	VESI	Layered	0.85
6038090900R	80	90	HD	0.9	0.85	FF	ORG		Layered	1.2
40180901000R	80	90	LD	1	0.95	FF	ORG		Layered	1.34
60380901200R	80	90	HD	1.2	1.15	FF	ORG		Layered	1.63
40180901830R	80	90	LD	1.83	1.78	FF	ORG		Layered	2.52
60380901830R	80	90	HD	1.83	1.78	FF	ORG		Layered	2.52

Electrical bends continued

Item number	Nominal size DN	Degree θ°	Duty	C/line bend rad (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1
DN100 bends										
E01210011EF	100	11.25	HD	1.1	1.04	FF	ORG		Solid	0.2
60310011450R	100	11.25	HD	0.45	0.39	FF	ORG		Layered	0.08
E032C10011W	100	11.25	HD	0.6	0.55	FF	ORG	TMR	Solid Layered	0.11
E032A10011X0	100	11.25	HD	0.7	0.64	FF	ORG	VESI	Solid	0.13
E032A10011X0W	100	11.25	HD	0.7	0.64	FF	WHT		Solid	0.13
60310011900R	100	11.25	HD	0.9	0.84	FF	ORG		Layered	0.16
603100111830R	100	11.25	HD	1.83	1.77	FF	ORG		Layered	0.35
60310015450R	100	15	HD	0.45	0.39	FF	ORG		Layered	0.1
E032A10015X0	100	15	HD	0.7	0.64	FF	ORG	VESI	Solid	0.17
603100151200R	100	15	HD	1.2	1.14	FF	ORG		Layered	0.3
603100151200RS	100	15	HD	1.2	1.14	MF	ORG		Layered	0.3
E01110015L	100	15	HD	1.2	1.15	MF	ORG		Solid	0.3
401100151830R	100	15	LD	1.83	1.77	FF	ORG		Layered	0.46
603100151830R	100	15	HD	1.83	1.77	FF	ORG		Layered	0.46
603100151830RS	100	15	HD	1.83	1.77	MF	ORG		Layered	0.46
E01110015M	100	15	HD	1.83	1.78	MF	ORG		Solid	0.46
401100152400R	100	15	LD	2.4	2.34	FF	ORG		Layered	0.61
E01210022EF	100	22	HD	1.1	1.04	FF	ORG		Solid	0.4
40110022450R	100	22.5	LD	0.45	0.39	FF	ORG		Layered	0.15
60310022450R	100	22.5	HD	0.45	0.39	FF	ORG		Layered	0.15
60310022450RW	100	22.5	HD	0.45	0.39	FF	WHT		Layered	0.15
E032C8022W40	100	22.5	HD	0.64	0.6	FF	ORG	TMR	Solid Layered	0.23
E032A10022X0	100	22.5	HD	0.7	0.64	FF	ORG	VESI	Solid	0.25
E032A10022X0W	100	22.5	HD	0.7	0.64	FF	WHT	VESI	Solid	0.25
E032C10022X0	100	22.5	HD	0.7	0.64	FF	ORG	TMR	Solid Layered	0.25
E032D10022X0	100	22.5	LD	0.7	0.64	FF	ORG		Layered	0.25
60310022750R	100	22.5	HD	0.75	0.69	FF	ORG		Layered	0.27
60310022750RW	100	22.5	HD	0.75	0.69	FF	WHT		Layered	0.27
60310022800R	100	22.5	HD	0.8	0.74	FF	ORG		Layered	0.29
60310022900R	100	22.5	HD	0.9	0.84	FF	ORG		Layered	0.33
E032B5022Z	100	22.5	HD	0.9	0.85	FF	ORG		Solid	0.33
E032C10022A	100	22.5	HD	1	0.95	FF	ORG	TMR	Solid Layered	0.37
603100221200R	100	22.5	HD	1.2	1.14	FF	ORG		Layered	0.44

Electrical bends continued

Item number	Nominal size DN	Degree θ°	Duty	C/line bend rad (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1
E032C10022AS	100	22.5	HD	1.2	1.15	FF	ORG	TMR	Solid Layered	0.45
E032C15022AS	100	22.5	HD	1.2	1.15	FF	ORG	TMR	Solid Layered	0.45
603100221830R	100	22.5	HD	1.83	1.77	FF	ORG		Layered	0.69
E01110022M	100	22.5	HD	1.83	1.77	MF	ORG		Solid	0.69
E01210022R	100	22.5	HD	2	1.94	FF	ORG		Solid	0.76
603100222500R	100	22.5	HD	2.5	2.44	FF	ORG		Layered	0.95
E01210022T	100	22.5	HD	2.5	2.44	FF	ORG		Solid	0.95
603100225000R	100	22.5	HD	5	4.94	FF	ORG		Layered	1.93
603100225000RS	100	22.5	HD	5	4.94	MF	ORG		Layered	1.93
603100226000R	100	22.5	HD	6	5.94	FF	ORG		Layered	2.32
603100226000RS	100	22.5	HD	6	5.94	MF	ORG		Layered	2.32
603100226000RSW	100	22.5	HD	6	5.94	MF	WHT		Layered	2.32
603200226000RS	100	22.5	HD	6	5.94	MF	ORG		Layered	2.32
60310030450R	100	30	HD	0.45	0.39	FF	ORG		Layered	0.2
E031A10030X0	100	30	HD	0.7	0.64	MF	ORG		Solid	0.33
E032A10030X0	100	30	HD	0.7	0.64	FF	ORG		Solid	0.33
603100301200RS	100	30	HD	1.2	1.14	MF	ORG		Layered	0.59
401100301830R	100	30	LD	1.83	1.77	FF	ORG		Layered	0.92
603100301830R	100	30	HD	1.83	1.77	FF	ORG		Layered	0.92
603100301830RS	100	30	HD	1.83	1.77	MF	ORG		Layered	0.92
E01110030M	100	30	HD	1.83	1.78	MF	ORG		Solid	0.92
E01110030L	100	30	HD	5	4.94	MF	ORG		Solid	2.56
40110045450R	100	45	LD	0.45	0.39	FF	ORG		Layered	0.3
60310045450R	100	45	HD	0.45	0.39	FF	ORG		Layered	0.3
60310045450RW	100	45	HD	0.45	0.39	FF	WHT		Layered	0.3
E032A10045X0	100	45	HD	0.7	0.64	FF	ORG	VESI	Solid	0.49
E032A10045X0W	100	45	HD	0.7	0.64	FF	WHT	VESI	Solid	0.49
E032D10045X0	100	45	LD	0.7	0.64	FF	ORG		Layered	0.49
60310045900R	100	45	HD	0.9	0.84	FF	ORG		Layered	0.64
603100451000R	100	45	HD	1	0.94	FF	ORG		Layered	0.72
E032C10045A	100	45	HD	1	0.64	FF	ORG	TMR	Solid Layered	0.49
E01210045EF	100	45	HD	1.1	1.04	FF	ORG		Solid	0.8
401100451200R	100	45	LD	1.2	1.14	FF	ORG		Layered	0.87
603100451200R	100	45	HD	1.2	1.14	FF	ORG		Layered	0.87

Electrical bends continued

Item number	Nominal size DN	Degree θ°	Duty	C/line bend rad (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1
E01210045L	100	45	HD	1.2	1.14	FF	ORG		Solid	0.87
E032C15045AS	100	45	HD	1.2	1.15	FF	ORG	TMR	Solid Layered	0.88
401100451830R	100	45	LD	1.83	1.77	FF	ORG		Layered	1.35
603100451830R	100	45	HD	1.83	1.77	FF	ORG		Layered	1.35
603100451830RS	100	45	HD	1.83	1.77	MF	ORG		Layered	1.35
603100452000R	100	45	HD	2	1.94	FF	ORG		Layered	1.48
E01210045R	100	45	HD	2	1.94	FF	ORG		Solid	1.48
603100452500R	100	45	HD	2.5	2.44	FF	ORG		Layered	1.87
E01110045T	100	45	HD	2.5	2.44	MF	ORG		Solid	1.87
E01210045T	100	45	HD	2.5	2.44	FF	ORG		Solid	1.87
E012100453K	100	45	HD	3	2.94	FF	ORG		Solid	2.25
60310060450R	100	60	HD	0.45	0.39	FF	ORG		Layered	0.39
E032A10060X0	100	60	HD	0.7	0.64	FF	ORG		Solid	0.64
40110090450R	100	90	LD	0.45	0.39	FF	ORG		Layered	0.55
60310090450R	100	90	HD	0.45	0.39	FF	ORG		Layered	0.55
60310090450RW	100	90	HD	0.45	0.39	FF	WHT		Layered	0.55
E01210090D	100	90	HD	0.45	0.39	FF	ORG		Solid	0.55
E032C10090W	100	90	HD	0.6	0.55	FF	ORG	TMR	Solid Layered	0.78
60310090700R	100	90	HD	0.7	0.64	FF	ORG		Layered	0.91
E032A10090X0	100	90	HD	0.7	0.64	FF	ORG	VESI	Solid	0.91
E032A10090X0W	100	90	HD	0.7	0.64	FF	WHT	VESI	Solid	0.91
E032C10090X0	100	90	HD	0.7	0.64	FF	ORG	TMR	Solid Layered	0.91
E032D10090X0	100	90	LD	0.7	0.64	FF	ORG		Layered	0.91
60310090750R	100	90	HD	0.75	0.69	FF	ORG		Layered	0.98
60310090900R	100	90	HD	0.9	0.84	FF	ORG		Layered	1.19
E01210090J	100	90	HD	0.9	0.84	FF	ORG		Solid	1.19
401100901000R	100	90	LD	1	0.94	FF	ORG		Layered	1.33
603100901000R	100	90	HD	1	0.94	FF	ORG		Layered	1.33
E01210090K	100	90	HD	1	0.94	FF	ORG		Solid	1.33
603100901200R	100	90	HD	1.2	1.14	FF	ORG		Layered	1.61
E01210090L	100	90	HD	1.2	1.14	FF	ORG		Solid	1.61
603100901500R	100	90	HD	1.5	1.44	FF	ORG		Layered	2.04
401100901830R	100	90	LD	1.83	1.77	FF	ORG		Layered	2.5
603100901800RS	100	90	HD	1.83	1.77	MF	ORG		Layered	2.5

Electrical bends continued

Item number	Nominal size DN	Degree θ°	Duty	C/line bend rad (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1
603100901830R	100	90	HD	1.83	1.77	FF	ORG		Layered	2.5
E01110090M	100	90	HD	1.83	1.77	MF	ORG		Solid	2.5
603100902000R	100	90	HD	2	1.94	FF	ORG		Layered	2.74
E01210090R	100	90	HD	2	1.94	FF	ORG		Solid	2.74
DN125 bends										
60312511600R	125	11.25	HD	0.6	0.52	FF	ORG		Layered	0.1
E01212511	125	11.25	HD	0.8	0.72	FF	ORG		Solid	0.14
E032A12511BS10	125	11.25	HD	2.21	2.14	FF	ORG		Solid	0.42
E032A12515BS10	125	15	HD	2.21	2.14	FF	ORG		Solid	0.56
E032D12515BS10	125	15	LD	2.21	2.14	FF	ORG		Layered	0.56
40112522600R	125	22.5	LD	0.6	0.53	FF	ORG		Layered	0.21
60312522600R	125	22.5	HD	0.6	0.52	FF	ORG		Layered	0.2
E01212522	125	22.5	HD	0.8	0.72	FF	ORG		Solid	0.28
401125221200R	125	22.5	LD	1.2	1.13	FF	ORG		Layered	0.44
603125221200R	125	22.5	HD	1.2	1.12	FF	ORG		Layered	0.44
E032A12522BS10	125	22.5	HD	2.21	2.14	FF	ORG	VESI	Solid	0.83
E032D12522BS10	125	22.5	LD	2.21	2.14	FF	ORG		Layered	0.83
603125222400R	125	22.5	HD	2.4	2.32	FF	ORG		Layered	0.91
60312530600R	125	30	HD	0.6	0.52	FF	ORG		Layered	0.27
E01212530S	125	30	HD	2.2	2.12	FF	ORG		Solid	1.1
E032A12530BS10	125	30	HD	2.21	2.14	FF	ORG		Solid	1.11
E032D12530BS10	125	30	LD	2.21	2.14	FF	ORG		Layered	1.11
40112545600R	125	45	LD	0.6	0.53	FF	ORG		Layered	0.41
60312545600R	125	45	HD	0.6	0.52	FF	ORG		Layered	0.4
E01212545	125	45	HD	0.8	0.72	FF	ORG		Solid	0.55
401125451000R	125	45	LD	1	0.93	FF	ORG		Layered	0.71
401125451200R	125	45	LD	1.2	1.13	FF	ORG		Layered	0.86
603125451200R	125	45	HD	1.2	1.12	FF	ORG		Layered	0.86
E01212545LCA	125	45	HD	1.63	1.55	FF	ORG		Solid	1.19
E01212545S	125	45	HD	2.2	2.12	FF	ORG		Solid	1.62
E032A12545BS10	125	45	HD	2.21	2.14	FF	ORG	VESI	Solid	1.64
E032D12545BS10	125	45	LD	2.21	2.14	FF	ORG		Layered	1.64
603125452400R	125	45	HD	2.4	2.32	FF	ORG		Layered	1.78
603125452400RS	125	45	HD	2.4	2.32	MF	ORG		Layered	1.78

Electrical bends continued

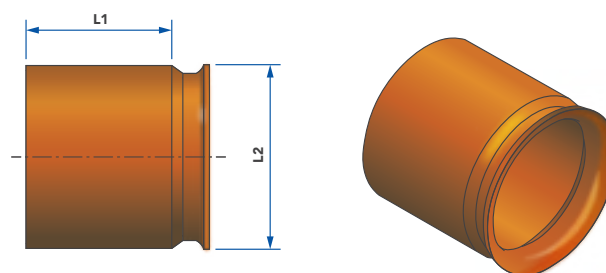
Item number	Nominal size DN	Degree θ°	Duty	C/line bend rad (m)	Min bend radius (m)	END	Colour	Regional compliance	Construction	Cord length (m) L1
401125601000R	125	60	LD	1	0.93	FF	ORG		Layered	0.93
E032D12560BS10	125	60	LD	2.21	2.14	FF	ORG		Layered	2.14
40112590600R	125	90	LD	0.6	0.53	FF	ORG		Layered	0.75
60312590600R	125	90	HD	0.6	0.52	FF	ORG		Layered	0.74
E01212590	125	90	HD	0.8	0.72	FF	ORG		Solid	1.02
60312590900R	125	90	HD	0.9	0.82	FF	ORG		Layered	1.16
401125901000R	125	90	LD	1	0.93	FF	ORG		Layered	1.32
401125901200R	125	90	LD	1.2	1.13	FF	ORG		Layered	1.6
603125901200R	125	90	HD	1.2	1.12	FF	ORG		Layered	1.58
E01212590L	125	90	HD	1.2	1.12	FF	ORG		Solid	1.58
E01212590S	125	90	HD	2.2	2.12	FF	ORG		Solid	3
E032A12590BS10	125	90	HD	2.21	2.14	FF	ORG	VESI	Solid	3.03
E032D12590BS10	125	90	LD	2.21	2.14	FF	ORG		Layered	3.03
DN200 bends										
603200112500R	200	11.25	HD	2.5	2.38	FF	ORG		Layered	0.47
603200151800R	200	15	HD	1.8	1.68	FF	ORG		Layered	0.44
401200156000R	200	15	LD	6	5.88	FF	ORG		Layered	1.53
603200221600R	200	22.5	HD	1.6	1.48	FF	ORG		Layered	0.58
603200221800R	200	22.5	HD	1.8	1.68	FF	ORG		Layered	0.66
401200226000R	200	22.5	LD	6	5.88	FF	ORG		Layered	2.29
401200226000RS	200	22.5	LD	6	5.88	MF	ORG		Layered	2.29
603200226000R	200	22.5	HD	6	5.88	FF	ORG		Layered	2.29
603200301800R	200	30	HD	1.8	1.68	FF	ORG		Layered	0.87
60320045900R	200	45	HD	0.9	0.78	FF	ORG		Layered	0.6
603200451200R	200	45	HD	1.2	1.08	FF	ORG		Layered	0.83
40120090900R	200	90	LD	0.9	0.78	FF	ORG		Layered	1.1
60320090900R	200	90	HD	0.9	0.78	FF	ORG		Layered	1.1
603200901200R	200	90	HD	1.2	1.08	FF	ORG		Layered	1.53
603200901500R	200	90	HD	1.5	1.38	FF	ORG		Layered	1.95
603200901600R	200	90	HD	1.6	1.48	FF	ORG		Layered	2.09
603200901800R	200	90	HD	1.8	1.68	FF	ORG		Layered	2.38
401200902000R	200	90	LD	2	1.88	FF	ORG		Layered	2.66
603200902000R	200	90	HD	2	1.88	FF	ORG		Layered	2.66

Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines. Custom made large radius bends available upon request.

7.5 Fittings

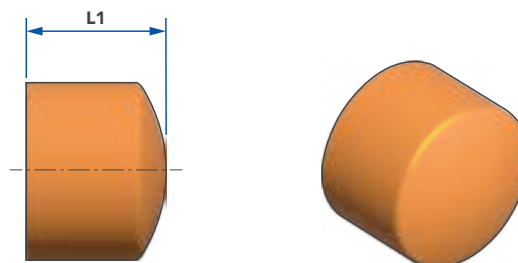
PVC bell mouths

Product code	Typical dimensions		
	Nominal size DN	Length (mm) L1	Length (mm) L2
61132	32	25	51
61140	40	32	47
61150	50	40	57
61163	63	50	71
61180	80	73	100
611100	100	99	127
611125	125	115	155
611150	150	124	178
611200	200	147	275



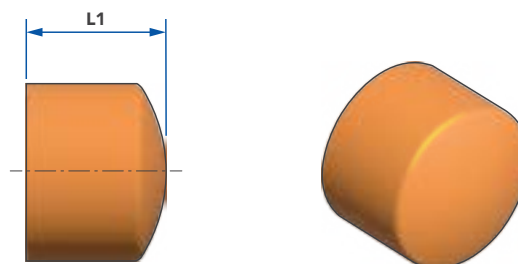
PVC caps

Product code	Typical dimensions	
	Nominal size DN	Length (mm) L1
61240	40	35
61250	50	35
61263	63	35
61280	80	35
612100	100	35
612125	125	35
612150	150	35



PVC solid wall caps

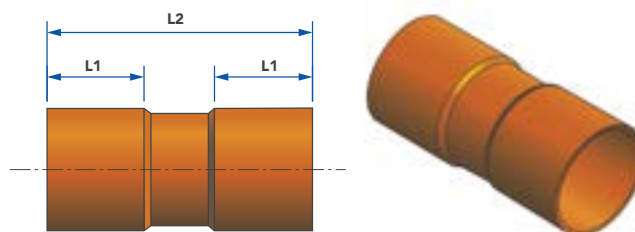
Product code	Typical dimensions	
	Nominal size DN	Length (mm) L1
E006150	150	35



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

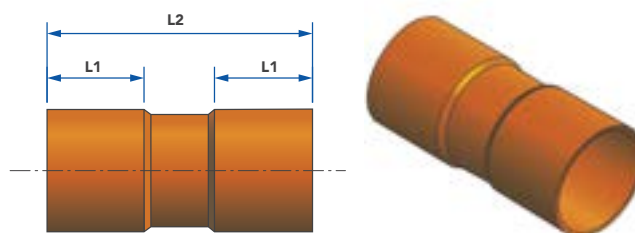
PVC light duty couplings

Product code	Typical dimensions		
	Nominal size DN	Length (mm) L1	Length (mm) L2
41080	80	73	190
410125	125	115	320
410100	100	99	270
410150	150	124	350



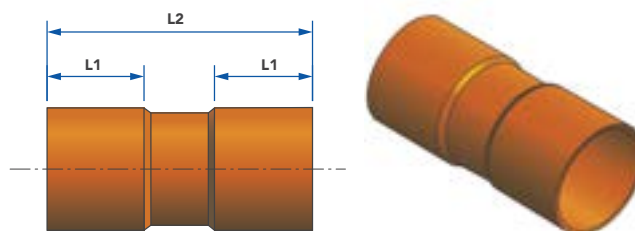
PVC heavy duty couplings

Product code	Typical dimensions		
	Nominal size DN	Length (mm) L1	Length (mm) L2
61032	32	25	70
61040	40	32	85
61050	50	40	100
61063	63	50	120
61080	80	73	190
610100	100	99	270
610125	125	115	320
610150	150	124	350
610200	200	147	400



PVC solid wall heavy duty couplings

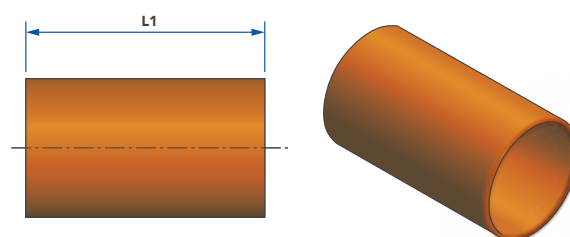
Product code	Typical dimensions		
	Nominal size DN	Length (mm) L1	Length (mm) L2
E00780	80	73	190
E007100	100	99	270
E007125	125	115	320
E007150	150	124	350



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

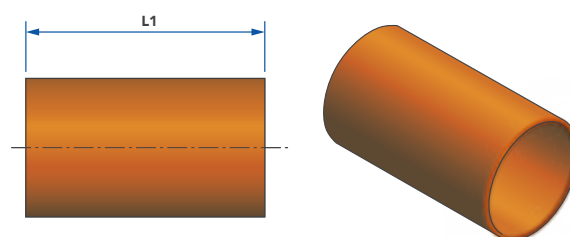
PVC light duty slip coupling

Product code	Typical dimensions	
	Nominal size DN	Length (mm) L1
411S100	100	200
411S125	125	260
411S150	100	270
411S200	150	300



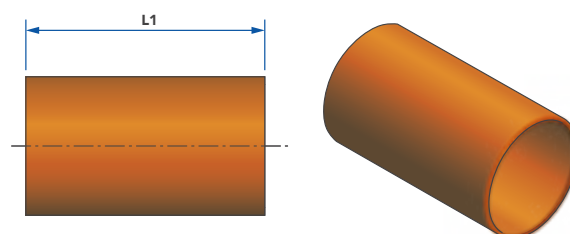
PVC heavy duty slip coupling

Product code	Typical dimensions	
	Nominal size DN	Length (mm) L1
611S50	50	110
611S63	63	125
611S80	80	155
611S100	100	210
611S125	125	240
611S150	150	280



PVC solid wall heavy duty slip coupling

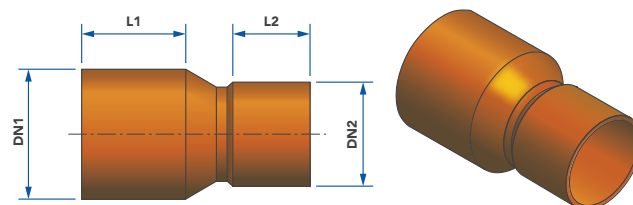
Product code	Typical dimensions	
	Nominal size DN	Length (mm) L1
E00780SLIP	80	155
E007100SLIP	100	210
E007125SLIP	125	125
E007150SLIP	150	150
E007200SLIP	200	300



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

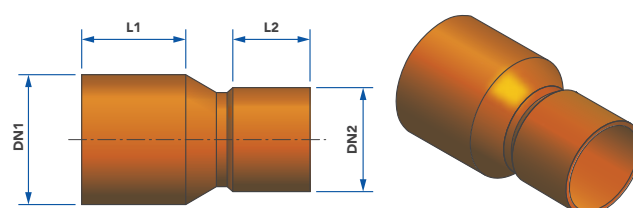
PVC light duty reducing coupling

Product code	Typical dimensions			
	Nominal size DN1	Nominal size DN2	DIM (mm) L1	DIM (mm) L2
42410080	100	180	99	73
424125100	125	100	125	100



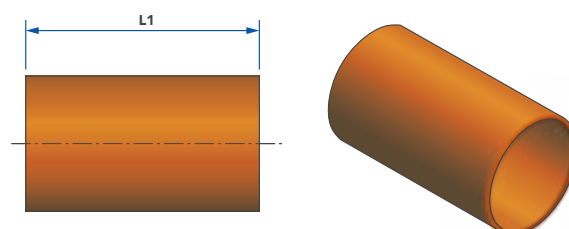
PVC heavy duty reducing coupling

Product code	Typical dimensions			
	Nominal size DN1	Nominal size DN2	DIM (mm) L1	DIM (mm) L2
6246350	63	50	50	40
6248050	80	50	70	40
62410080	100	80	99	73
624125100	125	100	115	99
624150100	150	100	124	99
624150125	150	125	124	115
624200150	200	150	170	124



Poly heavy duty electrical slip coupling

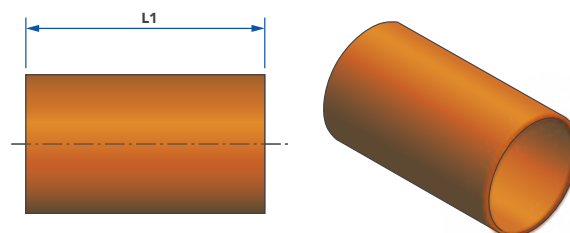
Product code	Typical dimensions	
	Nominal size DN1	DIM (mm) L1
611S125PE	125	300



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

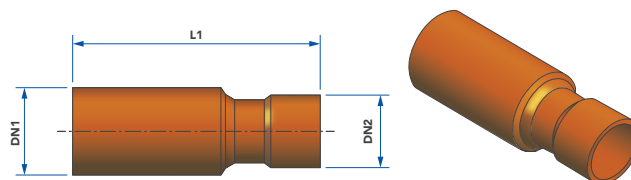
Poly coupling

Product code	Typical dimensions	
	Nominal size DN1	DIM (mm) L1
61032PE	32	140
61063PE	63	280
610110PE	110	270
610125PE	125	300



Poly to PVC adaptors

Product code	Typical dimensions		
	Nominal Size DN1	Length (mm) DN2	Length (mm) L1
6246350PEPVC	63	50	210
62411080PEPVC	110	80	230
624110100PEPVC	110	100	250
624125100PEPVC	125	100	300
624125125PEPVC	125	125	310
624180150PEPVC	180	150	370
624225200PEPVC	225	200	500
624125110PVCPE	125	110	300
E007125	125	140	320
624150140PVCPE	150	140	300



Note: Other sizes available upon request, subject to availability. All drawings, dimensions, mass and volume are approximate only. If critical contact Iplex Pipelines.

