

PVC ELECTRICAL CONDUITS

APPLICATIONS

PVC conduits are manufactured to AS/NZS 2053 and provide a cost-effective solution for protecting electrical cables.

The PVC conduits and fittings are suitable for above ground, below ground and concrete encased installations; and are available in a range of pipe classes suitable for commercial, industrial and residential applications:

- Heavy Duty Electrical Orange pipe
- Medium Duty Electrical Grey pipe
- Light Duty Conduits Orange pipe

For electrical applications, heavy duty pipe is used below ground and medium duty above ground.

Light duty orange conduits are application specific and used only as specified; and for general conduit applications other than electrical or communications.

FEATURES

- Light weight and easy to handle
- High impact resistance
- Corrosion resistant, non-conductive materials



TECHNICAL DATA

Standard:	AS/NZS 2053.2 (Rigid PVC Conduits)	
Size Range:	DN 16 - 200	
Material:	PVC-U (UTS 52 MPa)	
Conduit Range:	Heavy Duty	Electrical below ground
	Medium Duty	Electrical above ground
	Light Duty	Special use as specified
Temp Range:	0 to 60 deg C	
Pipe joints:	Spigot-Socket - Solvent weld joint	
Fittings Range:	Couplings, bends, bellmouths, adaptors, caps, draw ropes, pits and accessories	

PE ELECTRICAL CONDUITS

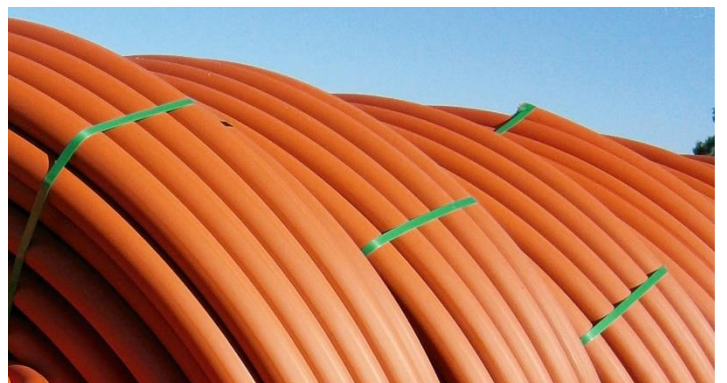
APPLICATIONS

PE conduit coils are manufactured to AS/NZS 4130 and are ideal for trenchless and direct burial applications.

The standard range of coils DN50-140 is available in Sdr 13.6 PE100 material. Other sizes & Sdr ratings are made to order for infrastructure projects and may be supplied in straight pipe lengths.

FEATURES

- Light weight and easy to handle
- High impact resistance
- Corrosion resistant, non-conductive materials



TECHNICAL DATA

Standard:	AS/NZS 4130 (PE Pipe)	
Size Range:	DN 63 - 140	
Material:	PE100 Sdr 13.6 Polyethylene (Orange)	
Conduit Range:	PE Pipe Coils	Trenchless applications
Pipe Joints:	Spigot - Butt weld or Electrofusion joints	

HEAVY DUTY ELECTRICAL CONDUITS (HD ORANGE)

DN	Class	Mean OD	Wall Thickness	Length	Pack Qty	Code
20	HD	20	2.3	4	1560	PVCECH02
25	HD	25	2.5	4	770	PVCECH025
32	HD	32	2.7	4	480	PVCECH03
40	HD	40	3.1	4	450	PVCECH04
50	HD	50	3.4	4	240	PVCECH05
63	HD	63	3.9	4	180	PVCECH06
80	HD	89	4.6	4	104	PVCECH08
100	HD	114	5.9	4	63	PVCECH10
125	HD	140	7.2	4	38	PVCECH12
150	HD	160	8.3	4	26	PVCECH15
200	HD	225	10.5	4	12	PVCECH20

MEDIUM DUTY ELECTRICAL CONDUITS (MD GREY)

DN	Class	Mean OD	Wall Thickness	Length	Pack Qty	Code
16	MD	16	1.6	4	1800	PVCECM01
20	MD	20	1.8	4	1050	PVCECM02
25	MD	25	1.8	4	770	PVCECM025
32	MD	32	2.1	4	480	PVCECM03
40	MD	40	2.4	4	450	PVCECM04
50	MD	50	2.8	4	240	PVCECM05

LIGHT DUTY ELECTRICAL CONDUITS (LD ORANGE)

DN	Class	Mean OD	Wall Thickness	Length	Pack Qty	Code
80	LD	89	2.4	6	104	PVCECL08
100	LD	114	3	6	63	PVCECLI0
125	LD	140	3.7	6	38	PVCECLI2
150	LD	160	4.2	6	26	PVCECLI5
200	LD	225	5.4	6	12	PVCECL20

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