

Electrical Conduit

Iplex Pipelines offer a large range of high quality, durable PVC conduit systems manufactured in New Zealand for above ground installation inside commercial and domestic buildings or structures; or in underground installation, to identify and protect contained electrical wiring or cables.

Product Summary

Our product summary provides a snapshot of the key features of our Conduit range. Ordering information can be found overleaf. For more detailed information please contact Iplex Pipelines.



Medium Duty



Solar



Heavy Duty

Suitable For	• Cable Protection • Domestic, Commercial Buildings and Structures	• PV Solar Panel Systems • Outdoor	• Underground burial • Commercial and Industrial • Cable Protection
Colours Available	● Grey ● Orange	● Grey	● Orange
Material	PVC-U	PVC-U	PVC-U
Nominal Diameter	20 - 50mm	20 - 32mm	20 - 50mm
Length	4m	4m	4m
Classification	Medium Duty	Heavy Duty	Heavy Duty
Temperature Range	-15°C to +60°C	-15°C to +60°C	-15°C to +60°C
Impact Resistent	Medium	High	High
UV Resistent*	Grey - Yes Orange - No*	Yes	No*
AS/NZS Standard	2053	2053 5033	2053
Best Environmental Practice Certified	Yes	Yes	Yes
Joint Type	Spigot/Socket SCJ	Spigot/Socket SCJ	Spigot/Socket SCJ

*If used unprotected from the sun above ground UV/weathering resistance of the orange conduit will be limited - colour fading with some loss of impact strenth will occur over time.

NB: Iplex PVC electrical conduits comply to AS / NZS 2053.2:2001

Iplex PVC Solar Conduit has "Heavy Duty" wall thickness to AS / NZS 2053, with marking / Identification to AS / NZS 5033:2012- "Installation and Safety requirements for photo-voltaic (PV) arrays".

Product Range

Medium Duty Conduit

	Nominal Diameter (mm)	Order Code	*Classification	Colour	# Joint Type	Outside Diameter (mm)	Wall Thickness (mm)	Pack Qty
	20mm	2800.20.4 SOE	Medium Duty	● Grey	Spigot/Socket SCJ	19.7 – 20.0	1.8 - 2.1	500/10
	25mm	2800.25.4 SOE	Medium Duty	● Grey	Spigot/Socket SCJ	24.7 – 25.0	1.8 - 2.1	320/10
	32mm	2800.32.4 SOE	Medium Duty	● Grey	Spigot/Socket SCJ	31.7 – 32.0	2.1 - 2.4	240/10
	40mm	2800.40.4 SOE	Medium Duty	● Grey	Spigot/Socket SCJ	39.7 – 40.0	2.4 - 2.7	180/10
	50mm	2800.50.4 SOE	Medium Duty	● Grey	Spigot/Socket SCJ	49.7 – 50.0	2.8 - 3.1	150/5
	20mm	2850.20.4 SOE	Medium Duty	● Orange	Spigot/Socket SCJ	19.7 – 20.0	1.8 - 2.1	500/10
	25mm	2850.25.4 SOE	Medium Duty	● Orange	Spigot/Socket SCJ	24.7 – 25.0	1.8 - 2.1	320/10
	32mm	2850.32.4 SOE	Medium Duty	● Orange	Spigot/Socket SCJ	31.7 – 32.0	2.1 - 2.4	240/10
	40mm	2850.40.4 SOE	Medium Duty	● Orange	Spigot/Socket SCJ	39.7 – 40.0	2.4 - 2.7	180/10
	50mm	2850.50.4 SOE	Medium Duty	● Orange	Spigot/Socket SCJ	49.7 – 50.0	2.8 - 3.1	150/5

*Classification: as depicted in Table 101, AS/NZS 2053.2:2001 #SCJ = Solvent Cement Joint

Solar Conduit

	Nominal Diameter (mm)	Order Code	Classification	Colour	Joint Type	Outside Diameter (mm)	Wall Thickness (mm)	Pack Qty
	20mm	2800.20HD.4 SOE SOLAR	Heavy Duty	● Grey	Spigot/Socket SCJ	19.7 – 20.0	2.3 - 2.6	500/10
	25mm	2800.25HD.4 SOE SOLAR	Heavy Duty	● Grey	Spigot/Socket SCJ	24.7 – 25.0	2.5 - 2.8	320/10
	32mm	2800.32HD.4 SOE SOLAR	Heavy Duty	● Grey	Spigot/Socket SCJ	31.7 – 32.0	2.7 - 3.0	240/10

Heavy Duty Conduit

	Nominal Diameter (mm)	Order Code	Classification	Colour	Joint Type	Outside Diameter (mm)	Wall Thickness (mm)	Pack Qty
	20mm	2850.20HD.4 SOE	Heavy Duty	● Orange	Spigot/Socket SCJ	19.7 – 20.0	2.3 - 2.6	500/10
	25mm	2850.25HD.4 SOE	Heavy Duty	● Orange	Spigot/Socket SCJ	24.7 – 25.0	2.5 - 2.8	320/10
	32mm	2850.32HD.4 SOE	Heavy Duty	● Orange	Spigot/Socket SCJ	31.7 – 32.0	2.7 - 3.0	240/10
	40mm	2850.40HD.4 SOE	Heavy Duty	● Orange	Spigot/Socket SCJ	39.7 – 40.0	3.1 - 3.4	180/10
	50mm	2850.50HD.4 SOE	Heavy Duty	● Orange	Spigot/Socket SCJ	49.7 – 50.0	3.4 - 3.9	150/5