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# Producer Statement

**Product:** Iplex Volta PVC-U Conduit and Cableduct

**General Description:** PVC-U Electrical Conduit and Cableduct for above/below ground applications  
Conduit: Nominal Diameters 20 – 50 mm  
Cableduct: Nominal Diameters 80 – 150 mm

**Manufacturing Standard:** Manufactured in accordance with AS/NZS 61386.21  
Conduit Systems for cable management Part 21: Particular requirements – Rigid conduit systems.

**Material:** PVC- U.

**Joint Mechanism:** Solvent cement joints with preformed sockets and spigot

	Colour	Nominal Diameter	Mean OD	Minimum ID	Effective Length	Duty Classification	Stiffness rating
Product Code		mm	mm	mm	m	per Standard	>100 mm
IPLEXVOLTA.20HD.GY.4	GREY	20	19.9	16.2	4	HD4431	N/A
IPLEXVOLTA.25HD.GY.4	GREY	25	24.9	20.5	4	HD4431	N/A
IPLEXVOLTA.32HD.GY.4	GREY	32	31.9	27.0	4	HD4431	N/A
IPLEXVOLTA.40HD.GY.4	GREY	40	39.9	34.3	4	HD4431	N/A
IPLEXVOLTA.50HD.GY.4	GREY	50	49.9	43.5	4	HD4431	N/A
IPLEXVOLTA.20HD.OR.4	ORANGE	20	19.9	16.2	4	HD4431	N/A
IPLEXVOLTA.25HD.OR.4	ORANGE	25	24.9	20.5	4	HD4431	N/A
IPLEXVOLTA.32HD.OR.4	ORANGE	32	31.9	27.0	4	HD4431	N/A
IPLEXVOLTA.40HD.OR.4	ORANGE	40	39.9	34.3	4	HD4431	N/A
IPLEXVOLTA.50HD.OR.4	ORANGE	50	49.9	43.5	4	HD4431	N/A
IPLEXVOLTA.80MD.OR.6	ORANGE	80 (NZ)	82.5	77.1	6	MD3331	N/A
IPLEXVOLTA.80HD.OR.6	ORANGE	80 (NZ)	82.5	75.3	6	HD4431	N/A
IPLEXVOLTA.100MD.OR.6	ORANGE	100 (NZ)	110.2	103.2	6	MD3331	SN4
IPLEXVOLTA.100HD.OR.6	ORANGE	100 (NZ)	110.2	102.0	6	HD4431	SN10
IPLEXVOLTA.100VHD.OR.6	ORANGE	100 (NZ)	110.2	96.0	6	VHD5531	SN25
IPLEXVOLTA.150MD.OR.6	ORANGE	150	160.3	150.4	6	MD3331	SN4
IPLEXVOLTA.150HD.OR.6	ORANGE	150	160.3	148.8	6	HD4431	SN10
IPLEXVOLTA.150VHD.OR.6	ORANGE	150	160.3	141.4	6	VHD5531	SN25

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**Product Dimensions:** Dimensions as specified in AS/NZS 61386.21 & indicated on table.




**Pipe Colour:** As indicated

**Application:** **GREY** Above ground  
**ORANGE** Below ground

**Operating temperature range:** -15°C to +60°C

**Marking:** Pipes are printed with the following identification text.

**GREY** Nominal Diameters 20 – 50 mm

 **IPLEX VOLTA PVC-U ELECTRICAL CONDUIT <Nominal Diameter> mm HD4431 -15/60 T SOLAR yymmdd hh PN**  
**IPLEXVOLTA.<Nominal Diameter>.HD.GY.4 AS/NZS 61386.21: 2015 LIC 2901  NEW ZEALAND MADE FULLY RECYCLABLE PVC **

**ORANGE** Nominal Diameters 20 – 50 mm

 **IPLEX VOLTA PVC-U ELECTRICAL CONDUIT <Nominal Diameter> mm HD4431 -15/60 yymmdd hh PN IPLEXVOLTA.<Nominal Diameter>.HD.OR.4 AS/NZS 61386.21: 2015 LIC 2901  NEW ZEALAND MADE FULLY RECYCLABLE PVC **

**ORANGE** Nominal Diameters 80 mm

 **IPLEX VOLTA PVC-U ELECTRICAL CABLEDUCT <Nominal Diameter>(NZ)mm <Duty Classification> -15/60 yymmdd hh PN**  
**IPLEXVOLTA.<Nominal Diameter><Duty Classification>\*.OR.6 AS/NZS 61386.21: 2015 LIC 2901  NEW ZEALAND MADE FULLY RECYCLABLE PVC **

**ORANGE** Nominal Diameters 100 mm

 **IPLEX VOLTA PVC-U ELECTRICAL CABLEDUCT <Nominal Diameter>(NZ)mm <SN rating> <Duty Classification> -15/60 yymmdd hh PN**  
**IPLEXVOLTA.<Nominal Diameter><Duty Classification>\*.OR.6 AS/NZS 61386.21: 2015 LIC 2901  NEW ZEALAND MADE FULLY RECYCLABLE PVC **

**ORANGE** Nominal Diameter 150 mm

 **IPLEX VOLTA PVC-U ELECTRICAL CABLEDUCT <Nominal Diameter>mm <SN rating> <Duty Classification> -15/60 yymmdd hh PN**  
**IPLEXVOLTA.<Nominal Diameter><Duty Classification>\*.OR.6 AS/NZS 61386.21: 2015 LIC 2901  NEW ZEALAND MADE FULLY RECYCLABLE PVC **

**\*First part of Duty Classification only – For e.g. MD, HD or VHD**

**Quality Systems:**

The Iplex Volta product range has 3<sup>rd</sup> Party S-Mark Certification from Bureau Veritas, Licence 2901  
Iplex Pipelines (NZ) Ltd holds ISO 9001 accreditation, Licence No. QEC4169