

PRODUCT CATALOGUE



The background image shows a vast industrial storage yard. In the foreground, large stacks of orange-colored pipes are visible. In the middle ground, there are numerous stacks of blue pipes. A lone worker in a high-visibility yellow shirt and white hard hat stands near the blue pipes on the right side. The sky is filled with large, white clouds, and the sun is low on the horizon, creating a warm, golden light across the scene.

The Iplex® vision is to be the
leading manufacturer and
supplier of plastic building
materials in New Zealand.



CONTENTS

SECTION 1 - POLYVINYL CHLORIDE (PVC) PRESSURE SYSTEMS		Page
Iplex Apollo® PVC-O pipe	DN100 - DN300 Series 1 Metric PVC-O Pressure Pipe	10
Iplex Apollo® Blue PVC-O pipe	DN100 - DN250 Series 2 Imperial PVC-O Pressure Pipe	10
Iplex Novakey® PVC-U pipe	DN15 - DN575 Series 1 Metric PVC-U Pressure Pipe	11
Iplex White Rhino® PVC-M pipe	DN100 - DN575 Series 1 Metric PVC-M Pressure Pipe	12
Iplex Blue Rhino® PVC-M pipe	DN100 - DN150 Series 2 Imperial PVC-M Pressure Pipe	13
Iplex Apollo® PVC-O Fittings	Iplex Apollo® Series 1 Metric PVC-O Pressure Fittings	13
Iplex Novakey® PVC-U Fittings	Iplex Novakey® Series 1 Metric PVC-U Pressure Fittings	14

SECTION 2 - POLYETHYLENE (PE) PRESSURE SYSTEMS		Page
Iplex Poliplex® PE100 pipe	DN75 - DN710 PE100 Metric Pressure Pipe	20
Iplex Poliplex® Mobile Extrusion	Iplex Mobile PE100 Plant, moved to project specific sites	22
Iplex Blueline™ PE80 pipe	DN20 - DN63 PE80 Metric Pressure Pipe (CX Jacket)	23
Plasson Series 1 Compression Fittings	20mm - 63mm PE Plasson Series 1 Compression Fittings	23
Plasson Line 7 Compression Fittings	20mm - 63mm PE Plasson Line 7 Compression Fittings	25
Plasson BSP Threaded Fittings	15mm (½") BSP to 100mm (4") BSP Threaded PP Fittings	29
Plasson Accessories	Plasson Line 7 Wrench and Chamfering Tool	30
Plasson Polypropylene Valves	Quick Coupling Valve, Check and Angle Seat Valve and Stop Cock	30
Plasson Ball Valves	15mm (½") BSP to 50mm (2") BSP Ball Valves	31
Combination Air Valves	15mm (½") BSP to 25mm (1") BSP Air Valves	31
Plasson Polypropylene Valve Boxes	155mm x 200mm Water Meter Boxes with Blue or Green Lids	31

CONTENTS

SECTION 3 - ROADING & STORMWATER SYSTEMS		Page
Iplex Nexus® Hi-Way pipe	DN110, DN160 & DN200 PE Heavy Duty Slotted Subsoil Drainage Pipe	34
Iplex Nexus® Hi-Way pipe with Filter Sock	DN110 & DN160 PE Heavy Duty Slotted Subsoil Drainage Pipe with Filter Sock	34
Iplex Nexusflo™ & Novaflo® pipe with Filter Sock	DN110 & DN160 PE Slotted Subsoil Drainage Pipe with Filter Sock	34
Iplex Aquacell®	Stormwater Management System	35
Iplex Superstorm® PVC-U pipe	DN90 – DN600 PVC-U Stormwater Pipe	35
Iplex Stormfit® PVC-U Fittings	Iplex Stormfit® PVC-U Stormwater Fittings	36

SECTION 4 - PLUMBING & DWV SYSTEMS		Page
Iplex Novadrain® SCJ PVC-U pipe	DN32 - DN600 PVC-U Solvent Cement Joint Gravity DWV Pipe	40
Iplex Novadrain® RRJ PVC-U pipe	DN32 - DN600 PVC-U Rubber Ring Joint Gravity DWV Pipe	40
Iplex Restrain® PVC-U pipe	DN100 - DN300 Trenchless PVC-U Gravity Sewer	42
Iplex Novadrain® SCJ PVC-U Fittings	DN32 - DN150 PVC-U Solvent Cement Joint Gravity DWV Fittings	43
Iplex Novadrain® RRJ PVC-U Fittings	DN32 - DN150 PVC-U Rubber Ring Joint Gravity DWV Fittings	50
Iplex Uni-Trap Waste Systems Traps	"P" or "S" Polypropylene Waste Traps	52
Iplex Pipe Support Clips	DN32 - DN150 DWV Pipe Clips and Clipits for Copper or PB Pipe	53
Iplex SMART Systems	SMARTPAN, SMARTWASTE, SMARTSEAL and SMARTTILE	53

SECTION 5 - RAINWATER SYSTEMS		Page
Iplex® Downpipe PVC-U	65mm & 80mm PVC-U Downpipe	56
Iplex® Downpipe PVC-U Clips & Fittings	65mm & 80mm PVC-U Bends, Clips & Fittings	56
Iplex Polyflow™ Spouting	Spouting and Fittings	57
Iplex Square™ Spouting	Spouting and Fittings	58

CONTENTS

SECTION 6 - RURAL SYSTEMS		Page
Iplex Alkathene™ LDPE pipe	15mm - 50mm LDPE Stock Water Pressure Pipe	60
Iplex Irripod LDPE pipe	45mm LDPE Pasture Irrigation Pressure Pipe	60
Iplex Effluent PVC-U pipe	80mm & 100mm Farm Dairy Effluent PVC-U Pressure Pipe	61
Iplex Effluent PE100 pipe	63mm - 110mm Farm Dairy Effluent PE Pressure Pipe	61
Iplex Novatube™ LDPE pipe	13mm - 25mm LDPE Horticultural Lateral Tube	61
Iplex Greenline™ PE100 pipe	20mm - 63mm PE Stock Water Pressure Pipe	62
Iplex Farmline PE100 pipe	40mm - 63mm PE Stock Water Pressure Pipe	62
Iplex Redline™ PE100 pipe	20mm - 63mm PE Stock Water Pressure Pipe	62
Iplex Rural Black™ PE100 pipe	32mm - 110mm PE Riser and Stock Water Pressure Pipe	63
Iplex Blackline™ PE100 pipe	25mm - 110mm PE Stock Water Pressure Pipe	63
Iplex Blackline™ HP PE100 pipe	63mm - 110mm PE Stock Water Pressure Pipe	64
Iplex Blackline™ Ductile Iron Pressure Fittings	63mm - 110mm Ductile Iron Pressure Fittings	64
Iplex Nexusflo™ & Nexuscoil™ HDPE pipe	110mm - 200mm Twin Wall, Smooth Bore Slotted HDPE Land Drainage Pipe	65
Iplex Novaflo® HDPE pipe	65mm - 160mm Single Wall, Corrugated Bore Slotted HDPE Land Drainage Pipe	65
Iplex Novacoil® HDPE duct	65mm - 160mm Single Wall, Corrugated Bore Unslotted HDPE Duct Pipe	66
Iplex Nexusflo™ & Novaflo® Fittings	65mm - 160mm Couplers & Fittings	66
Iplex Flexible Push-on Caps	32mm - 180mm Flexible Removable Push-on Caps	66
Iplex Nexus® Culvert PE pipe	110mm - 500mm Twin Wall, Smooth Bore HDPE Culvert Pipe	67
Iplex Farmtuff® Culvert PVC-U pipe	110mm - 500mm PVC-U Culvert Pipe	67

CONTENTS

SECTION 7 - ENERGY & COMMUNICATIONS SYSTEMS		Page
Iplex Volta® PVC-U Rigid Electrical Conduit	20mm - 50mm (Nominal OD) Above & Below Ground Rigid Electrical Conduit	70
Iplex Volta® PVC-U Rigid Electrical Duct	80mm - 200mm (Nominal ID) Below Ground Rigid Electrical Duct	70
Iplex 2700 Series PVC-U Rigid Electrical Duct	32mm - 65mm (Nominal ID) Below Ground Rigid Electrical Duct	71
Iplex PVC-U Electrical Bends	50mm - 100mm (Nominal ID) PVC Bends & Fittings Electrical Duct	71
Iplex PE Flexible Electrical Duct	DN32 - DN160 (Nominal OD) Below Ground Flexible Electrical Duct	72
Iplex PVC-U Rigid Communications Duct	Chorus & Non-Chorus Branded, Coiled PVC-U Communications Duct	73
Iplex PE Flexible Communications Duct	Chorus & Non-Chorus Branded, Coiled PE Communications Duct	74
Iplex PVC-U and PE Bends & Fittings	PVC-U & PE Bends & Fittings for Communications Duct	77
Iplex Poligas® Metric PE gas pipe	DN25 - DN110 (Nominal OD) Series 1 Metric Dimension, Poligas® gas pipe	79
Iplex Poligas® Imperial PE gas pipe	10mm - 150mm (Nominal ID) Series 3 Imperial Dimension, Poligas® Gas Pipe	79

SECTION 8 - JOINTING ACCESSORIES		Page
Iplex Novakey® PVC Solvent Cement	125ml - 4L Pressure & Non-pressure PVC Solvent Cement	83
Iplex Novalube™ Jointing Lubricant	500ml - 4L Pipe Jointing Lubricant (Non-Potable Water)	83
Medlube™ Jointing Lubricant	275g - 4kg Pipe Jointing Lubricant (Potable Water)	84
Iplex Novakey® PVC Cleaner Primer	250ml - 500ml PVC Cleaner Primer	84

ABOUT IPLEX®		Page
Iplex® Quality Management Systems	Quality Assurance	85
Iplex® Pipelines New Zealand	The company	86
New Zealand Building Code - Durability	Durability and unsuitable product applications	88
Definition of Terms Used	Definitions and pressure conversion table	90

NOTES

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PVC PRESSURE SYSTEMS

SECTION 1

PVC PRESSURE SYSTEMS

IPLEX APOLLO® PVC-O PRESSURE PIPE METRIC SERIES 1 - AS/NZS 4441

APOLLO PN6.3* (630kPa, 91 PSI)	Order Code	Size (mm) x Length (m)	Pack Qty
 rubber ring joint	Z880.100PN6.3.6	100 x 6	50
	Z880.150PN6.3.6	150 x 6	28
	Z880.200PN6.3.6	200 x 6	15
	Z880.300PN6.3.6	300 x 6	6

Note: PN6.3 is not included in AS / NZS 4441 Appendix ZZ, but has the mechanical performance capability of AS / NZS 4441

APOLLO PN12.5 (1250kPa, 181 PSI)	Order Code	Size (mm) x Length (m)	Pack Qty
 rubber ring joint	Z880.100PN12.5.6	100 x 6	50
	Z880.150PN12.5.6	150 x 6	28
	Z880.200PN12.5.6	200 x 6	15
	Z880.300PN12.5.6	300 x 6	6

APOLLO PN10 (1000kPa, 145 PSI)	Order Code	Size (mm) x Length (m)	Pack Qty
 rubber ring joint	Z880.100PN10.6	100 x 6	50
	Z880.150PN10.6	150 x 6	28
	Z880.200PN10.6	200 x 6	15
	Z880.300PN10.6	300 x 6	6

Factory Fitted Seal Ring included with each pipe

IPLEX APOLLO® BLUE PVC-O PRESSURE PIPE IMPERIAL SERIES 2 - AS/NZS 4441

APOLLO BLUE PN12.5 (1250kPa, 181 PSI)	Order Code	Size (mm) x Length (m)	Pack Qty
 rubber ring joint	1880.100PN12.5.6	100 x 6	32
	1880.150PN12.5.6	150 x 6	24
	1880.200PN12.5.6	200 x 6	15
	1880.250PN12.5.6	250 x 6	12

APOLLO BLUE PN16 (1600kPa, 232 PSI)	Order Code	Size (mm) x Length (m)	Pack Qty
 rubber ring joint	1880.100PN16.6	100 x 6	32
	1880.150PN16.6	150 x 6	24
	1880.200PN16.6	200 x 6	15
	1880.250PN16.6	250 x 6	12

Factory Fitted Seal Ring included with each pipe

SECTION 1

PVC PRESSURE SYSTEMS

IPLEX NOVAKEY®

PVC-U PRESSURE PIPE METRIC SERIES 1 - AS/NZS 1477

NOVAKEY PN6 (CLASS B, 600kPA, 87PSI)	Order Code	Size (mm) x Length (m)	Pack / Bundle Qty	SOE	RRJ
 solvent cement joint	800.40PN6.6	40 x 6	225/5*	yes	
	800.50PN6.6	50 x 6	123	yes	yes
	800.65PN6.6	65 x 6	56	yes	yes
	800.80PN6.6	80 x 6	60	yes	yes
	800.100PN6.6**	100 x 6	40	yes	yes
 rubber ring joint	800.125PN6.6	125 x 6	32		yes
	800.150PN6.6**	150 x 6	28		yes
	800.175PN6.6	175 x 6	20		yes
	800.200PN6.6**	200 x 6	15		yes
	800.225PN6.6	225 x 6	12		yes
	800.250PN6.6	250 x 6	12		yes
	800.300PN6.6**	300 x 6	6		yes
	800.375PN6.6	375 x 6	6		yes
	800.450PN6.6	450 x 6	2		yes
	800.575PN6.6	575 x 6	2		yes

NOVAKEY PN9 (CLASS C, 900kPA, 130PSI)	Order Code	Size (mm) x Length (m)	Pack / Bundle Qty	SOE	RRJ
 solvent cement joint	800.50PN9.6	50 x 6	123	yes	yes
	800.65PN9.6	65 x 6	56	yes	yes
	800.80PN9.6	80 x 6	60	yes	yes
 rubber ring joint	800.100PN9.6**	100 x 6	40	yes	yes
	800.150PN9.6**	150 x 6	28		yes
	800.200PN9.6**	200 x 6	15		yes

NOVAKEY PN12 (CLASS D, 1200kPA, 174PSI)	Order Code	Size (mm) x Length (m)	Pack / Bundle Qty	SOE	RRJ
 solvent cement joint	800.32PN12.6	32 x 6	210/10*	yes	
	800.40PN12.6	40 x 6	225/5*	yes	
	800.50PN12.6	50 x 6	123	yes	yes
	800.65PN12.6	65 x 6	56	yes	yes
 rubber ring joint	800.80PN12.6	80 x 6	60	yes	yes
	800.100PN12.6**	100 x 6	40		yes
	800.150PN12.6**	150 x 6	28		yes
	800.200PN12.6**	200 x 6	15		yes

NOVAKEY PN15 (CLASS E, 1500kPA, 217PSI)	Order Code	Size (mm) x Length (m)	Pack / Bundle Qty	SOE	RRJ
 solvent cement joint	800.15PN15.6	15 x 6	650/10*	yes	
	800.20PN15.6	20 x 6	500/10*	yes	
	800.25PN15.6	25 x 6	320/10*	yes	
	800.32PN15.6	32 x 6	210/10*	yes	
	800.40PN15.6	40 x 6	225/5*	yes	
 rubber ring joint	800.50PN15.6	50 x 6	123	yes	yes
	800.65PN15.6	65 x 6	56	yes	yes
	800.80PN15.6	80 x 6	60	yes	yes
	800.100PN15.6	100 x 6	40	yes	yes
	800.150PN15.6	150 x 6	28		yes
	800.200PN15.6	200 x 6	15		yes

Seal Rings included in pipe price
 *These bundle sizes are the minimum order quantity
 ** Availability may be subject to conversion to PVC-O

SECTION 1

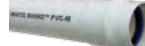
PVC PRESSURE SYSTEMS

IPLEX WHITE RHINO® PVC-M PRESSURE PIPE METRIC SERIES 1 - AS/NZ 4765

WHITE RHINO PN6 (600kPa, 87PSI)	Order Code	Size (mm) x Length (m)	Pack / Bundle Qty	SOE	RRJ
 solvent cement joint  rubber ring joint	850.100PN6**	100 x 6	40	yes	yes
	850.125PN6.6	125 x 6	32		yes
	850.150PN6**	150 x 6	28		yes
	850.175PN6.6	175 x 6	20		yes
	850.200PN6**	200 x 6	15		yes
	850.225PN6.6	225 x 6	12		yes

WHITE RHINO PN9 (900kPa, 130PSI)	Order Code	Size (mm) x Length (m)	Pack / Bundle Qty	SOE	RRJ
 solvent cement joint  rubber ring joint	850.100PN9**	100 x 6	40	yes	yes
	850.125PN9.6	125 x 6	32		yes
	850.150PN9**	150 x 6	28		yes
	850.175PN9.6	175 x 6	20		yes
	850.200PN9**	200 x 6	15		yes
	850.225PN9.6	225 x 6	12		yes
	850.250PN9.6	250 x 6	12		yes
	850.300PN9**	300 x 6	6		yes
	850.375PN9.6	375 x 6	6		yes
	850.450PN9.6	450 x 6	2		yes
	850.575PN9.6#	575 x 6	2		yes

WHITE RHINO PN12 (1200kPa, 174PSI)	Order Code	Size (mm) x Length (m)	Pack / Bundle Qty	SOE	RRJ
 solvent cement joint  rubber ring joint	850.100PN12**	100 x 6	40	yes	yes
	850.125PN12.6	125 x 6	32		yes
	850.150PN12**	150 x 6	28	yes	yes
	850.175PN12.6	175 x 6	20		yes
	850.200PN12**	200 x 6	15	yes	yes
	850.225PN12.6	225 x 6	12		yes
	850.250PN12.6	250 x 6	12		yes
	850.300PN12**	300 x 6	6		yes
	850.375PN12.6	375 x 6	6		yes
	850.450PN12.6	450 x 6	2		yes
	850.575PN12.6 #	575 x 6	2		yes

WHITE RHINO PN15 (1500kPa, 217PSI)	Order Code	Size (mm) x Length (m)	Pack / Bundle Qty	SOE	RRJ
 solvent cement joint  rubber ring joint	850.100PN15**	100 x 6	40	yes	yes
	850.125PN15.6	125 x 6	32		yes
	850.150PN15**	150 x 6	28		yes
	850.175PN15.6	175 x 6	20		yes
	850.200PN15**	200 x 6	15		yes

Seal Rings included in pipe price

** Availability may be subject to conversion to PVC-O

not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

Z Joint Seal rings	Order Code	Size (mm)	Pack Qty
 Z joint seal ring for metric series 1 Novakey or White Rhino pipe	Seal Rings included in pipe price		
	860.50	50	1
	860.65	65	1
	860.80	80	1
	860.125	125	1
	860.150	150	1
	860.175	175	1
	860.200	200	1
	860.225	225	1
	860.300	300	1
	860.375	375	1
	860.450	450	1

SECTION 1

PVC PRESSURE SYSTEMS

IPLEX BLUE RHINO® PVC-M PRESSURE PIPE IMPERIAL SERIES 2 - AS/NZ 4765

BLUE RHINO PN12 (CLASS D, 1200kPA, 174PSI)	Order Code	Size (mm) x Length (m)	Pack Qty
	1850.100PN12.6 RRJ**	100 x 6	32
	1850.150PN12.6 RRJ**	150 x 6	18
rubber ring joint			

Factory Fitted Seal Rings included in pipe price
** Availability may be subject to conversion to PVC-O

BLUE RHINO PN12 (CLASS D, 1200kPA, 174PSI)	Order Code	Size (mm) x Length (m)	Pack Qty
	1850.100PN16.6 RRJ**	100 x 6	32
	1850.150PN16.6 RRJ**	150 x 6	18
rubber ring joint			

Factory Fitted Seal Rings included in pipe price
** Availability may be subject to conversion to PVC-O

IPLEX APOLLO® PVC-O PRESSURE FITTINGS RRJ (PN 16 - 1600 KPA) - CEN / TS 17176-3

(COMPATIBLE WITH IPLEX PVC-O, PVC-U & PVC-M PRESSURE PIPE METRIC SERIES 1)

	Order Code	Size (mm)	Ctn/ Bag Qty
	8801.150.22	150	1
	8801.175.22	175	1
	8801.225.22	225	1
	8801.300.22	300	1
	8801.375.22	375	1
plain 22° elbow F&F			
	8801.150.45	150	1
	8801.175.45	175	1
	8801.225.45	225	1
	8801.300.45	300	1
	8801.375.45	375	1
plain 45° elbow F&F			
	8810.150	150	1
	8810.175	175	1
	8810.225	225	1
	8810.300	300	1
	8810.375	375	1
plain coupler F&F			

	Order Code	Size (mm)	Ctn/ Bag Qty
	8811.150	150	1
	8811.175	175	1
	8811.225	225	1
	8811.300	300	1
	8811.375	375	1
slip/repair coupler F&F			
	8823.175.150	175x150	1
	8823.225.175	225x175	1
	8823.300.225	300x225	1
	8823.375.225	375x225	1
	8823.375.300	375x300	1
reducing socket F&F			

SECTION 1

PVC PRESSURE SYSTEMS

IPLEX NOVAKEY® PVC-U PRESSURE FITTINGS - SCJ METRIC SERIES 1 - AS / NZS 1477

(COMPATIBLE WITH IPLEX PVC-O, PVC-U & PVC-M PRESSURE PIPE METRIC SERIES 1)

	Order Code	Size (mm)	Ctn / Bag Qty	Pressure Rating (Bar)
 plain 90° elbow F&F	801.15.90	15	440/10	18
	801.20.90	20	250/10	18
	801.25.90	25	120/10	18
	801.32.90	32	80/10	18
	801.40.90	40	50/10	18
	801.50.90	50	25/5	18
	801.65.90	65	15	15
	801.80.90	80	9	15
	801.100.90	100	5	15
	801.125.90*	125	5	15
 plain 45° elbow F&F	801.15.45	15	400/10	18
	801.20.45	20	260/10	18
	801.25.45	25	150	18
	801.32.45	32	80/10	18
	801.40.45	40	50/10	18
	801.50.45	50	25/5	18
	801.65.45*	65	12	16
	801.80.45	80	12	15
	801.100.45	100	6	15
	801.125.45*	125	6	15
 plain 90° tee F&F&F	804.15	15	300/10	18
	804.20	20	150/10	18
	804.25	25	100/5	18
	804.32	32	60/10	18
	804.40	40	30/10	18
	804.50	50	20/5	18
	804.65	65	12	15
	804.80	80	6	15
	804.100	100	4	15
	804.125*	125	6	15
	804.150	150	1	12
	804.200*	200	1	10

	Order Code	Size (mm)	Ctn / Bag Qty	Pressure Rating (Bar)
 plain 90° reducing tee F&F&F	805.20.15	20 x 15	150/10	18
	805.25.20	25 x 20	90/10	18
	805.32.25	32 x 25	60/10	18
	805.40.32	40 x 32	80/20	18
	805.50.40	50 x 40	25/5	18
	805.80.50	80 x 50	9	15
 faucet coupling F&F##	805.100.50	100 x 50	4	15
	806.15	15	500/10	18
	806.20	20	320/10	18
	806.25	25	180/10	18
	806.32	32	120/10	18
	806.40	40	80/10	18
	806.50	50	50/5	18
	806.65	65	15	10
	806.80	80	44	15
	806.100	100	12	15
 faucet 90° tee F&F&F##	807.15	15	280/10	18
	807.20	20	200/10	18
	807.25	25	80/10	18
 faucet elbow F&F##	808.15.90	15	380/10	18
	808.20.90	20	200/10	18
	808.25.90	25	120/10	18
	808.32.90	32	70/10	18

*Grey fitting with parallel sockets.

Note: The Bag Quantity shown is the minimum order quantity for 15mm to 50mm pressure fittings

Moulded PVC-U Sealing threads comply with relevant parts of AS/ISO 7.1 and AS/ISO 7.2

Note: In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex pressure fittings in this range may be subject to change without notice.

SECTION 1

PVC PRESSURE SYSTEMS

IPLEX NOVAKEY® PVC-U PRESSURE FITTINGS - SCJ METRIC SERIES 1 - AS / NZS 1477

(COMPATIBLE WITH IPLEX PVC-O, PVC-U & PVC-M PRESSURE PIPE METRIC SERIES 1)

	Order Code	Size (mm)	Ctn / Bag Qty	Pressure Rating (Bar)
 compression coupling F&F	809.15*	15	10	12
	809.20*	20	120	12
	809.25*	25	10	12
	809.32*	32	50	12
	809.40*	40	10	12
	809.50*	50	20	12
* Rubber Ring compression style joint. These fittings can be purchased individually				
 plain coupler F&F	810.15	15	420/10	18
	810.20	20	400/10	18
	810.25	25	230/10	18
	810.32	32	140/10	18
	810.40	40	80/10	18
	810.50	50	50/5	18
	810.65	65	28	15
	810.80	80	18	15
 socket union F&F	810.100	100	10	15
	810.150	150	2	12
	811.15	15	160/10	18
	811.20	20	140/20	18
	811.25	25	80/10	18
	811.32	32	60/10	18
	811.40	40	45/5	18
	811.50	50	30/5	18
These fittings can be purchased individually.				

	Order Code	Size (mm)	Ctn / Bag Qty	Pressure Rating (Bar)
 valve socket M&F##	813.15	15	550/10	18
	813.20	20	320/10	18
	813.25	25	200/10	18
	813.32	32	130/10	18
	813.40	40	100/10	18
	813.50	50	50/5	18
	813.65	65	40	12
	813.80	80	30	15
 valve spigot M&M##	813.100	100	16	15
	817.15	15	650/10	18
	817.20	20	350/10	18
	817.25	25	240/10	18
	817.32	32	140/10	18
	817.40	40	110/10	18
	817.50	50	60/5	18
 threaded bush M&F##	818.20.15	20x15	800/10	18
	818.25.20	25x20	400/10	18
 reducing socket F&F	823.20.15	20x15	380/10	18
	823.25.20	25x20	260/10	18
	823.32.25	32x25	120/10	18
	823.40.32	40x32	70/10	18
	823.50.40	50x40	60/5	18
	823.65.50	65x50	48	15
	823.80.50	80x50	30	15
	823.80.65	80x65	18	15
	823.100.80	100x80	16	15
	823.125.100	125x100	6	15
	823.150.100	150x100	4	12

Moulded PVC-U Sealing threads comply with relevant parts of AS/ISO 7.1 and AS/ISO 7.2

Note: In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex pressure fittings in this range may be subject to change without notice.

SECTION 1

PVC PRESSURE SYSTEMS

IPLEX NOVAKEY®

PVC-U PRESSURE FITTINGS - SCJ METRIC SERIES 1 - AS / NZS 1477

(COMPATIBLE WITH IPLEX PVC-O, PVC-U & PVC-M PRESSURE PIPE METRIC SERIES 1)

	Order Code	Size (mm)	Ctn / Bag Qty	Pressure Rating (Bar)
	824.20.15	20x15	850/10	18
	824.25.15	25x15	750/10	18
	824.25.20	25x20	600/10	18
	824.32.25	32x25	370/10	18
	824.40.25	40x25	280/10	18
	824.40.32	40x32	280/10	18
	824.50.25	50x25	120/5	18
	824.50.40	50x40	120/5	18
	824.65.50	65x50	90	15
	824.80.50	80x50	55	15
	824.80.65*	80x65	36	15
	824.100.50	100x50	30	15
	824.100.80	100x80	30	15
	824.125.100*	125x100	20	12
	824.150.100	150x125	9	12
	824.150.125*	150x125	9	12
	825.50	50	30	18
	825.65	65	20	15
	825.80	80	12	15
	825.100	100	9	15
	825.150	150	4	12

NB: Holes must be drilled to suit the application. Same method can be used with some non-British standard flanges.

	826.50*	50	48	18
	826.65	65	42	15
	826.80	80	25	15
	826.100	100	14	15
	826.125*	125	8	16
	826.150	150	4	12
	826.200*	200	6	10
	826.300*	300	3	10

	827.50	50	100/1	
	827.65	65	100/10	
	827.80	80	100/10	
	827.100	100	100/10	
	827.125	125	10/1	
	827.150	150	100/10	
	827.200	200	50/1	
	827.300	300	10/1	
	830.15	15	600/10	18
	830.20	20	500/10	18
	830.25	25	300/10	18
	830.32	32	220/10	18
	830.40	40	160/10	18
	830.50	50	80/5	18
	830.65	65	48	15
	830.80	80	36	15
	830.100	100	20	15
	830.125	125	14	15
	830.150	150	5	12
	837.15	15	900/10	18
	837.20	20	700/10	18
	837.25	25	500/10	18
	837.32	32	120/10	18
	837.40	40	100/10	18
	837.50	50	50/5	18
	837.80	80	40	15
	837.100	100	12	15
	840.15	15		
	840.20	20		
	840.25	25		
	840.32	32		
	840.40	300		
	840.50	300		

Moulded PVC-U Sealing threads comply with relevant parts of AS/ISO 7.1 and AS/ISO 7.2

*Grey fittings with parallel sockets.

Note: In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex pressure fittings in this range may be subject to change without notice.

SECTION 1

PVC PRESSURE SYSTEMS

IPLEX NOVAKEY® PRESSURE FLANGE GASKETS

	Order Code	Size (mm)	Ctn/ Bag Qty
 neoprene gasket for full face flange 825	842.50	50	1
	842.65	65	1
	842.80	80	1
	842.100	100	1
	842.150	150	1
 neoprene gasket for stub flange 826	845.50	50	1
	845.65	65	1
	845.80	80	1
	845.100	100	1
	845.125	125	1
	845.150	150	1
	845.200	200	1
	845.300	300	1

Maximum working pressure size range:
NOVAKEY Moulded PVC-U fittings (except as stated)

15-50mm1800kPa, PN18

65-125mm1500kPa, PN15

150mm1200kPa, PN12

200mm1000kPa, PN10

This is a general guide only. If in doubt, check the pressure rating on the fitting or contact Iplex Pipelines at <https://www.iplex.co.nz/contact/>

Note: In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex pressure fittings in this range may be subject to change without notice.

NOTES



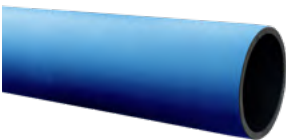
PE PRESSURE SYSTEMS

SECTION 2

PE PRESSURE SYSTEMS

IPLEX POLIPLEX® PE100 PRESSURE PIPE - AS/NZS 4130

PRESSURE WATER APPLICATIONS

	Order Code	Size (mm) #	Colour Options #	PN Class Options #	Maximum Length Options (m) #	Drum Coil Length Options (m) #
 black pipe - lengths	3500.75	75	B, CX, MS	8, 10, 12.5, 16,	200	1000
	3500.90	90	B, CX, MS	8, 10, 12.5, 16, 20, 25	100	850
	3500.110	110	B, CX, MS	8, 10, 12.5, 16,	100	600
	3500.125	125	B, CX, MS	10, 12.5, 16, 20	18, 100	500
 CX blue pipe - lengths	3500.140	140	B, CX, MS	8, 10, 12.5, 16,	18, 100	340
	3500.160	160	B, CX, MS	6.3, 8, 10, 12.5, 16	18, 100	
	3500.180	180	B, CX, MS	6.3, 8, 10, 12.5, 16	18	
	3500.200	200	B, CX, MS	6.3, 8, 10, 12.5, 16, 25	18	
 black pipe - coils	3500.225	225	B, CX, MS	6.3, 8, 10, 12.5, 16,	18	
	3500.250	250	B, CX, MS	6.3, 8, 10, 12.5, 16, 20,	18	
	3500.280	280	B, CX, MS	6.3, 8, 10, 12.5, 16,	18	
	3500.315	315	B, CX, MS	6.3, 8, 10, 12.5, 16, 20,	18	
 CX blue pipe - coils	3500.355	355	B, CX, MS	6.3, 8, 10, 12.5, 16, 20	18	
	3500.400	400	B, CX, MS	6.3, 8, 10, 12.5, 16,	18	
	3500.450	450	B, CX, MS	6.3, 8, 10, 12.5, 16,	18	
	3500.500	500	B, CX, MS	6.3, 8, 10, 12.5, 16, 20,	17, 18	
 MS blue stripe pipe - coils	3500.560	560	B, CX, MS	6.3, 8, 10, 12.5, 16	16, 18	
	3500.630	630	B, CX, MS	6.3, 8, 10, 12.5, 16	14, 16, 18	
	3500.710	710	B, CX, MS	6.3, 8, 10, 12.5, 16	15	

Availability

- 3500 Series products are not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

Lengths

- Maximum lengths available are subject to PN Class and weight limits
- All pipe lengths are subject to PN class, maximum weight limits, and maximum length limits to transport manufacturing lead times and tooling availability

Colours

- 3500 Series pipe colour options may include black, or coloured coextruded (CX) jackets, or coloured Multi-stripes (MS), including Blue, Cream, or Purple and may be subject to minimum production quantities, manufacturing lead times and tooling availability.

Drum Coils

- All Drum Coil lengths are subject to PN class, maximum weight limits and maximum length limits to transport, manufacturing lead times and tooling availability.

SECTION 2

PE PRESSURE SYSTEMS

IPLEX POLIPLEX® PE100 PRESSURE PIPE - AS/NZS 4130

PRESSURE SEWER & WASTE WATER APPLICATIONS

	Order Code	Size (mm)	Colour Options#	PN Class Options#	Maximum Length# Options (m)	Drum Coil Length # Options (m)
 CMS cream multi-striped pipe	3100.40	40	CX, MS	16	100, 700	
	3100.50	50	CX, MS	16	100, 300	
	3100.63	63	CX, MS	16	100, 200	
	3100.75	75	CX, MS	12.5, 16	200	1000
	3100.90	90	CX, MS	12.6, 16	100	850
 CX cream jacket pipe	3100.110	110	CX, MS	12.5, 16	100	600
	3100.125	125	CX, MS	12.5, 16	18, 100	500
	3100.140	140	CX, MS	12.5, 16	18, 100	340
	3100.160	160	CX, MS	12.5, 16	18, 100	300
	3100.180	180	CX, MS	12.5, 16	18	
 Black pipe - drum coil	3100.200	200	CX, MS	12.5, 16	18	
	3100.225	225	CX, MS	12.5, 16	18	
	3100.250	250	CX, MS	12.5, 16	18	
	3100.280	280	CX, MS	12.5, 16	18	
	3100.315	315	CX, MS	12.5, 16	18	
	3100.355	355	CX, MS	12.5, 16	18	
	3100.400	400	CX, MS	12.5, 16	18	
	3100.450	450	CX, MS	12.5, 16	18	
	3100.500	500	CX, MS	12.5, 16	16, 17, 18	
	3100.560	560	CX, MS	12.5, 16	16, 18	
	3100.630	630	CX, MS	12.5, 16	14, 16, 18	
	3100.710	710	CX, MS	12.5, 16	12, 15	

Availability

- 3100 Series products are not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

Lengths

- Maximum lengths available are subject to PN Class and weight limits
- All pipe lengths are subject to PN class, maximum weight limits, and maximum length limits to transport.

Colours

- 3100 Series pipe colour options may include cream coextruded (CX) jackets, or cream Multi-stripes (MS), and may be subject to minimum production quantities, manufacturing lead times and tooling availability.

Drum Coils

- All Drum Coil lengths are subject to PN class, maximum weight limits and maximum length limits to transport, manufacturing lead times and tooling availability.

SECTION 2

PE PRESSURE SYSTEMS

IPLEX MOBILE EXTRUSION PE100 PRESSURE PIPE - AS/NZS 4130

PRESSURE WATER, OR PRESSURE SEWER & WASTE WATER APPLICATIONS

	Order Code	Size (mm)	Colour Options#	PN Class Options #	Maximum Length# Options (m)
 black pipe -100m lengths manufactured on site	3500ME.75	75	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	12, 100, 200
	3500ME.90	90	B, CX, MS	4, 6.3, 8, 10, 12.6, 16	12, 100
	3500ME.110	110	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	12, 100
	3500ME.125	125	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	15, 100
	3500ME.140	140	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	15, 100
	3500ME.160	160	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	22
	3500ME.180	180	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	22
	3500ME.200	200	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	22
	3500ME.225	225	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	22
	3500ME.250	250	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	22
 Iplex NZ Mobile Extrusion Factory	3500ME.280	280	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	25
	3500ME.315	315	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	25
	3500ME.355	355	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	25
	3500ME.400	400	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	25
	3500ME.450	450	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	25
	3500ME.500	500	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	25
	3500ME.560	560	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	25
	3500ME.630	630	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	25
	3500ME.710	710	B, CX, MS	4, 6.3, 8, 10, 12.5	25

Availability

- 3500ME Series products are not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

Lengths

- Maximum lengths available are subject to PN Class and weight limits
- All pipe lengths are subject to PN class, maximum weight limits, and maximum length limits to transport.

Colours

- 3500 ME Series pipe colour options may include black, coextruded (CX) jackets, or Multi-stripes (MS), in blue, cream, or purple, and may be subject to minimum production quantities, manufacturing lead times and tooling availability.

SECTION 2

PE PRESSURE SYSTEMS

IPLEX BLUELINE™ PE80 PRESSURE PIPE - AS/NZS 4130

PRESSURE WATER APPLICATIONS

	Order Code	Size (mm)	Coil length (m)
 CX blue jacket pipe PN12.5	2500.20PN12.5.25	20	25
	2500.20PN12.5.50	20	50
	2500.20PN12.5.100	20	100
	2500.25PN12.5.25	25	25
	2500.25PN12.5.50	25	50
	2500.25PN12.5.100	25	100
	2500.32PN12.5.25	32	25
	2500.32PN12.5.50	32	50
	2500.32PN12.5.100	32	100

Order Code	Size (mm)	Coil length (m)
2500.40PN12.5.25	40	25
2500.40PN12.5.50	40	50
2500.40PN12.5.100	40	100
2500.50PN12.5.25	50	25
2500.50PN12.5.50	50	50
2500.50PN12.5.100	50	100
2500.63PN12.5.25	63	25
2500.63PN12.5.50	63	50
2500.63PN12.5.100	63	100

PLASSON SERIES 1 COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE®, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/Bag	Pressure Rating (Bar)
 90° elbow F&F	3501.20	20mm	300/10	16
	3501.25	25mm	200/10	16
	3501.32	32mm	130/5	16
	3501.40	40mm	75/1	16
	3501.50	50mm	45/1	16
	3501.63	63mm	25/5	16
 female threaded branch tee F&F&F	3503.20.15	20mm x ½"	180/10	16
	3503.25.15	25mm x ½"	150/5	16
	3503.25.20	25mm x ¾"	140/5	16
	3503.32.25	32mm x 1"	100/5	16
 90° tee F&F&F	3504.20	20mm	180/10	16
	3504.25	25mm	130/5	16
	3504.32	32mm	80/5	16
	3504.40	40mm	50/1	16
	3504.50	50mm	30/1	16
	3504.63	63mm	14/1	16
 reducing tee F&F&F	3505.25.20	25 x 20 x 25mm	150/5	16
	3505.32.20	32 x 20 x 32mm	100/5	16
	3505.32.25	32 x 25 x 32mm	100/5	16
 female threaded adaptor F&F	3506.20.15	20mm x ½"	500/10	16
	3506.25.20	25mm x ¾"	400/10	16
	3506.32.25	32mm x 1"	280/5	16
	3506.40.32	40mm x 1¼"	135/1	16
	3506.50.40	50mm x 1½"	90/1	16
	3506.63.50	63mm x 2"	45/1	16

SECTION 2

PE PRESSURE SYSTEMS

PLASSON SERIES 1 COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
 90° male threaded elbow M&F	3507.25.20	25mm x ¾"	150/10	16
	3507.32.25	32mm x 1"	180/5	16
 90° female threaded elbow F&F	3508.20.15	20mm x ½"	240/10	16
	3508.25.15	25mm x ½"	220/5	16
	3508.25.20	25mm x ¾"	300/5	16
	3508.32.25	32mm x 1"	200/5	16
	3508.50.40	50mm x 1½"	60/1	16
	3508.63.50	63mm x 2"	35/1	16
 female wingback adaptor F&F	3509.20.15	20mm x ½"	160/5	16
 coupling F&F	3510.20	20mm	350/10	16
	3510.25	25mm	300/10	16
	3510.32	32mm	150/5	16
	3510.40	40mm	100/1	16
	3510.50	50mm	55/1	16
	3510.63	63mm	38/1	16
 universal slip repair coupling F&F	3511.14-18	14-18mm	120/1	16
	3511.19-22	19-22mm	90/1	16
	3511.24-28	24-28mm	56/1	16
	3511.31-35	31 - 35mm	40/1	16
	3511.40-43	40 - 43mm	30/1	16
	3511.48-51	48 - 51mm	20/1	16
	3511.60-64	60 - 64mm	10/1	16

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
 universal coupling F&F	3512.25.14-18	25 x 14-18	180/5	16
	3512.25.19-22	25 x 19-22	150/5	16
	3512.25.24-28	25 x 24-28	120/5	16
 male threaded adaptor M&F	3513.20.15	20mm x ½"	500/10	16
	3513.25.20	25mm x ¾"	400/10	16
	3513.32.25	32mm x 1"	250/5	16
	3513.40.32	40mm x 1¼"	135/1	16
	3513.50.40	50mm x 1½"	90/1	16
	3513.63.50	63mm x 2"	50/1	16
 reducing coupler F&F	3523.25.20	25mm x 20mm	300/10	16
	3523.32.20	32mm x 20mm	200/5	16
	3523.32.25	32mm x 25mm	200/5	16
	3523.40.32	40mm x 32mm	100/1	16
	3523.50.25	50mm x 25mm	80/1	16
	3523.63.50	63mm x 50mm	35/1	16
 end plug F	3530.20	20mm	700/10	16
	3530.25	25mm	500/10	16
	3530.32	32mm	300/5	16
	3530.40	40mm	150/1	16
	3530.50	50mm	110/1	16
	3530.63	63mm	55/1	16
 wrench-plasson series 1	Wrench.2032*	20mm x 32mm	300/1	-
	Wrench.4063*	40mm x 63mm	100/1	-

*For fitting disassembly only

SECTION 2

PE PRESSURE SYSTEMS

PLASSON LINE 7

COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/Bag	Pressure Rating (Bar)
 90° elbow F&F	2501.20.90	20 x 90°	200/10	16
	2501.25.90	25 x 90°	150/10	16
	2501.32.90	32 x 90°	100/5	16
	2501.40.90	40 x 90°	60/1	16
	2501.50.90	50 x 90°	35/1	16
	2501.63.90	63 x 90°	24/1	16
	2501.75.90	75 x 90°	12/1	16
	2501.90.90	90 x 90°	8/1	16
	2501.110.90	110 x 90°	4/1	16
 45° elbow F&F	2501.32.45	32 x 45°	100/5	16
	2501.40.45	40 x 45°	60/1	16
	2501.50.45	50 x 45°	40/1	16
 90° slip tee F&F&F	2502.20	20	140/10	16
	2502.25	25	100/5	16
	2502.32	32	60/5	16
	2502.40	40	40/1	12.5
	2502.50	50	25/1	12.5
	2502.63	63	16/1	12.5
 female threaded branch tee F&F&F	2503.20.15	20mm x 1/2"	180/10	16
	2503.25.20	25mm x 3/4"	140/5	16
	2503.32.25	32mm x 1"	80/5	16
	2503.40.32	40mm x 1 1/4"	55/1	16
	2503.50.40	50mm x 1 1/2"	36/1	16
	2503.63.50	63mm x 2"	20/1	16
	2503.75.65	75mm x 2 1/2"	10/1	16
	2503.90.80	90mm x 3"	7/1	10
	2503.110.100	110mm x 4"	4/1	6
 90° plain tee F&F&F	2504.20	20	120/10	16
	2504.25	25	100/5	16
	2504.32	32	60/5	16
	2504.40	40	40/1	16
	2504.50	50	25/1	16
	2504.63	63	16/1	16
	2504.75	75	8/1	16
	2504.90	90	5/1	16
	2504.110	110	2/1	16

	Order Code	Size (mm)	Ctn/Bag	Pressure Rating (Bar)
 reducing branch tee F&F&F	2505.25.20	25 x 20	100/5	16
	2505.32.25	32 x 25	70/5	16
	2505.40.32	40 x 32	40/1	16
	2505.50.40	50 x 40	30/1	16
	2505.63.50	63 x 50	18/1	16
	2505.75.63	75 x 63	10/1	16
 female threaded adaptor F&F	2506.20	20mm x 1/2"	350/10	16
	2506.25	25mm x 3/4"	250/10	16
	2506.32	32mm x 1"	150/5	16
	2506.40	40mm x 1 1/4"	110/1	16
	2506.50	50mm x 1 1/2"	70/1	16
	2506.63	63mm x 2"	48/1	16
	2506.75.65	75mm x 2 1/2"	28/1	16
	2506.90	90mm x 3"	16/1	10
	2506.110	110mm x 4"	8/1	6
 90° male threaded elbow M&F	2507.20	20mm x 1/2"	350/10	16
	2507.25	25mm x 3/4"	250/10	16
	2507.32	32mm x 1"	140/5	16
	2507.40	40mm x 1 1/4"	90/1	16
	2507.50	50mm x 1 1/2"	55/1	16
	2507.63	63mm x 2"	35/1	16
 90° female threaded elbow F&F	2508.20	20mm x 1/2"	350/10	16
	2508.25	25mm x 3/4"	250/10	16
	2508.32	32mm x 1"	150/5	16
	2508.40	40mm x 1 1/4"	90/1	16
	2508.50	50mm x 1 1/2"	60/1	16
	2508.63	63mm x 2"	35/1	16
 female wingback adaptor F&F	2509.20	20mm x 1/2"	150/1	16
	2509.25	25mm x 3/4"	100/1	16

SECTION 2

PE PRESSURE SYSTEMS

PLASSON LINE 7

COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/Bag	Pressure Rating (Bar)
	2510.20	20	200/10	16
	2510.25	25	180/10	16
	2510.32	32	100/5	16
	2510.40	40	75/1	16
	2510.50	50	45/1	16
	2510.63	63	30/1	16
	2510.75	75	16/1	10
	2510.90	90	10/1	16
	2510.110	110	5/1	16
	2510.125	125	3/1	16
	2511.20	20	240/10	16
	2511.25	25	150/10	16
	2511.32	32	80/5	16
	2511.40	40	55/1	16
	2511.50	50	30/1	16
	2511.63	63	24/1	16
	2512.2515-22	25 x 15-22	90/1	10
	2512.2520-27	25 x 20-27	80/1	10
	2512.2527-35	25 x 27-35	60/1	10
	2512.3227-35	32 x 27-35	60/1	10
	2512.5035-50	50 x 35-50	20/1	10
	2513.20	20mm x 1/2"	350/10	16
	2513.25.15	25mm x 1/2"	250/10	16
	2513.25	25mm x 3/4"	250/10	16
	2513.32	32mm x 1"	150/5	16
	2513.40	40mm x 1 1/4"	110/1	16
	2513.50	50mm x 1 1/2"	70/1	16
	2513.63	63mm x 2"	48/1	16
	2513.75.65	75mm x 2 1/2"	28/1	16
	2513.90	90mm x 3"	16/1	16
	2513.110	110mm x 4"	8/1	16

	Order Code	Size (mm)	Ctn/Bag	Pressure Rating (Bar)
	2519.25.20	25 x 3/4"	300/1	12.5
	2519.32.25	32 x 1"	150/1	12.5
	2519.40.25	40 x 1"	150/1	12.5
	2519.50.15	50 x 1/2"	100/1	12.5
	2519.50.20	50 x 3/4"	100/1	12.5
	2519.50.25	50 x 1"	100/1	12.5
	2519.50.32	50 x 1 1/4"	100/1	12.5
	2519.63.15PS	63 x 1/2"	70/1	16
	2519.63.20PS	63 x 3/4"	70/1	16
	2519.63.25PS	63 x 1"	70/1	16
	2519.63.32PS	63 x 1 1/4"	70/1	16
	2519.63.40PS	63 x 1 1/2"	60/1	16
	2519.75.25	75 x 1"	55/1	10
	2519.75.50	75 x 2"	50/1	10
	2519.90.25PS	90 x 1"	45/1	16
	2519.90.50	90 x 2"	40/1	10
	2519.110.25PS	110 x 1"	36/1	16
	2519.110.32PS	110 x 1 1/4"	36/1	16
	2519.110.40PS	110 x 1 1/2"	36/1	16
	2519.125.20PS	125 x 20	36/1	16
	2519.180.20PS	180 x 20	24/1	16
	2523.25.20	25 x 20	200/10	16
	2523.32.25	32 x 25	120/5	16
	2523.40.32	40 x 32	90/1	16
	2523.50.40	50 x 40	60/1	16
	2523.63.50	63 x 50	36/1	16
	2523.75.63	75 x 63	20/1	16
	2523.90.75	90 x 75	12/1	16
	2523.110.90	110 x 90	6/1	16

*Either bolted style or "Plassaddle" style may be supplied.

Plassaddle is suitable for:

-DN63-90: PN10, 12.5, 16.

-DN110-180: PN6.3, 8, 10, 12.5, 16.

SECTION 2

PE PRESSURE SYSTEMS

PLASSON LINE 7

COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
 reducing set	2524.25.20	25 x 20	300/10	16
	2524.32.20	32 x 20	300/10	16
	2524.32.25	32 x 25	250/10	16
	2524.40.25	40 x 25	180/10	16
	2524.40.32	40 x 32	200/10	16
	2524.50.25	50 x 25	120/5	16
	2524.50.32	50 x 32	120/5	16
	2524.50.40	50 x 40	120/5	16
	2524.63.25	63 x 25	80/1	16
	2524.63.32	63 x 32	80/1	16
	2524.63.40	63 x 40	80/1	16
	2524.63.50	63 x 50	80/1	16
	2524.75.63	75 x 63	70/1	16
	2524.110.63	110 x 63	24/1	16
 shouldered adapter M&F	2525.63	63	45/1	16
	2525.110	110	8/1	16
 plug adapter	2530.20	20	2500/10	12.5
	2530.25	25	1500/10	12.5
	2530.32	32	1000/10	12.5
	2530.40	40	720/10	12.5
	2530.50	50	400/10	12.5
	2530.63	63	200/10	12.5
 end plug	2531.20	20	350/1	16
	2531.25	25	250/1	16
	2531.32	32	180/1	16
	2531.40	40	110/1	16
	2531.50	50	75/1	16
	2531.63	63	45/1	16
	2531.75	75	28/1	16
	2531.90	90	16/1	16
	2531.110	110	10/1	16

*Either bolted "tapper" or "Plassaddle tapper" style may be supplied.
 Plassaddle tapper is suitable for:
 -DN63: PN10, 12.5, 16.
 -DN110: PN8, 10, 12.5, 16.
 -DN125-180: PN6.3, 8, 10, 12.5, 16.

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
 tapper swivel tee for PE pipe	2536.63.25PS	63 x 25	40/1	16
	2536.110.25*	110 x 25	20/1	16
	2536.125.25PS	125 x 25	16/1	16
	2536.125.32*	125 x 32	16/1	16
 Plassaddle Tapper for PE pipe (PS series)	2536.180.25PS	180 x 25	8/1	16
	2536.180.32*	180 x 32	8/1	16
 tapper swivel tee for series 2 PVC pipe	2536.122.25*	122 x 25	16/1	16
	2536.177.25*	177 x 25	8/1	16
 Plassaddle tapper for series 2 PVC pipe (PS series)				
 Plasson 12mm hex key for Plassaddle & Plassaddle Tapper	2536.KEY	12	1	-
 4 Port centre connection meter manifold	2540.50.4P	50	1/1	16
	2540.50.6P	50	4/1	16
 6 Port centre connection meter manifold				

SECTION 2

PE PRESSURE SYSTEMS

PLASSON LINE 7 COMPRESSION FITTINGS - AS/NZS 4129

FOR USE WITH GREENLINE™, FARMLINE, REDLINE®, RURAL BLACK, BLUELINE®, BLACKLINE™ PN16 AND IPLEX PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
 barrel union threaded male adaptor	2572.25.15	25 x ½"	200/1	16
	2572.25.20	25 x ¾"	200/1	16
	2572.32.15	32 x ½"	180/1	16
	2572.32.20	32 x ¾"	180/1	16
	2572.32.25	32 x 1"	180/1	16
	2572.40.25	40 x 1"	130/1	16
	2572.40.32	40 x 1¼"	130/1	16
	2572.40.40	40 x 1½"	130/1	16
	2572.50.25	50 x 1"	80/1	16
	2572.50.32	50 x 1¼"	80/1	16
	2572.50.40	50 x 1½"	80/1	16
	2572.50.50	50 x 2"	80/1	16
	2572.63.25	63 x 1"	60/1	16
	2572.63.32	63 x 1¼"	60/1	16
	2572.63.40	63 x 1½"	60/1	16
	2572.63.50	63 x 2"	60/1	16
	2572.63.65	63 x 2½"	60/1	16
	2572.75.40	75 x 1½"	30/1	12.5
	2572.75.50	75 x 2"	30/1	12.5
	2572.75.65	75 x 2½"	30/1	12.5
	2572.75.80	75 x 3"	30/1	12.5

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
 modular adaptor	2579.20	20	300/10	16
	2579.25	25	250/10	16
	2579.32	32	180/5	16
	2579.40	40	100/5	16
	2579.50	50	70/1	16
	2579.63	63	45/1	16
 pipe support insert *	20mm plasson insert*	20	2520/40	
	25mm plasson insert*	25	1680/40	
	32mm plasson insert*	32	920/40	
	40mm plasson insert*	40	480/20	
	50mm plasson insert*	50	240/20	
	63mm plasson insert*	63	110/10	

* PIPE SUPPORT INSERTS MUST BE USED WITH ANY APPLICATIONS WITH COMPRESSED AIR, NEGATIVE PRESSURE (VACUUM), OR ELEVATED TEMPERATURES ABOVE GROUND (NOT EXCEEDING 40 Deg C, & WITH PRESSURE RERATING)

NOT REQUIRED WITH PLASSON FITTINGS FOR UNDERGROUND COLD WATER PRESSURE APPLICATIONS

SECTION 2

PE PRESSURE SYSTEMS

PLASSON

BSP THREADED PP FITTINGS - AS/NZS 4129

	Order Code	Size	Ctn/ Bag	Pressure Rating (Bar)
 threaded tee	2514.15	½"	700/10	16
	2514.20	¾"	500/10	16
	2514.25	1"	260/10	16
	2514.32	1¼"	140/5	10
	2514.40	1½"	90/5	10
	2514.50	2"	60/5	10
 threaded elbow	2515.15	½"	1000/10	16
	2515.20	¾"	700/10	16
	2515.25	1"	400/10	16
	2515.32	1¼"	200/10	10
	2515.40	1½"	150/5	10
	2515.50	2"	80/5	10
 threaded nipple	2516.15	½"	2000/10	16
	2516.20	¾"	1300/10	16
	2516.25	1"	800/10	16
	2516.32	1¼"	400/10	16
	2516.40	1½"	300/5	16
	2516.50	2"	180/5	16
 threaded reducing bush	2517.20.15	¾" x ½"	2000/10	16
	2517.25.15	1" x ½"	1200/10	16
	2517.25.20	1" x ¾"	1000/10	16
	2517.32.15	1¼" x ½"	700/10	10
	2517.32.20	1¼" x ¾"	700/10	10
	2517.32.25	1¼" x 1"	700/10	10
	2517.40.15	1½" x ½"	600/10	10
	2517.40.20	1½" x ¾"	600/10	10
	2517.40.25	1½" x 1"	500/10	10
	2517.40.32	1½" x 1¼"	500/10	10
	2517.50.15	2" x ½"	350/5	10
	2517.50.20	2" x ¾"	350/5	10
	2517.50.25	2" x 1"	300/5	10
	2517.50.32	2" x 1¼"	320/5	10
	2517.50.40	2" x 1½"	320/5	10
	2517.65.50	2½" x 2"	200/5	10
	2517.80.25	3" x 1"	150/2	10
	2517.80.32	3" x 1¼"	150/2	10
	2517.80.40	3" x 1½"	150/2	10
	2517.80.50	3" x 2"	100/2	10
	2517.80.65	3" x 2½"	150/2	10
	2517.100.50	4" x 2"	80/2	10
	2517.100.80	4" x 3"	80/2	10

	Order Code	Size	Ctn/ Bag	Pressure Rating (Bar)
 threaded reducing nipple	2518.20.15	¾" x ½"	1500/10	16
	2518.25.15	1" x ½"	800/10	16
	2518.25.20	1" x ¾"	800/10	16
	2518.32.15	1¼" x ½"	500/10	16
	2518.32.20	1¼" x ¾"	500/10	16
	2518.32.25	1¼" x 1"	500/10	16
	2518.40.15	1½" x ½"	500/5	16
	2518.40.20	1½" x ¾"	500/5	16
	2518.40.25	1½" x 1"	400/5	16
	2518.40.32	1½" x 1¼"	400/5	16
	2518.50.15	2" x ½"	280/5	16
	2518.50.20	2" x ¾"	260/5	16
	2518.50.25	2" x 1"	260/5	16
	2518.50.32	2" x 1¼"	240/5	16
 threaded socket	2521.15	½"	1200/10	16
	2521.20	¾"	1000/10	16
	2521.25	1"	600/10	16
	2521.32	1¼"	250/10	10
	2521.40	1½"	250/10	10
 threaded plug	2521.50	2"	150/5	10
	2530T.15	½"	2500/10	16
	2530T.20	¾"	1500/10	16
	2530T.25	1"	1000/10	16
	2530T.32	1¼"	700/10	16
	2530T.40	1½"	500/10	16
	2530T.50	2"	300/10	16

SECTION 2

PE PRESSURE SYSTEMS

PLASSON ACCESSORIES

	Order Code	Size (mm)	Ctn/Bag Qty
 wrench - plasson line 7	2550.40.75	40 - 75	75
	2550.63.125	63 - 125	20
 pipe chamfering tool	2555.20.63	20 - 63	64

PLASSON POLYPROPYLENE VALVES

	Order Code	Size (mm)	Ctn/Bag	Pressure Rating (Bar)
 quick coupling valve	2711	¾"	130/5	10
	2712	1"	130/5	10
	use with 2713 riser key			
 riser key	2713		250/5	10
	use with 2711 or 2712 quick coupling valve			
 check valve insert	2720.25	25	800/5	16
	converts a DN 25 Plasson Line 7 compression fitting to a 'one way' check valve			

	Order Code	Size (mm)	Ctn/Bag	Pressure Rating (Bar)
 F&F valve	2731	¾"	140/5	10
	2732	1"	120/5	10
 angle seat valve M&M	2735.32	1¼"	40/1	8
	2735.40	1½"	24/1	8
	2735.50	2"	15/1	8
 compression stopcock F&F	2741.20	20	100/5	16
	2741.25	25	80/5	16
	2741.32	32	60/5	16

SECTION 2

PE PRESSURE SYSTEMS

PLASSON BALL VALVES

	Order Code	Size	Ctn/Bag	Pressure Rating (Bar)
	2725.15	½"	72	16
	2725.20	¾"	72	16
	2725.25	1"	72	16
	2725.32	1¼"	72	16
	2725.40	1½"	30	16
ball Valve	2725.50	2"	24	16
	2725.15P	½"	72	16
	2725.20P	¾"	72	16
	2725.25P	1"	72	16
	2725.32P	1¼"	72	16
	2725.40P	1½"	30	16
ball valve with drain port	2725.50P	2"	24	16

COMBINATION AIR VALVES

	Order Code	Size	Ctn/Bag	Pressure Rating (Bar)
	2740.15	½"	1	16
	2740.20	¾"	1	16
	2740.25	1"	1	16

PLASSON POLYETHYLENE WATER METER VALVE BOXES

	Order Code	Size (mm)	Qty
 blue lid green lid polyethylene (water meter) valve boxes	193*	155 x 200 x 200 high	10
	193LIDGR**	155 x 200	80
	193LIDBL***	155 x 200	80

* Valve box only - no lid ** Green lid *** Blue lid

NOTES



ROADING & STORMWATER SYSTEMS

SECTION 3

ROADING & STORMWATER SYSTEMS

IPLEX NEXUS® HI-WAY SUBSOIL DRAINAGE PIPE

ROAD DRAINAGE SYSTEM TWIN WALL SMOOTH BORE HEAVY
DUTY PE (SLOTTED)
(COMPLIES WITH NZTA SPECIFICATION TNZ F/2)

	Order Code	Size (mm)	Length (m)	SN (KN/m ²)
 black pipe with red stripe supplied with push fit coupler	NEXUS1105HD	110	5	10
	NEXUS11050HD	110	50	10
	NEXUS110100HD	110	100	10
	NEXUS1605HD	160	5	10
	NEXUS16045HD	160	45	10
	NEXUS2005HD	200	5	6

IPLEX NEXUS® HI-WAY WITH FILTER SOCK SUBSOIL DRAINAGE PIPE

ROAD DRAINAGE SYSTEM TWIN WALL SMOOTH BORE HEAVY
DUTY PE (SLOTTED – WITH FILTER SOCK)
(COMPLIES WITH NZTA SPECIFICATION TNZ F/2)

	Order Code	Size (mm)	Length (m)	SN (KN/m ²)
 black pipe with red stripe supplied with pre-applied filter sock & coupler	NEXUS110100HDFS	110	100	10
	NEXUS16045HDFS	160	45	10

IPLEX NEXUSFLO™ WITH FILTER SOCK SUBSOIL DRAINAGE PIPE

LAND DRAINAGE SYSTEM TWIN WALL SMOOTH BORE PE
(SLOTTED – WITH FILTER SOCK)

	Order Code	Size (mm)	Length (m)	SN (KN/m ²)
 black pipe with blue stripe supplied with pre-applied filter sock & coupler	NEXUS110100FS*	110	100	10
	NEXUS16045FS*	160	45	10

*Complies with NZTA SPECIFICATION TNZ F/5

SECTION 3

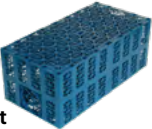
ROADING & STORMWATER SYSTEMS

IPLEX NOVAFLO® WITH FILTER SOCK SUBSOIL DRAINAGE PIPE

LAND DRAINAGE SYSTEM SINGLE WALL CORRUGATED BORE
PE (SLOTTED – WITH FILTER SOCK)

	Order Code	Size (mm)	Length (m)	SN
 black pipe with pre-applied filter sock & coupler	400.110.30FS	110	30	6
	400.110.100FS	110	100	6
	400.160.45FS	160	45	6

IPLEX AQUACELL® STORMWATER MANAGEMENT SYSTEM

	Order Code	Size (mm)	Qty
 unit	AQUACELL UNIT	1000mm (L) x 500mm (W) x 400mm (H)	10
 clip	AQUACELL CLIP		500

IPLEX SUPERSTORM® PVC-U STORMWATER DUCT NON PRESSURE APPLICATIONS ONLY - AS/NZS 1254

SUPERSTORM 4000 PVC-U STORMWATER DUCT SOLVENT CEMENT JOINT & RUBBER RING JOINT - SN4

	Order Code	Size (mm)	Ctn Qty
 solvent cement joint	700SN4.90.6 SOE	90 x 6	81
	700SN4.100.6 SOE	100 x 6	67
	700SN4.150.6 SOE	150 x 6	28
	700SN4.175.6 SOE	175 x 6	20
	700SN4.225.6 SOE	225 x 6	12

	Order Code	Size (mm)	Ctn Qty
 rubber ring joint	Z700SN4.150.6	150 x 6	28
	Z700SN4.175.6	175 x 6	20
	Z700SN4.225.6	225 x 6	12
	Z700SN4.300.6	300 x 6	6
	Z700SN4.375.6	375 x 6	6
	Z700SN4.475.6	475 x 6	4
	Z700SN4.600.6#	600 x 6	2

not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

SECTION 3

ROADING & STORMWATER SYSTEMS

IPLEX STORMFIT® PVC-U STORMWATER FITTINGS - NON PRESSURE APPLICATIONS

NON PRESSURE APPLICATIONS ONLY

	Order Code	Size (mm)	Ctn Qty
	701.90.15	90 x 15°	110
	701.90.22	90 x 22°	110
	701.90.45	90 x 45°	80
	701.90.90	90 x 90°	60
	101.100.5	100 x 5°	42
	101.100.15	100 x 15°	35
	101.100.30	100 x 30°	35
	101.100.45	100 x 45°	32
	101.100.88	100 x 88°	19
	701.150.45	150 x 45°	12
	701.150.90	150 x 90°	8
plain bend F&F			
	771.90.45MF	90 x 45°	75
plain bend M&F			
	103.100.45	100 x 45°	8
	103.100.88	100 x 88°	8
access bend F&F			
	704.90.45**	90 x 45°	28
	704.90.90*	90 x 88°	40
	104.100.45***	100 x 45°	12
	104.100.88**	100 x 88°	14
	704.150.45**	150 x 45°	4
	704.150.90***	150 x 90°	5
	*Threaded on branch socket **Threaded on one main way socket ***Threaded on one main way socket and branch socket		
plain junction F&F&F (SCJ)			

	Order Code	Size (mm)	Ctn Qty
	704.150.100.45	150 x 100 x 45°	5
reducing junction F&F			
	105.100.45LH	100 x 45°	7
	105.100.45RH	100 x 45°	7
inspection junction F&F&F			
	710.90*	90	140
	110.100	100	45
	110.150	150	14
straight coupling F&F			
straight coupling with threaded end F&F	* Threaded fitting		
	711S.90	90	80
slip repair coupling F&F			
	711R.90	90	80
repair coupling F&F			

Note: In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex stormwater fittings may be subject to change without notice.

SECTION 3

ROADING & STORMWATER SYSTEMS

IPLEX STORMFIT® PVC-U STORMWATER FITTINGS - NON PRESSURE APPLICATIONS

NON PRESSURE APPLICATIONS ONLY

	Order Code	Size (mm)	Ctn Qty
 socket reducer M&F	724.100.90	100 x 90	85
 adaptor F&F	724.90.100	90 x 100	90
 inspection pipe M&F	129.100	100	9
 screw cap and base M	736.90##	90	100
	136.100	100	35
	736C.90	90	100
	136C.100*	100	85
	736G.90**	90	1
*Cap only **Gasket only - use with 736.90 cap ## Use with 736G.90 Gasket - sold separately			

	Order Code	Size (mm)	Ctn Qty
 push-on cap	737.90	90	300
	137.100	100	135
	137.150	150	68
 pipe clip	140.90	90	100
 kerb outlet adaptor	765.90	90	28
	765.100	100	18
 stormwater grate dual size outlet	769.90 **	90	150
	769.150.100***	150 x 100	28
** 100mm diameter circular inlet grate, in 105mm square base, with DN90 dual purpose outlet, to suit either pipe bore, or pipe socket. *** 200mm diameter circular inlet grate, in 210mm square base, with multi-purpose outlet, to suit either DN100 pipe spigot, or DN150 pipe spigot , or DN 150 pipe bore.			

Note: In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex stormwater fittings may be subject to change without notice.

NOTES



PLUMBING, DRAIN, WASTE & VENT SYSTEMS

SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV PIPE - NON PRESSURE APPLICATIONS ONLY - AS/NZS 1260

NOVADRAIN® PVC-U DWV PIPE SOLVENT CEMENT JOINT & PLAIN END

	Order Code	Size (mm) x Length (mm)	Pack Qty
	100.32.6 SOE	32 x 6	240/10*
	100.40.6 SOE	40 x 6	180/10*
	100.50.6 SOE	50 x 6	150/5*
	100.65.6 SOE	65 x 6	102
	100.80.4 PE	80 x 4	88
	100.80.6 SOE	80 x 6	88
*These bundle sizes are the minimum order quantity			

solvent cement joint

NOVADRAIN® 4000 PVC-U DWV PIPE SOLVENT CEMENT JOINT & RUBBER RING JOINT - SN4

	Order Code	Size (mm) x Length (mm)	Pack Qty
	100SN4.150.6 SOE	150 x 6	28
	Z100SN4.150.3	150 x 3	28
	Z100SN4.150.4	150 x 4	28
	Z100SN4.150.6	150 x 6	28
	Z100SN4.175.6	175 x 6	20
	Z100SN4.225.6	225 x 6	12
	Z100SN4.300.6	300 x 6	6
	Z100SN4.375.6	375 x 6	6
	Z100SN4.475.6	475 x 6	2
	Z100SN4.600.6#	600 x 6	2

solvent cement & rubber ring joint

not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

NOVADRAIN® 6000 PVC-U DWV PIPE SOLVENT CEMENT JOINT & RUBBER RING JOINT - SN6

	Order Code	Size (mm) x Length (mm)	Pack Qty
	100SN6.100.6 SOE	100 x 6	67
	100SN6.100.6 RRJ	100 x 6	67

solvent cement & rubber ring joint

Note: In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex plumbing, drain, waste and vent fittings may be subject to change without notice.

SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV PIPE - NON PRESSURE APPLICATIONS ONLY AS/NZS 1260

NOVADRAIN® 8000 PVC-U DWV PIPE RUBBER RING JOINT - SN8

	Order Code	Size (mm) x Length (mm)	Pack Qty
 rubber ring joint	Z100SN8.150.4	150 x 4	28
	Z100SN8.150.6	150 x 6	28
	Z100SN8.175.6	175 x 6	20
	Z100SN8.225.6	225 x 6	12
	Z100SN8.300.6	300 x 6	6
	Z100SN8.375.6	375 x 6	6
	Z100SN8.475.6	475 x 6	2
	Z100SN8.600.6#	600 x 6	2

not necessarily held stock and may be subject to minimum production quantities, manufacturing lead times and tooling availability

NOVADRAIN® 10000 PVC-U DWV PIPE RUBBER RING JOINT - SN10

	Order Code	Size (mm) x Length (mm)	Pack Qty
 rubber ring joint	100SN10.100.6 RRJ	100 x 6	67

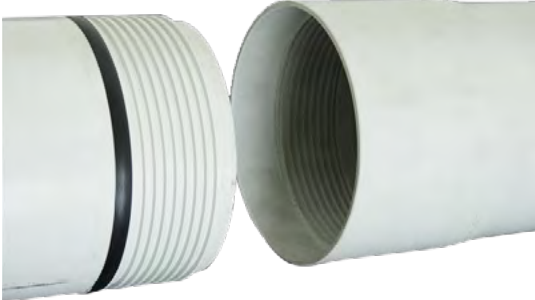
NOVADRAIN® 16000 PVC-U DWV PIPE RUBBER RING JOINT - SN16

	Order Code	Size (mm) x Length (mm)	Pack Qty
 rubber ring joint	100SN16.100.6 RRJ	100 x 6	67
	Z100SN16.150.3	150 x 3	28
	Z100SN16.150.4	150 x 4	28
	Z100SN16.150.6	150 x 6	28
	Z100SN16.175.4	175x4	20
	Z100SN16.175.6	175 x 6	20
	Z100SN16.225.3	225 x 3	12
	Z100SN16.225.4	225 x 4	12
	Z100SN16.225.6	225x6	12
	Z100SN16.300.3	300 x 3	6
	Z100SN16.300.4	300 x 4	6
	Z100SN16.300.6	300x6	6
	Z100SN16.375.3	375 x 3	6
	Z100SN16.375.4	375 x 4	6
	Z100SN16.375.6	375x6	6
	Z100SN16.475.3	475 x 3	2
	Z100SN16.475.4	475 x 4	2
	Z100SN16.475.6	475x6	2

SECTION 4
PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX RESTRAIN®
PVC-U DWV PIPE FOR TRENCHLESS INSTALLATION
NON-PRESSURE APPLICATIONS ONLY - AS/NZS 1260

RESTRAIN PVC-U THREADED JOINT DWV PIPE SN16

	Order Code	Size (mm) x Length (mm)	Pack Qty
	RESTRAIN100.1	100 x 1	1
	RESTRAIN100.2	100 x 2	1
	RESTRAIN100.3	100 x 3	1
	RESTRAIN150.1	150 x 1	1
	RESTRAIN150.2	150 x 2	1
	RESTRAIN150.3	150 x 3	1
	RESTRAIN225.1	225 x 1	1
	RESTRAIN225.2	225 x 2	1
	RESTRAIN225.3	225 x 3	1
	RESTRAIN300.1	300 x 1	1
	RESTRAIN300.2	300 x 2	1
	RESTRAIN300.3	300 x 3	1
threaded joint with seal ring			

All Restrain products are made to order.
Contact Iplex Pipelines for availability of alternative length options.

SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV FITTINGS SCJ NON-PRESSURE-AS / NZS 1260

NOTE: THE BAG QUANTITY SHOWN IS THE MINIMUM ORDER QUANTITY FOR 32MM, 40MM & 50MM DWV FITTINGS

	Order Code	Size (mm)	Ctn/Bag Qty
	101.32.15	32 x 15°	200 / 10
	101.32.45	32 x 45°	160 / 5
	101.32.88	32 x 88°	120 / 5
	101.40.15	40 x 15°	60 / 10
	101.40.43	40 x 43°	100 / 10
	101.40.60	40 x 60°	200 / 5
	101.40.88	40 x 88°	80 / 10
	101.50.15	50 x 15°	35 / 5
	101.50.45	50 x 45°	55 / 5
	101.50.88	50 x 88°	40 / 10
	101.65.15	65 x 15°	140
	101.65.45	65 x 45°	120
	101.65.88	65 x 88°	70
	101.80.15	80 x 15°	70
	101.80.45	80 x 45°	70
	101.80.88	80 x 88°	40
	101.100.5	100 x 5°	42
	101.100.15	100 x 15°	35
	101.100.30	100 x 30°	33
	101.100.45	100 x 45°	32
	101.100.60	100 x 60°	27
plain bend F&F	101.100.88	100 x 88°	19
	101.150.15	150 x 15°	12
	101.150.45	150 x 45°	9
	101.150.88	150 x 88°	5
	101.100.A	100 x 0°-40° x 52mm	8/1
expansion swivel joint			
	101.150A	150 x 0°-45°	7
adjustable bend F&F			

Note: In accordance with Iplex policy of continuous product development, the carton/bag quantity, configuration, range, design or external shape of Iplex plumbing, drain, waste and vent fittings may be subject to change without notice.

SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV FITTINGS SCJ NON-PRESSURE-AS / NZS 1260

	Order Code	Size (mm) x Length (mm)	Ctn Qty
	171.40.42	40 x 42°	60 / 10
	171.40.88	40 x 88°	80 / 10
	171.50.42	50 x 42°	50 / 10
	171.50.88	50 x 88°	40 / 10
	171.65.43	65 x 43°	85
	171.80.42	80 x 42°	60
	171.80.88	80 x 88°	50
	171.100.5	100 x 5°	45
	171.100.11	100 x 11°	36
	171.100.15	100 x 15°	35
	171.100.22	100 x 22°	28
	171.100.30	100 x 30°	34
	171.100.43	100 x 43°	30
	171.100.60	100 x 60°	27
	171.100.88	100 x 88°	19
	171.150.42	150 x 42°	9
plain bend M&F	171.150.88	150 x 88°	5
 reducing bend M&F	171.50.40.42	50* x 40 x 42°	50 / 5
	* Spigot is 50mm		

	Order Code	Size (mm) x Length (mm)	Ctn Qty
	101.40.45W	40 x 45°	60 / 5
	101.40.88W	40 x 88°	40 / 10
	101.50.45W	50 x 45°	90 / 5
	101.50.88W	50 x 88°	70 / 10
	101.65.88W	65 x 88°	60
	101.80.88W	80 x 88°	35
	101.100.45W	100 x 45°	28
	101.100.88W	100 x 88°	17

inspection bend F&F

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SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV FITTINGS SCJ NON-PRESSURE-AS / NZS 1260

	Order Code	Size (mm)	Ctn/ Bag Qty
	102.100.88	100 x 88°	15
rear access bend F&F			
	103.100.45	100 x 45°	8
	103.100.88	100 x 88°	8
side access bend F&F			
	104.32.88	32 x 88°	40/5
	104.40.45	40 x 45°	35/5
	104.40.88	40 x 88°	50/5
	104.50.45	50 x 45°	25/5
	104.50.88	50 x 88°	50/5
	104.65.45	65 x 45°	35
	104.65.88	65 x 88°	45
	104.80.45	80 x 45°	24
	104.80.88	80 x 88°	24
	104.100.45**	100 x 45°	12
	104.100.88***	100 x 88°	14
	104.150.45*	150 x 45°	3
	104.150.88	150 x 88°	4
plain junction F&F&F	*Threaded branch **Threaded Inlet mainway *** Threaded Inlet mainway and branch		
	104.80.50.45	80 x 40 x 45°	32
	104.100.50.45	100 x 50 x 45°	18
	104.100.50.88	100 x 50 x 88°	24
	104.100.65.45	100 x 65 x 45°	18
	104.100.80.45	100 x 80 x 45°	16
	104.150.100.45*	150 x 100 x 45°	5
	104.150.100.88	150 x 100 x 88°	5
reducing junction F&F&F	*Threaded branch		

	Order Code	Size (mm)	Ctn/ Bag Qty
	104.40.88W	40	40/5
	104.50.88W	50	40/5
	104.65.88W	65	40
	104.80.88W	80	20
	104.100.88W	100	12
inspection junction F&F&F			
	105.100.88	100 x 88°	10
rear access junction F&F&F			
	105.100.45LH	100 x 45°	7
	105.100.45RH	100 x 45°	7
LH side access junction F&F&F			
	106.100.88	100 x 88°	8
double junction F&F&F&F			
	110.32	32	200/5
	110.40	40	60/10
	110.50	50	130/10
	110.65	65	130
	110.80	80	96
	110.100	100	45
	110.100T*	100	45
	110.150	150	12
	110.150T*	150	12
straight coupling F&F threaded one end	*Threaded one end		

SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV FITTINGS SCJ NON-PRESSURE-AS / NZS 1260

	Order Code	Size (mm)	Ctn/ Bag Qty
 expansion coupling F&F	111.40	40	40/5
	111.50	50	50/5
	111.65	65	105
	111.80	80	50
	111.100	100	36
	111.150	150	12
 female iron to PVC socket F&F	112.32	32	80/5
	112.40	40	60/10
	112.50	50	80/10
	112.65	65	90
 male iron to PVC socket M&F	113.32	32	80/5
	113.40	40	90/10
	113.50	50	100/10
	113.100	100	12
	113.150	150	12
 copper to PVC adaptor F&F	114.32*	32	100/10
	114.40*	40	180/10
	114.50*	50	110/5
	114.80*	80	50
	114.100*	100	36
	* Compatible with NZS or BS copper tube		

	Order Code	Size (mm)	Ctn/ Bag Qty
 strap on boss F	119.100.50	100 x 50	70
 bolted trap screw (socket) F	120.80	80	60
	120.100	100	30
 bolted trap screw M (spigot into pipe bore)	121.100	100	30
 pipe reducer M (spigot into pipe bore)	198.65.40	65 x 40	65
	198.65.50	65 x 50	65
	198.100.40	100 x 40	36
 level invert taper M&F	122.100.50	100 x 50	72
	123.40.32	40 x 32	90/5
	123.50.40	50 x 40	50/5
	123.65.40	65 x 40	180
	123.65.50	65 x 50	200
	123.80.50	80 x 50	85
	123.80.65	80 x 65	85
	123.100.50	100 x 50	22
	123.100.65	100 x 65	60
	123.100.80	100 x 80	45
 level invert taper F&F	123.150.100	150 x 100	20
	123.150.100S*	150 x 100	1
*Socket both ends			

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SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV FITTINGS SCJ NON-PRESSURE-AS / NZS 1260

	Order Code	Size (mm)	Ctn/ Bag Qty
 socket reducer M&F	124.40.32	40 x 32	130/5
	124.50.40	50 x 40	100/10
	124.65.40	65 x 40	180/10
	124.65.50	65 x 50	200/10
	124.80.50	80 x 50	130/10
	124.80.65	80 x 65	80
	124.100.40	100 x 40	87
	124.100.50	100 x 50	87
	124.100.65	100 x 65	87
	124.100.80	100 x 80	84
	124.150.100	150 x 100	35
 ceramic socket to PVC spigot adaptor	124.AC.100	140 x 100	72
	124.AC.150	192 x 150	8
 floor flange	125.65	65	300/10
	125.80	80	250
	125.100	100	160
 female pan collar (offset)	127.80*	80	36
	*Offset		
 male pan collar (offset or concentric)	127.100**	100	36
	127.100A*	100	36
	127.100R***	100	140
	*Offset ** Concentric *** Rubber Seal Ring only		

	Order Code	Size (mm)	Ctn/ Bag Qty
 safe waste tray	128.100	100	120
 inspection pipe M&F	129.100*	100	9
	129.100S**	100	14
	129.150*	150	4
	* Nominal 150mm Access opening **Small access cap and threaded on one main way socket.		
 inspection pipe F&F	129.80	80	28
	129.100FF**	100	9
	129.150FF**	150	4
	**Nominal 150mm Access opening		
 weather apron	131.50	50	50/5
	131.65	65	60
	131.80	80	156
	131.100	100	100
 threaded access cap and base	136.40	40	260
	136.50	50	90
	136.80	80	80
	136.100	100	35
	136.150	150	12
 threaded access cap	136C.100	100	45
	136C.150	150	24
	136L.150*	150	1
 150mm access lid	*Nominal 150mm non- threaded access lid only, for 129 inspection pipe & 105 access junction		

SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV FITTINGS SCJ NON-PRESSURE-AS / NZS 1260

	Order Code	Size (mm)	Ctn/ Bag Qty
 push-on dust cap	136.100PP	100	250
 push-on cap	137.40	40	120/10
	137.50	50	100/10
	137.65	65	250/10
	137.80	80	160/10
	137.100	100	60
	137.150	150	64
	137.300	300	12/1
 vent cowl	150.40	40	100/5
	150.50.40	50 x 40	40/5
	150.65	65	170
	150.80	80	72
	150.100	100	135
 squat floor waste gully**	159.80.50P	80 x 50	32
	159.80.65P	80 x 65	28
	159.100.50	100 x 50	26
	159.100.65	100 x 65	22
	**Use only in conjunction with Iplex Boss Junctions		
 adjustable gully trap*	159.100*	100	10
	*Use only in conjunction with Iplex Boss Junctions		

	Order Code	Size (mm)	Ctn/ Bag Qty
 finishing collar	172.100	100	66
 pop-out grate (flat)	151.140	140	132
	Grate Only Use in conjunction with 172.100 Finishing Collar		
 pop-out grate (domed)	172G.100	140	130
	Grate Only Use in conjunction with 172.100 Finishing Collar		
 DWV overflow relief cap	173.100ORC	100	30
 boss junction M&F*	174.80.50.40.88	80x(2x50) x(2x40) x88°	30
	174.80.5444.88	80x(1x50) x(3x40)x88°	30
	174.100.50.40.88	100x(3x50) x(1x40)x88°	16
	174.100.5444.88	100x(1x50) x(3x40)x88°	16
	*Use only in conjunction with Iplex Squat Floor Gully and Adjustable Gully Trap		
 boss junction F&F*	104.100.50.40.88	100x(3x50) x(1x40)x88°	12
	*Use only in conjunction with Iplex Squat Floor Waste Gully and Adjustable Gully Trap		

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SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV FITTINGS SCJ NON-PRESSURE-AS / NZS 1260

	Order Code	Size (mm)	Ctn/ Bag Qty
 slab repair coupling	178.100	100	32
	Outlet end fits inside DWV pipe bore to allow repair of DWV vertical riser through concrete floor slab		
 vermin stopper	183.50	50	210/5
 copper to PVC seal ring	9145.80	80	1
	9145.100	100	1
	9145.150	150	1
	Compatible with NZS or BS Copper Tube		

SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV FITTINGS RRJ NON-PRESSURE - AS/NZS 1260

	Order Code	Size (mm)	Ctn/ Bag Qty
 plain bend F&F	1501.100.45	100 x 45°	20
	1501.100.60	100 x 60°	18
	1501.100.88	100 x 88°	16
	1501.150.45	150 x 45°	6
	1501.150.88	150 x 88°	4
 adjustable bend F&F	1501.150A	150 x 0-45°	6
 plain bend M&F	1571.100.5	100 x 5°	32
	1571.100.11	100 x 11°	34
	1571.100.15	100 x 15°	27
	1571.100.22	100 x 22°	24
	1571.100.30	100 x 30°	27
	1571.150.15	150 x 15°	10
 ramp bend F&F	1502.100.88	100 x 88°	12
 access bend 45° F&F	1503.100.45	100 x 45°	8
 access bend 88° F&F	1503.100.88	100 x 88°	8

	Order Code	Size (mm)	Ctn/ Bag Qty
 45°	1504.100.45	100 x 45°	8
	1504.100.88	100 x 88°	9
 88°	1504.150.45	150 x 45°	2
	1574.150.45	150 x 45°	2
 45°	1574.150.88	150 x 88°	2
	1574.150.88	150 x 88°	2
 plain junction M&F	1504.150.100.45	150 x 100 x 45°	3
 reducing junction F&F	1574.150.100.45	150 x 100 x 45°	3
 45°	1574.150.100.88	150 x 100 x 88°	5
	1574.150.100.88	150 x 100 x 88°	5
 reducing junction M&F	1505.100.45LH	100 x 45°	6
 LH	1505.100.45RH	100 x 45°	6
 RH	1505.100.45RH	100 x 45°	6
access junction F&F&F			

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SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX NOVADRAIN®

PVC-U DWV FITTINGS RRJ NON-PRESSURE - AS/NZS 1260

	Order Code	Size (mm)	Ctn/ Bag Qty
 slip coupling F&F	1511S.80	80	45
	1511S.150	150	12
 combination loose/ slip coupling F&F	1511.100	100	36
 loose coupling F&F	1511.150	150	12
 repair coupling	1511R.100	100	27
 fresh air inlet	1516.100	100	12
 level invert taper	1523.150.100	150 x 100	15
 reverse level invert taper	1527.100.150	100 x 150	18
 PVC to ceramic adaptor 100mm	1524.100	100	44
 ceramic socket to PVC adaptor	1525.100	100	36
	1525.150	150	10

	Order Code	Size (mm)	Ctn/ Bag Qty
 inspection pipe M&F	1529.100	100	9
	1529.150	150	4
 gully trap F&F	1559.100	100	6
 gully dish	1575.100	100	10
	1575L.100*	100	45
	*Lid Only		
 gully dish riser	1575.100R	100	4
	1575.200R	200	12
	1575.300R	300	4
 reflux valve F&F	1588.100	100	2
flap valve assembly only	1588.100FLAP	100	1

SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX WASTE TRAPS, PAN CONNECTORS & PAN BENDS

	Order Code	Size (mm)	Ctn/ Bag Qty		Order Code	Size (mm)	Ctn/ Bag Qty
 plain P trap	160.40.32P	40 x 32	22	 waste trap telescopic plug & waste S&P	PS32.40PW	40 x 32	1
	160.50P	50 x 32	30	 waste trap telescopic plug & waste AAV S&P	PS32.40PWV	40 x 32	45
 combination S&P (includes dishwasher connection)	162.40.32DW	40 x 32	45	 waste trap telescopic AAV S&P	PS32.40VTR	40 x 32	1
 waste trap S&P	PS32.40C	40 x 32	1	 pan connector 80mm long spigot concentric	PCW80	80	1
 waste trap telescopic S&P	PS32.40TR	40 x 32	1	 pan bend	FFPB100	100	1
 waste trap telescopic with nipple S&P	PS32.40TS	40 x 32	1	 pan bend with bracket	FFPB100BK	100	1
 waste trap with nipple S&P	PS32.40S	40 x 32	1	 adjustable extended pan bend with bracket	FFPB100EXT	100	1
 waste trap telescopic AAV with nipple S&P	PS32.40CVTS	40 x 32	1	 pan bend Q with bracket	FFPBQ100EXT	100	1
 waste trap telescopic P	PS32.40TP	40 x 32	1	 pan bend universal with bracket	FFPBU100EXT	100	1
 waste trap short P	PS32.40P	40 x 32	1	 trap adapter 32 x 40mm	TA4032	32 x 40	1
 waste trap telescopic with nipple P	PS32.40NP	40 x 32	1	 trap adapter 40mm	TA4040	40 x 40	1
 waste trap telescopic pop-up S&P	PS32.40PU	40 x 32	1	 waste extension double with nipple	DWA40	40 x 40	1
 waste trap telescopic pop-up AAV S&P	PS32.40PUV	40 x 32	1				

SECTION 4

PLUMBING, DRAIN, WASTE & VENT SYSTEMS

IPLEX PIPE SUPPORT CLIPS

FOR USE WITH DWV

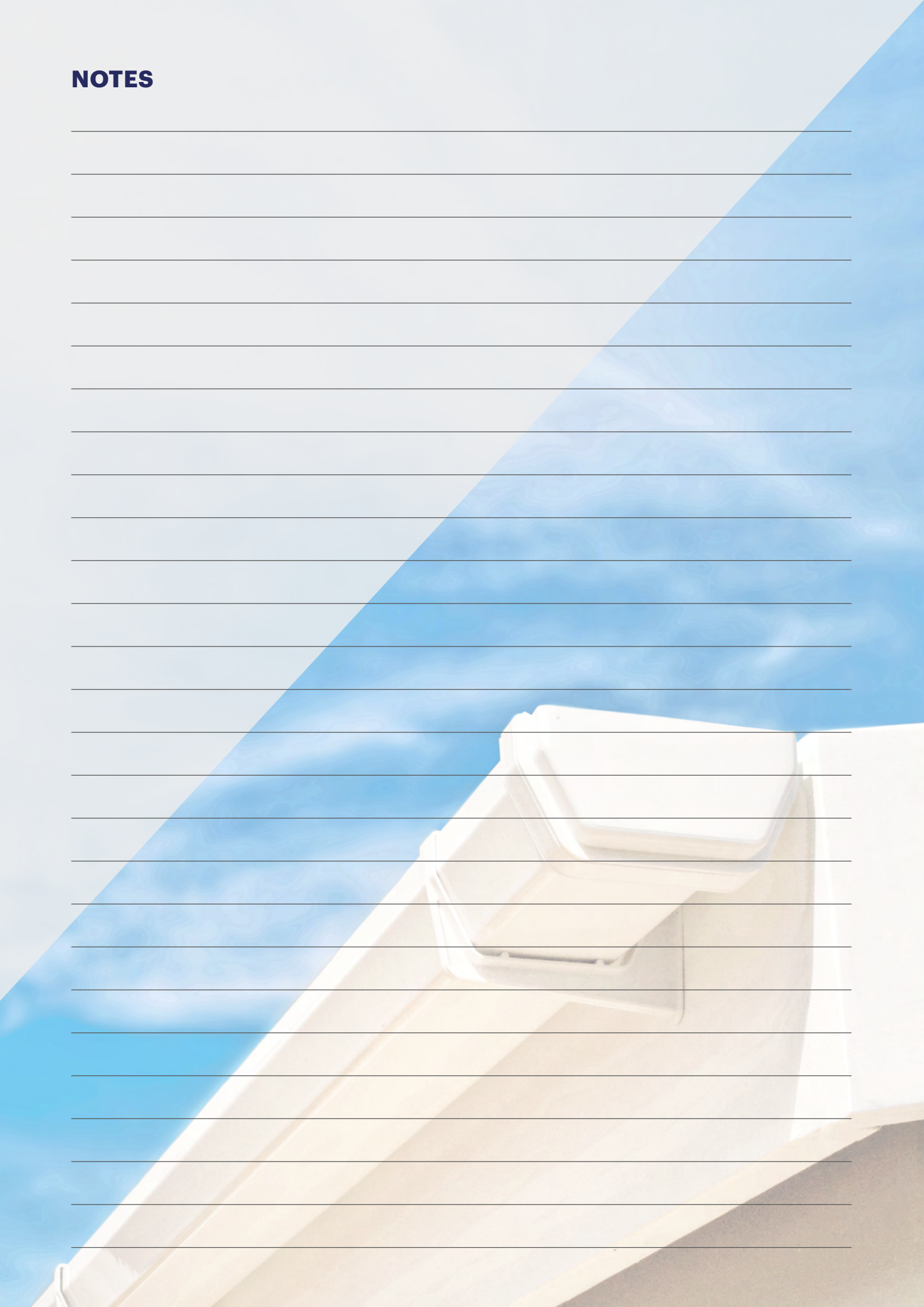
	Order Code	Size (mm)	Ctn/ Bag Qty
 DWV pipe clip	140.32	32	540/10
	140.40	40	400/10
	140.50	50	240/5
	140.65	65	80
 DWV holderbat (aluminium)	140H.80	80	100
	140H.100	100	100
	140H.150	150	100
 DWV standard key clip	141.32	32	300/10
	141.40	40	250/10
	141.50	50	190/10
	141.80	80	50
	141.100	100	50/10
 DWV side hanger key clip	142.32	32	400/10
	142.40	40	400/10
	142.50	50	250 /10
	142.80	80	120
	142.100	100	120
 DWV stand off key clip	143.32	32	250/10
	143.40	40	200/10
	143.50	50	200/10
	143.80	80	50
	143.100	100	35
	143.150	150	25
 copper pipe clipit complete with nail	841C.15	15	10
	841C.20	20	10
 polybutylene pipe clipit complete with nail	841P.15	15	10
	841P.20	20	10

SMART PRODUCTS

	Order Code	Size (mm)	Ctn/ Bag Qty
 smartpan	D101SPAN	100	12
 smartseal	D101SSEAL		15
 smartwaste	D101SWASTE*	100	6
	*Includes Lid		
 smartrap	D101STRAP.50	100 x 50	6
 smarttile	D101STILE.2*		32
	*Stainless steel		

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NOTES



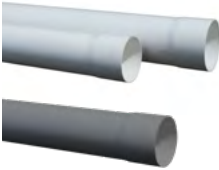
RAINWATER SYSTEMS

SECTION 5

RAINWATER SYSTEMS

IPLEX DOWNPIPE & FITTINGS PRODUCT RANGE—SCJ



	Order Code	Description	Size (mm)	Ctn/Bag Qty
	RP65.3SOE White	Downpipe , above ground application, 65mm	65 x 3m	192/12*
	RP80.3SOE White	Downpipe , above ground application, 80mm	80 x 3m	135/9**
	* available in bundles of 12 ** available in bundles of 9			
	700SN4.90.6 SOE Grey	Downpipe or stormwater pipe , above* or below ground application, 90mm	90 x 6m	81
	RWB.65.95 White	Socket bend 95° F&F (convertable to M&F)	65 x 95°	15
	RWB.80.95 White	Socket bend 95° F&F (convertable to M&F)	80 x 95°	15
	RWB.65.112 White	Socket bend 112° F&F (convertable to M&F)	65 x 112°	15
	RWB.80.112 White	Socket bend 112° F&F (convertable to M&F)	80 x 112°	10
	RWJ.65.95 White	Junction F&F&M	65 x 95°	15
	RWJ.80.95 White	Junction F&F&M	80 x 95°	10
	DPC.65 White	Pipe support clips	65mm	80
	DPC.80 White	Pipe support clips	80mm	80/10
	DPA.65.90 White	Downpipe to stormwater adaptor F&F	65mm x 90mm	75
	DPA.80.90 White	Downpipe to stormwater adaptor F&F	80mm x 90mm	65
	RWSOC.65 White	Downpipe socket joiner M&F	65mm	55
	RWSOC.80 White	Downpipe socket joiner M&F	80mm	35
	GP.80 White	Gutter pop (Allows 80mm downpipe connection directly to the spouting profile. Cut 80mm round hole and solvent cement flange to inside of spouting.)	80mm	130
	DSC150 White	Downpipe Solvent Cement (use with white Iplex® PVC downpipe fittings)	150ml	10/1

Note: Iplex® 65mm and 80 mm PVC-U rainwater downpipes are suitable for above ground applications only. Iplex Superstorm® 90mm, 100mm or 150mm PVC-U stormwater pipes and fittings may be used for underground rainwater pipes or for larger diameter above ground rainwater down pipes.

*** Iplex Superstorm® stormwater pipes and fittings used above ground, must be painted with a pale-coloured UV resistant water based paint system, for weathering protection.**

SECTION 5

RAINWATER SYSTEMS

IPLEX POLYFLOW™ SPOUTING PRODUCT RANGE—RRJ



	White Order Code	Description	Size (mm)	Ctn/Bag Qty
	RD500W	Iplex Polyflow™ Spouting 3m	117 x 3m	5
	RD501W	Iplex Polyflow™ Spouting 4m	117 x 4m	5
	RD502W	Iplex Polyflow™ Union Bracket (Fix to fascia with 1 screw, after spouting run is fitted into fascia brackets)	117	1
	RD503W	Iplex Polyflow™ Corner 90° Suitable for either internal or external corners. (No screws required) (Install a fascia bracket adjacent to both sides of the corner)	117 x 90°	40/1
	RD504W	Iplex Polyflow™ Corner 135° Suitable for either internal or external corners. (No screws required) (Install a fascia bracket adjacent to both sides of the corner)	117 x 135°	1
	RD505W	Iplex Polyflow™ Running Outlet (Fix to fascia with 2 screws after spouting run is fitted into fascia brackets)	117	13/1
	RD507W	Iplex Polyflow™ External Stop End (Used on the spouting - suitable in either LH or RH positions)	117	100/10
	RD508W	Iplex Polyflow™ Internal Stop End (Used inside the running outlet - suitable in either LH or RH position)	117	1
	RD509W	Iplex Polyflow™ Fascia Bracket (Fix to fascia with 3 screws) (Install at max 1.0m centres)	117	100/10
	RWL.30	Iplex® Spouting Lubricant (Apply sparingly as a lighter smear to each seal gasket before jointing)	30ml	16/1

SECTION 5

RAINWATER SYSTEMS

IPLEX SQUARE™ SPOUTING PRODUCT RANGE—RRJ



	White Order Code	Description	Size (mm)	Ctn/Bag Qty
	RS200W	Ipex Square™ Spouting 2m	112 x 2m	5
	RS201W	Ipex Square™ Spouting 4m	112 x 4m	5
	RS202W	Ipex Square™ Union Bracket (Fix to fascia with 1 screw after spouting run is fitted into fascia brackets)	112	50/10
	RS203W	Ipex Square™ Corner 90° Suitable for either internal or external corners (No screws required) (Install a fascia bracket adjacent to both sides of corner)	112 x 90°	20/2
	RS204W	Ipex Square™ Corner 135° Suitable for either internal or external corners (No screws required) (Install a fascia bracket adjacent to both sides of corner)	112 x 135°	5/1
	RS215W	Ipex Square™ Corner 150° Suitable for either internal or external corners (No screws required) (Install a fascia bracket adjacent to both sides of corner)	112 x 150°	1
	RS205W	Ipex Square™ Running Outlet (Use with RS231 square to round adaptor) (Fix to fascia with 2 screws after the spouting run is fitted into fascia brackets) (Use with RS231 square to round adaptor)	112	20/1
	RS206W	Ipex Square™ Short Stop End Outlet Suitable in either LH or RH positions (Install with RS209 fascia bracket) (Use with RS231 square to round adaptor)	112	10/1
	RS207W	Ipex Square™ External Stop End (Used on the spouting - suitable in either LH or RH position)	112	10/1
	RS208W	Ipex Square™ Internal Stop End (Used inside the running outlet - suitable in either LH or RH position)	112	10/1
	RS209W	Ipex Square™ Fascia Bracket (Fix to fascia with 3 screws) (Fix at max 1.0m centres)	112	100/20
	RS231W	Ipex Square™ to 65mm Round Downpipe Adaptor (Fix to running outlet with 2 screws)	50 x 50 x 65	100/10
	RWL.30	Ipex® Spouting Lubricant (Apply sparingly as a lighter smear to each seal gasket before jointing)	30ml	16/1

RURAL SYSTEMS

SECTION 6

RURAL SYSTEMS

IPLEX ALKATHENE™ LDPE PRESSURE PIPE

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe	300.15.25	15	9.7	25
	300.15.50	15	9.7	50
	300.15.100	15	9.7	100
	300.15.200	15	9.7	200
	300.20.25	20	9	25
	300.20.50	20	9	50
	300.20.100	20	9	100
	300.20.200	20	9	200
	300.25.25	25	8	25
	300.25.50	25	8	50
	300.25.100	25	8	100
	300.25.200	25	8	200
	300.32.25	32	7	25
	300.32.50	32	7	50
	300.32.100	32	7	100
	300.32.200	32	7	200
	300.40.25	40	6	25
	300.40.50	40	6	50
	300.40.100	40	6	100
	300.40.200	40	6	200
	300.50.25	50	5	25
	300.50.50	50	5	50
	300.50.100	50	5	100
	300.50.200	50	5	200

IRRIPOD PIPE LDPE PASTURE IRRIGATION PRESSURE PIPE

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe	IRRIPOD45100	45	5	100
	IRRIPOD45200	45	5	200

SECTION 6

RURAL SYSTEMS

IPLEX EFFLUENT PVC-U PRESSURE PIPE

	Order Code	Size (mm) x Length (m)	Pressure Rating Bar	Pack/Bundle Qty
 lilac pipe with rubber ring joint	Z822.80PN6.6 LILAC	80 x 6	6	60
	Z822.100PN6.6 LILAC	100 x 6	6	40
	Z822.80PN8.6 LILAC	80 x 6	8	60
	Z822.80PN8.6 LILAC	100 x 6	8	40

IPLEX EFFLUENT PE100 PRESSURE PIPE - AS/NZS 4130

EFFLUENT PE PN6.3

	Order Code	Size (mm)	Pressure Rating Bar	Coil Length in m
 black pipe with lilac stripes	2200.63PN6.3.50	63	6.3	50
	2200.63PN6.3.100	63	6.3	100
	2200.75PN6.3.50	75	6.3	50
	2200.75PN6.3.100	75	6.3	100
	2200.90PN6.3.50	90	6.3	50
	2200.90PN6.3.100	90	6.3	100

EFFLUENT PE PN8

	Order Code	Size (mm)	Pressure Rating Bar	Coil Length in m
 black pipe with lilac stripes	2200.75PN8.50	75	8	50
	2200.75PN8.100	75	8	100
	2200.90PN8.50	90	8	50
	2200.90PN8.100	90	8	100
	2200.110PN8.50	110	8	50
	2200.110PN8.100	110	8	100

IPLEX NOVATUBE™ LDPE HORTICULTURAL LATERAL TUBE

	Order Code	Size (mm)	Pressure Rating Bar	Coil Length in m
 black pipe	350.13.50	13	5	50
	350.13.100	13	5	100
	350.13.400	13	5	400
	350.16.25	16	5	25
	350.16.50	16	5	50
	350.16.100	16	5	100
	350.16.400	16	5	400
	350.19.25	19	5	25
	350.19.50	19	5	50
	350.19.100	19	5	100
	350.19.300	19	5	300
	350.25.25	25	5	25
	350.25.50	25	5	50
	350.25.100	25	5	100
	350.25.200	25	5	200

SECTION 6

RURAL SYSTEMS

IPLEX GREENLINE™ PE100 PRESSURE PIPE - AS / NZS 4130

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe with green stripes	370.20PN9.50	20	9	50
	370.20PN9.100	20	9	100
	370.20PN9.200	20	9	200
	370.25PN8.50	25	8	50
	370.25PN8.100	25	8	100
	370.25PN8.200	25	8	200
	370.32PN8.50	32	8	50
	370.32PN8.100	32	8	100
	370.32PN8.200	32	8	200

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe with green stripes	370.40PN6.3.50	40	6.3	50
	370.40PN6.3.100	40	6.3	100
	370.40PN6.3.200	40	6.3	200
	370.50PN6.3.50	50	6.3	50
	370.50PN6.3.100	50	6.3	100
	370.50PN6.3.200	50	6.3	200
	370.63PN6.3.50	63	6.3	50
	370.63PN6.3.100	63	6.3	100
	370.63PN6.3.200	63	6.3	200

IPLEX FARMLINE PE100 PRESSURE PIPE - AS NZS 4130

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
	365.40PN8.50	40	8	50
	365.40PN8.100	40	8	100
	365.40PN8.200	40	8	200
	365.50PN8.50	50	8	50
	365.50PN8.100	50	8	100
	365.50PN8.200	50	8	200
	365.63PN8.50	63	8	50
	365.63PN8.100	63	8	100
	365.63PN8.200	63	8	200

IPLEX REDLINE™ PE 100 PE100 PRESSURE PIPE - AS NZS 4130

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe with red stripes	360.20PN12.5.50	20	12.5	50
	360.20PN12.5.100	20	12.5	100
	360.20PN12.5.200	20	12.5	200
	360.25PN12.5.50	25	12.5	50
	360.25PN12.5.100	25	12.5	100
	360.25PN12.5.200	25	12.5	200
	360.32PN9.50	32	9	50
	360.32PN9.100	32	9	100
	360.32PN9.200	32	9	200

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe with red stripes	360.40PN9.50	40	9	50
	360.40PN9.100	40	9	100
	360.40PN9.200	40	9	200
	360.50PN9.50	50	9	50
	360.50PN9.100	50	9	100
	360.50PN9.200	50	9	200
	360.63PN9.50	63	9	50
	360.63PN9.100	63	9	100
	360.63PN9.200	63	9	200

SECTION 6

RURAL SYSTEMS

IPLEX RURAL BLACK PE100 RISER PRESSURE PIPE - AS / NZS 4130

	Order Code	Size (mm)	Pressure Rating Bar	Length m
 black pipe	340.32PN12.5.6	32	12.5	6
	340.40PN12.5.6	40	12.5	6
	340.50PN12.5.6	50	12.5	6
	340.63PN12.5.6	63	12.5	6

IPLEX RURAL BLACK PE100 PRESSURE PIPE - AS / NZS 4130

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe	340.32PN12.5.50	32	12.5	50
	340.32PN12.5.100	32	12.5	100
	340.32PN12.5.200	32	12.5	200
	340.40PN12.5.50	40	12.5	50
	340.40PN12.5.100	40	12.5	100
	340.40PN12.5.200	40	12.5	200
	340.50PN12.5.50	50	12.5	50
	340.50PN12.5.100	50	12.5	100
	340.50PN12.5.200	50	12.5	200

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe	340.63PN12.5.50	63	12.5	50
	340.63PN12.5.100	63	12.5	100
	340.63PN12.5.200	63	12.5	200
	340.75PN12.5.50	75	12.5	50
	340.75PN12.5.100	75	12.5	100
	340.90PN12.5.50	90	12.5	50
	340.90PN12.5.100	90	12.5	100
	340.110PN12.5.50	110	12.5	50
	340.110PN12.5.100	110	12.5	100

IPLEX BLACKLINE™ PE100 PRESSURE PIPE - AS / NZS 4130

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe with blue stripes	3500.25PN16.25BMS	25	16	25
	3500.25PN16.50BMS	25	16	50
	3500.25PN16.100BMS	25	16	100
	3500.32PN16.25BMS	32	16	25
	3500.32PN16.50BMS	32	16	50
	3500.32PN16.100BMS	32	16	100
	3500.40PN16.25BMS	40	16	25
	3500.40PN16.50BMS	40	16	50
	3500.40PN16.100BMS	40	16	100
	3500.50PN16.25BMS	50	16	25
	3500.50PN16.50BMS	50	16	50
	3500.50PN16.100BMS	50	16	100

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe with blue stripes	3500.63PN16.25BMS	63	16	25
	3500.63PN16.50BMS	63	16	50
	3500.63PN16.100BMS	63	16	100
	3500.75PN16.50BMS	75	16	50
	3500.75PN16.100BMS	75	16	100
	3500.90PN16.50BMS	90	16	50
	3500.90PN16.100BMS	90	16	100
	3500.110PN16.50BMS	110	16	50
	3500.110PN16.100BMS	110	16	100

SECTION 6

RURAL SYSTEMS

IPLEX BLACKLINE™ HP PE100 POLYETHYLENE PRESSURE PIPE - AS / NZS 4130

BLACKLINE HP PN20

	Order Code	Size (mm)	Pressure Rating Bar	Coil Length in m
 black pipe	3500.63PN20.50B	63	20	50
	3500.63PN20.100B	63	20	100
	3500.90PN20.50B	90	20	50
	3500.90PN20.100B	90	20	100
	3500.110PN20.50B	110	20	50
	3500.110PN20.100B	110	20	100

BLACKLINE HP PN25

	Order Code	Size (mm)	Pressure Rating Bar	Coil Length in m
 black pipe	3500.63PN25.50B	63	25	50
	3500.63PN25.100B	63	25	100
	3500.90PN25.50B	90	25	50
	3500.90PN25.100B	90	25	100
	3500.110PN25.50B	110	25	50
	3500.110PN25.100B	110	25	100

BLACKLINE™ HP DUCTILE IRON (DI) PRESSURE FITTINGS

FOR USE WITH BLACKLINE PN20 AND PN25 PIPE

	Order Code	Size (mm)	Ctn/Bag Qty
 ductile iron coupling PN25	VIT905PEC63C	63	12
	VIT905PEC90C	90	6
	DIC110PE	110	4
 ductile iron transition coupling PN25	VIT907TC63C	63	14
	DITC90PE	90	10
	DITC110PE	110	6

	Order Code	Size (mm)	Ctn/Bag Qty
 stainless steel male threaded adaptor PN25	SSMTA50	63 x 2"	1
	SSMTA80	90 x 3"	1
	SSMTA100	110 x 4"	1

Use with DITC transition coupling

	Order Code	Size (mm)	PCD (mm)	Ctn/Bag Qty
 ductile iron universal flanged adaptor PN25	DIUFA50	63 x 50 flange	120-125	1
	DIUFA80	90 x 80 flange	150-160	1
	DIUFA100	110 x 100 flange	175-191	1

Use with DITC transition coupling

SECTION 6

RURAL SYSTEMS

IPLEX NEXUSFLO™ HDPE LAND DRAINAGE PIPE

TWIN WALL, SMOOTH BORE, SLOTTED

	Order Code	Size (mm)	Coil length in m
 black pipe with blue stripe supplied with push fit coupler	NEXUS11015	110	15
	NEXUS11030	110	30
	NEXUS11050	110	50
	NEXUS110100	110	100
	NEXUS110450	110	450
	NEXUS16045	160	45
	NEXUS160185	160	185
	NEXUS2005	200	5
	NEXUS20029	200	29
	NEXUS200120	200	120

IPLEX NEXUSCOIL™ HDPE DUCT PIPE

TWIN WALL, SMOOTH BORE, UNSLOTTED

	Order Code	Size (mm)	Coil length in m
 black pipe with yellow stripe supplied with push fit coupler	NEXUSCOIL11015	110	15
	NEXUSCOIL11030	110	30
	NEXUSCOIL11050	110	50
	NEXUSCOIL110100	110	100
	NEXUSCOIL110450	110	450
	NEXUSCOIL16045	160	45
	NEXUSCOIL160185	160	185
	NEXUSCOIL20029	200	29
	NEXUSCOIL200120	200	120

IPLEX NOVAFLO® HDPE LAND DRAINAGE PIPE

SINGLE WALL, CORRUGATED BORE, SLOTTED

	Order Code	Size (mm)	Coil length in m
 black pipe supplied with push fit coupler - small coils - large coils	400.065.15*	65	15
	400.065.30*	65	30
	400.065.150	65	150
	400.110.15	110	15
	400.110.30	110	30
	400.110.50	110	50

	Order Code	Size (mm)	Coil length in m
 black pipe supplied with push fit coupler - small coils - large coils	400.110.100	110	100
	400.110.450	110	450
	400.160.15	160	15
	400.160.45	160	45
	400.160.185	160	185
	* Sold only in bundles of 4 coils		

* Sold only in bundles of 4 coils

SECTION 6

RURAL SYSTEMS

IPLEX NOVACOIL® HDPE DUCT PIPE

SINGLE WALL, CORRUGATED BORE, UNSLOTTED

	Order Code	Size (mm)	Coil length in m
 black pipe with white stripe supplied with push fit coupler	500.065.15	65	15
	500.065.30	65	30
	500.065.150	65	150
	500.110.15	110	15
	500.110.30	110	30
	500.110.100	110	100
	500.160.15	160	15
	500.160.45	160	45

IPLEX NEXUSFLO™ OR IPLEX NOVAFLO® FITTINGS

	Order Code	Size (mm)	Ctn/Bag Qty
 junction	104.65.45	65	35
	104.100.45	110	12
	704.150.45	160	4
	704.150.100.45	160 x 110	5
 pipe coupler	410.065	65	195
	420.110	110	40
	420.160	160	12
	420.200	200	10
 pipe coupler	420.250	250	1
 level invert F&F	123.150.100S	160 x 110	1
 flexible push-on cap removable flexible cap for pipe end protection	430.32	32	1
	430.40	40	1
	430.50	50	1
	430.63	63	1
	430.90	90	1
	430.110	110	1

	Order Code	Size (mm)	Ctn/Bag Qty
 flexible push-on cap removable flexible cap for pipe end protection	430.125	125	1
	430.140	140	1
	430.160	160	1
	430.180	180	1

SECTION 6

RURAL SYSTEMS

IPLEX NEXUS® CULVERT HDPE CULVERT PIPE

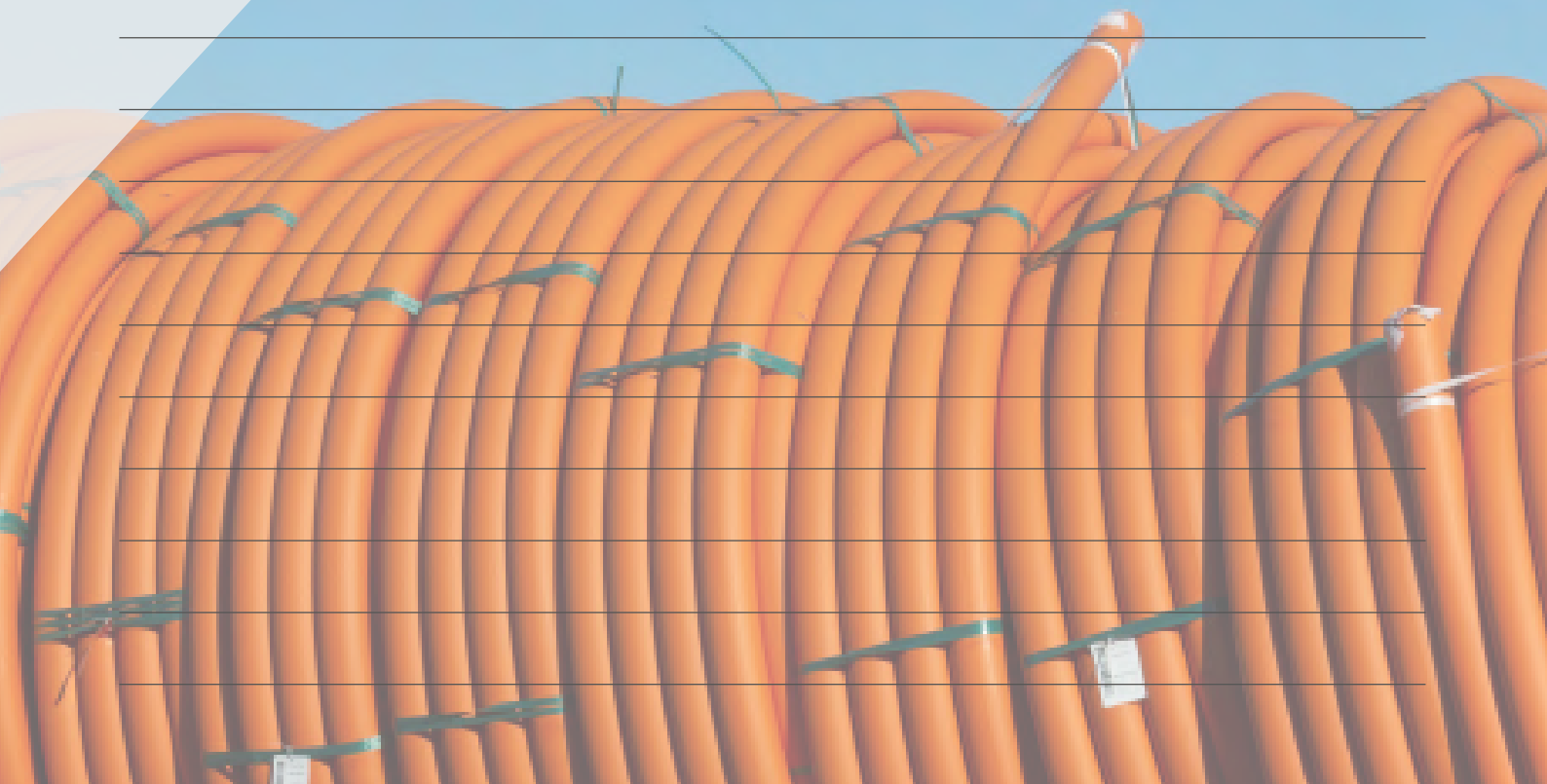
TWIN WALL, SMOOTH BORE

	Order Code	Colour	Size (mm) x Length (m)	Pack/Bundle Qty
 black pipe with brown stripe, socket one end for push fit jointing	NEXUSCULVERT1105	BLACK with BROWN STRIPE	110 x 5	67
	NEXUSCULVERT1605	BLACK with BROWN STRIPE	160 x 5	28
	NEXUSCULVERT2005	BLACK with BROWN STRIPE	200 x 5	20
	NEXUSCULVERT2506	BLACK with NO STRIPE	250 x 5	12
 black pipe with green stripe, socketed one end for push fit jointing	NEXUSCULVERT3156	BLACK with GREEN STRIPE	315 x 6	6
	NEXUSCULVERT4006	BLACK with GREEN STRIPE	400 x 6	2
	NEXUSCULVERT5006	BLACK with GREEN STRIPE	500 x 6	2

IPLEX FARMTUFF® PVC-U CULVERT PIPE

	Order Code	Size (mm)	Ctn/Bag Qty
 solvent cement joint	550.110.5 SOE	110 x 5	67
	550.160.5 SOE	160 x 5	28
	550.200.3 SOE	200 x 3	20
	550.200.5 SOE	200 x 5	20
	550.200.6 SOE	200 x 6	20
	550.250.3 SOE	250 x 3	12
	550.250.5 SOE	250 x 5	12
	550.250.6 SOE	250 x 6	12
	550.315.3 SOE	315 x 3	6
	550.315.5 SOE	315 x 5	6
	550.315.6 SOE	315 x 6	6
	550.400.3 SOE	400 x 3	6
	550.400.5 SOE	400 x 5	6
	550.400.6 SOE	400 x 6	6
	550.500.3 SOE	500 x 3	2
	550.500.5 SOE	500 x 5	2
	550.500.6 SOE	500 x 6	2

NOTES



ENERGY & COMMUNICATIONS SYSTEMS

SECTION 7

ENERGY & COMMUNICATIONS SYSTEMS

IPLEX VOLTA® PVC-U RIGID ELECTRICAL CONDUIT

IPLEX VOLTA® PVC-U RIGID ELECTRICAL CONDUIT - (GREY): ABOVE GROUND APPLICATIONS (TO AS/NZS 61386.21)

	Nominal Diameter (mm)	Order Code	**Duty Classification	# Joint Type	Mean Outside Diameter (mm)	Minimum Internal Diameter (mm)	Bundle Qty
	20	IPLEXVOLTA.20HD.GY.4	HD4431	Spigot/Socket SCJ	19.9	16.2	1560/10
	25	IPLEXVOLTA.25HD.GY.4	HD4431	Spigot/Socket SCJ	24.9	20.5	1100/10
	32	IPLEXVOLTA.32HD.GY.4	HD4431	Spigot/Socket SCJ	31.9	27.0	640/10
	40	IPLEXVOLTA.40HD.GY.4	HD4431	Spigot/Socket SCJ	39.9	34.3	420/10
	50	IPLEXVOLTA.50HD.GY.4	HD4431	Spigot/Socket SCJ	49.9	43.5	280/5

IPLEX VOLTA® PVC-U RIGID ELECTRICAL CONDUIT - (ORANGE): BELOW GROUND APPLICATIONS (TO AS/NZS 61386.21)

	Nominal Diameter (mm)	Order Code	**Duty Classification	# Joint Type	Mean Outside Diameter (mm)	Minimum Internal Diameter (mm)	Bundle Qty
	20	IPLEXVOLTA.20HD.OR.4	HD4431	Spigot/Socket SCJ	19.9	16.2	1560/10
	25	IPLEXVOLTA.25HD.OR.4	HD4431	Spigot/Socket SCJ	24.9	20.5	1100/10
	32	IPLEXVOLTA.32HD.OR.4	HD4431	Spigot/Socket SCJ	31.9	27.0	640/10
	40	IPLEXVOLTA.40HD.OR.4	HD4431	Spigot/Socket SCJ	39.9	34.3	420/10
	50	IPLEXVOLTA.50HD.OR.4	HD4431	Spigot/Socket SCJ	49.9	43.5	280/5

IPLEX VOLTA® PVC-U RIGID ELECTRICAL DUCT

IPLEX VOLTA® PVC-U RIGID ELECTRICAL DUCT - (ORANGE): BELOW GROUND APPLICATIONS (TO AS/NZS 61386.21)

	Nominal Diameter (mm)	Order Code	**Duty Classification	# Joint Type	Mean Outside Diameter (mm)	Minimum Internal Diameter (mm)	Stiffness Class (SN)	Bundle Qty
	80	IPLEXVOLTA.80MD.OR.6	MD3331	Spigot/Socket SCJ	82.5	77.1	n/a	88/1
	80	IPLEXVOLTA.80HD.OR.6	HD4431	Spigot/Socket SCJ	82.5	75.3	n/a	88/1
	100	IPLEXVOLTA.100MD.OR.6	MD3331	Spigot/Socket SCJ	110.2	103.2	4	67/1
	100	IPLEXVOLTA.100HD.OR.6	HD4431	Spigot/Socket SCJ	110.2	102.0	10	67/1
	100	IPLEXVOLTA.100VHD.OR.6	VHD5531	Spigot/Socket SCJ	110.2	96.0	25	67/1
	150	IPLEXVOLTA.150MD.OR.6	MD3331	Spigot/Socket SCJ	160.3	150.4	4	28/1
	150	IPLEXVOLTA.150HD.OR.6	HD4431	Spigot/Socket SCJ	160.3	148.8	10	28/1
	150	IPLEXVOLTA.150VHD.OR.6	VHD5531	Spigot/Socket SCJ	160.3	141.4	25	28/1
	200	IPLEXVOLTA.200HD.OR.6	HD4431	Spigot/Socket SCJ	225.3	210.3	10	15/1

SECTION 7

ENERGY & COMMUNICATIONS SYSTEMS

IPLEX® 2700 SERIES PVC-U RIGID ELECTRICAL DUCT

2700 SERIES PVC-U RIGID ELECTRICAL DUCT - (ORANGE): BELOW GROUND APPLICATIONS (TO AS/NZS 2053.2)

	Nominal Diameter (mm)	Order Code	**Duty Classification	# Joint Type	Mean Outside Diameter (mm)	Minimum Internal Diameter (mm)	Stiffness Rating (SN)	Bundle Qty
	32**	2700.32.6 SOE	N/A	Spigot/Socket SCJ	36.4	31.6	N/A	240/10
	40**	2700.40.6 SOE	N/A	Spigot/Socket SCJ	42.9	37.6	N/A	180/10
	50**	2700.50.6 SOE	N/A	Spigot/Socket SCJ	55.8	50.5	N/A	150/5
	65**	2700.65.6 SOE	N/A	Spigot/Socket SCJ	68.8	62.5	N/A	102/1

**Nominal diameter 32mm, 40mm, 50mm and 65mm PVC-U ducts coloured orange are manufactured to the OD and wall thickness dimensions of AS/NZS 1260

IPLEX® PVC-U ELECTRICAL BENDS (ORANGE)

		Order Code	Size (mm/°)
	2703.50.45R250	2703.50.45	50 x 45°
		2703.50.90	50 x 90°
	2703.50.90R250	2703.80.45	80 x 45°
		2703.80.90	80 x 90°
	2703.100.45R250	2703.100.45R250	100 x 45° ROC* 250mm
		2703.100.90R250	100 x 90° ROC* 250mm
	2703.100.90R250	2703.100.90R900	100 x 90° ROC* 900mm

*ROC = Radius of Curvature

SECTION 7

ENERGY & COMMUNICATIONS SYSTEMS

IPLEX® PE FLEXIBLE ELECTRICAL DUCT - COILS

IPLEX PE FLEXIBLE ELECTRICAL DUCT- FREE STANDING COIL

Free Standing Coil



Iplex strongly recommends that mechanical straightening and mechanical re-rounding equipment be used when installing coiled DN 125, 140 and 160 PE duct.

OD (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (kN)
32	Cableduct OR 32/25.200	Orange	200m	11	32.1	3.2	2.2
32	Cableduct OR 32/25.500	Orange	500m	11	32.1	3.2	2.2
32	Cableduct OR 32/28.200	Orange	200m	17	32.1	2.0	1.5
32	Cableduct OR 32/28.500	Orange	500m	17	32.1	2.0	1.5
32	Cableduct OR 32/27.200	Orange	200m	13.6	32.1	2.6	1.8
40	Cableduct OR 40/35.100	Orange	100m	17	40.2	2.4	2.3
40	Cableduct OR 40/35.200	Orange	200m	17	40.2	2.4	2.3
50	Cableduct OR 50/44.100	Orange	100m	17	50.3	3.2	3.5
50	Cableduct OR 50/42.100	Orange	100m	13.6	50.3	3.7	4.3
50	Cableduct OR 50/44.200	Orange	200m	17	50.3	3.2	3.5
50	Cableduct OR 50/42.200	Orange	200m	13.6	50.3	3.9	4.5
63	Cableduct OR 63/55.100	Orange	100m	17	63.3	4.0	5.5
63	Cableduct OR 63/53.100	Orange	100m	13.6	63.3	5.0	6.8
63	Cableduct OR 63/55.150	Orange	150m	17	63.3	4.0	5.5
90	Cableduct OR 90/79.50	Orange	50m	17	90.5	5.8	11.3
90	Cableduct OR 90/79.100	Orange	100m	17	90.5	5.8	11.3
110	Cableduct OR 110/97.50	Orange	50m	17	110.5	7.0	16.8
110	Cableduct OR 110/97.100	Orange	100m	17	110.5	7.0	16.8
125	Cableduct OR 125/110.100	Orange	100m	17	125.5	7.8	21.7
140	Cableduct OR 140/123.100 CX	Orange	100m	17	140.6	8.8	27.3
160	Cableduct 160/140.100 CXOR	Orange	100m	17	160.4	10.0	35.6

IPLEX PE FLEXIBLE ELECTRICAL DUCT - DRUM COIL

Drum Coil



OD (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (kN)
50	Cableduct 50/44.800 CXOR	Orange	800m	17	50.3	3.2	3.5
50	Cableduct 50/44.2000 CXOR	Orange	2000m	17	50.3	3.2	3.5
110	Cableduct 110/97.340 CXOR	Orange	340m	17	110.5	7.0	16.8
110	Cableduct 110/97.400 CXOR	Orange	400m	17	110.5	7.0	16.8
110	Cableduct 110/97.600 CXOR	Orange	600m	17	110.5	7.0	16.8
140	Cableduct 140/123.340 CXOR	Orange	340m	17	140.6	8.8	27.3
160	Cableduct 160/140.190 CXOR	Orange	190m	17	160.4	10.0	37.3

IPLEX® PE FLEXIBLE ELECTRICAL DUCT - STRAIGHT LENGTHS

IPLEX PE FLEXIBLE ELECTRICAL DUCT

STRAIGHT LENGTHS



OD (mm)	Order Code	Colour	Length	SDR Rating	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (kN)
110	Cableduct 110/97.15 CXOR	Orange	15m	17	110.5	7.0	16.8
140	Cableduct 140/123.15 CXOR	Orange	15m	17	140.6	8.8	27.3
160	Cableduct 160/140.15 CXOR	Orange	15m	17	160.4	10.0	37.3
160	Cableduct 160/140.15 CXOR	Orange	15m	17	160.4	10.0	37.3

SECTION 7

ENERGY & COMMUNICATIONS SYSTEMS

IPLEX® PVC-U RIGID COMMUNICATIONS DUCT

CHORUS BRANDED PVC-U RIGID COMMUNICATIONS DUCT

	Nominal Diameter (mm)	Order Code	Colour	Duty Classification	Stiffness Class	#Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Bundle/ Pack QTY
	20mm x 6m	10012937	● Green	N/A	N/A	Spigot/Socket SCJ	26.7	1.9	150
	20mm x 6m	10013281	● White	N/A	N/A	Spigot/Socket SCJ	26.7	2.1	150
	50mm x 6m	P4001	● Green	N/A	N/A	Rubber Ring Joint	60.3	2.6	123
	100mm x 6m	P4000	● Green	SN6	N/A	Rubber Ring Joint	110.2	3.6	67

CHORUS BRANDED PVC-U REPAIR SLEEVE FOR COMMUNICATIONS DUCT

	Nominal Diameter (mm)	Order Code	Colour	Duty Classification	Stiffness Class	#Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Bundle/ Pack QTY
	50mm x 2m	10013103	● Green	N/A	N/A	Plain End, SCJ	65.6	2.6	1
	100mm x 2m	10013102	● Green	N/A	N/A	Plain End, SCJ	117.3	3.6	1

NON-CHORUS BRANDED PVC-U RIGID COMMUNICATIONS DUCT (GREEN)

	Nominal Diameter (mm)	Order Code	Colour	Duty Classification	Stiffness Class	#Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Bundle /Pack QTY
	20mm x 6m	CD80020	● White	N/A	N/A	Spigot/Socket SCJ	26.7	1.7	150
	100mm x 6m	2780.100MD.6 SOE	● Green	MD	SN4	Spigot/Socket SCJ	110.2	3.1	67
	100mm x 6m	2780.100.6RRJNPGREEN	● Green	N/A	N/A	Spigot/Socket SCJ	110.2	3.6	67
	150mm x 6m	2780.150MD.6 SOE	● Green	MD	SN4	Spigot/Socket SCJ	160.3	4.5	28
	100mm x 6m	COMMSDUCT.100SN10.HD.GR.6	● Green	HD	SN10	Spigot/Socket SCJ	110.2	3.8	67
	150mm x 6m	COMMSDUCT.150SN10.HD.GR.6	● Green	HD	SN10	Spigot/Socket SCJ	160.3	5.3	28

NON-CHORUS BRANDED PVC-U RIGID COMMUNICATIONS DUCT (RED)

	Nominal Diameter (mm)	Order Code	Colour	Duty Classification	Stiffness Class	#Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Pack Qty
	50mm x 6m	2730.50.6 SOE	● Red	N/A	N/A	Spigot/Socket SCJ	55.8	2.4	150
	100mm x 6m	2730.100MD.6 SOE	● Red	MD	SN4	Spigot/Socket SCJ	110.2	3.1	67
	100mm x 6m	COMMSDUCT.100SN10.HD.RED.6	● Red	HD	SN10	Spigot/Socket SCJ	110.2	3.8	67

IPLEX PVC-U RIGID COMMUNICATIONS DUCT (SALMON OR SALMON PINK)

	Nominal Diameter (mm)	Order Code	Colour	Duty Classification	Stiffness Class	#Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Pack Qty
	50mm x 6m	COMMSDUCT.50.SAP.6	● Salmon Pink	N/A	N/A	Spigot/Socket SCJ	55.8	2.4	150
	50mm x 6m	2720.50.6 SOE	● Salmon	N/A	N/A	Spigot/Socket SCJ	55.8	2.4	150
	100mm x 6m	2720.100MD.6 SOE	● Salmon	MD	SN4	Spigot/Socket SCJ	110.2	3.1	67
	100mm x 6m	COMMSDUCT.100SN10.HD.SA.6	● Salmon	HD	SN10	Spigot/Socket SCJ	110.2	3.8	67
	150mm x 6m	COMMSDUCT.150SN10.HD.SA.6	● Salmon	HD	SN10	Spigot/Socket SCJ	160.3	5.3	28
	100mm x 6m	COMMSDUCT.100SN10.HD.SAP.6	● Salmon Pink	HD	SN10	Spigot/Socket SCJ	110.2	3.8	67

SECTION 7

ENERGY & COMMUNICATIONS SYSTEMS

IPLEX® PVC-U RIGID COMMUNICATIONS DUCT

VODAFONE/TELSTRACLEAR BRANDED PVC-U RIGID COMMUNICATIONS DUCT

	Nominal Diameter (mm)	Order Code	Colour	Duty Classification	Stiffness Class	#Joint Type	Mean Outside Diameter (mm)	Wall Thickness (mm)	Pack Qty
	50	CLEAR 50C SOE	● Clear Blue	N/A	N/A	Spigot/Socket SCJ	60.3	2.6	123
	100	TCSN6100.6 SOE	● Clear Blue	N/A	SN6	Spigot/Socket SCJ	110.2	3.2	67
	50	TC50.6 SOE	● Lilac	N/A	N/A	Spigot/Socket SCJ	55.8	2.6	150
	80	TC80.6 SOE	● Lilac	N/A	N/A	Spigot/Socket SCJ	82.6	3.0	88

IPLEX® PE FLEXIBLE COMMUNICATIONS DUCT

IPLEX PE FLEXIBLE COMMUNICATIONS DUCT (SALMON)

	Nominal Diameter (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (KN)
	25mm	Cableduct SA 25/22100	● Salmon	100m	17	25.1	1.7	1.0
	32mm	Cableduct SA 32/25.500	● Salmon	500m	11	32.1	3.2	2.2
	63mm	Cableduct SA 63/55.100	● Salmon	100m	17	63.3	4.0	5.5
	110mm	Cableduct SA 110/97.100	● Salmon	100m	17	110.5	7.0	16.8
	110mm	Cableduct SA 110/97.340**	● Salmon	340m	17	110.5	7.0	16.8

** Supplied as a Drum Coil

IPLEX PE FLEXIBLE COMMUNICATIONS DUCT (RED)

	Nominal Diameter (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (KN)
	25mm	COMMSDUCT Red 25/20.200	● Red	200m	11	25.1	2.5	1.3
	25mm	COMMSDUCT Red 25/20.500	● Red	500m	11	25.1	2.5	1.3
	32mm	COMMSDUCT Red 32/25.500	● Red	500m	11	32.1	3.2	2.2
	32mm	COMMSDUCT Red 32/27.200	● Red	200m	13.6	32.1	2.6	1.8
	50mm	COMMSDUCT Red 50/44.100	● Red	100m	17	50.2	3.2	3.5
	63mm	Cableduct Red 63/55.100	● Red	100m	17	63.3	4.0	5.5
	110mm	Cableduct Red 110/97.100	● Red	100m	17	110.5	7.0	16.8
	110mm	Cableduct Red 110/97.340**	● Red	340m	17	110.5	7.0	16.8

** Supplied as a Drum Coil

IPLEX PE FLEXIBLE COMMUNICATIONS DUCT (COLOUR RAL 3015 - LIGHT PINK)

	Nominal Diameter (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (KN)
	32mm	COMMSDUCT SAP 32/28.600	● Light Pink	600m	17	32.1	2.0	1.5
	63mm	Cableduct SAP 63/55.100	● Light Pink	100m	17	63.3	4.0	5.5

SECTION 7

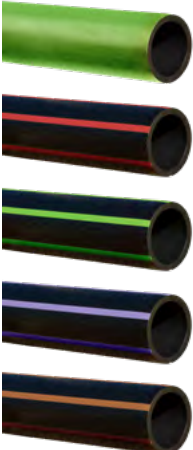
ENERGY & COMMUNICATIONS SYSTEMS

IPLEX® PE FLEXIBLE COMMUNICATIONS DUCT

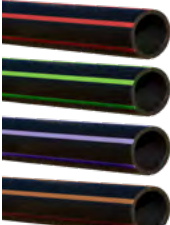
IPLEX PE FLEXIBLE COMMUNICATIONS DUCT (BLACK/WHITE STRIPES)

	Nominal Diameter (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (KN)
	32mm	Cable Duct 32/27.200 WTS	● Black /White stripes	200m	13.6	32.1	2.6	1.8
	32mm	Cable Duct 32/27.500 WTS	● Black /White stripes	500m	13.6	32.1	2.6	1.8

CHORUS BRANDED PE FLEXIBLE COMMUNICATIONS DUCT

	Size	Order Code	Colour	SDR Rating	Coil Length	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (KN)
	20mm	20021792	● Green	11	100	20.1	2.1	0.8
	20mm	20021793	● Green	11	200	20.1	2.1	0.8
	32mm	10012829	● Black with red stripes	13.6	1000	32.1	2.6	1.8
	32mm	10012829500	● Black with red stripes	13.6	500	32.1	2.6	1.8
	32mm	10012830	● Black with green stripes	13.6	1000	32.1	2.6	1.8
	32mm	10012830500	● Black with green stripes	13.6	500	32.1	2.6	1.8
	32mm	10012831	● Black with violet stripes	13.6	1000	32.1	2.6	1.8
	32mm	10012831500	● Black with violet stripes	13.6	500	32.1	2.6	1.8
	32mm	10012832	● Black with brown stripes	13.6	1000	32.1	2.6	1.8
	32mm	10012832500	● Black with brown stripes	13.6	500	32.1	2.6	1.8

NON - CHORUS BRANDED PE FLEXIBLE COMMUNICATIONS DUCT

	Nominal Diameter (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (KN)
	32mm	COMMSDUCT.32/27.1000RMS	● Black with red multistripe	1000m	13.6	32.1	2.6	1.8
	32mm	COMMSDUCT.32/27.1000GMS	● Black with green multistripe	1000m	13.6	32.1	2.6	1.8
	32mm	COMMSDUCT.32/27.1000LMS	● Black with violet multistripe	1000m	13.6	32.1	2.6	1.8
	32mm	COMMSDUCT.32/27.1000BRMS	● Black with brown multistripe	1000m	13.6	32.1	2.6	1.8

SECTION 7

ENERGY & COMMUNICATIONS SYSTEMS

IPLEX® PE FLEXIBLE COMMUNICATIONS DUCT

NON-CHORUS PE FLEXIBLE COMMUNICATIONS DUCT



OD (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (KN)
32	Teleduct PE32/25.100	● Lime Green	100m	11	32.1	3.2	2.2
32	Teleduct PE32/25.200	● Lime Green	200m	11	32.1	3.2	2.2
32	Teleduct PE32/25.500	● Lime Green	500m	11	32.1	3.2	2.2
32	Teleduct PE32/27.200	● Lime Green	100m	13.6	32.1	2.6	1.8
32	Teleduct PE32/27.500	● Lime Green	500m	13.6	32.1	2.6	1.8
32	Teleduct PE32/28.200	● Lime Green	200m	17	32.1	2.0	1.5
32	Teleduct PE32/28.500	● Lime Green	500m	17	32.1	2.0	1.5
40	Teleduct PE40/35.200	● Lime Green	200m	17	40.1	2.6	2.3
40	Teleduct PE40/35.300	● Lime Green	300m	17	40.1	2.6	2.3
50	Teleduct PE50/44.100	● Lime Green	100m	17	50.2	3.2	3.5
63	Teleduct PE63/55.50	● Lime Green	50m	17	63.3	4.0	5.5
63	Teleduct PE63/55.100	● Lime Green	100m	17	63.3	4.0	5.5
63	Teleduct PE63/55.150	● Lime Green	150m	17	63.3	4.0	5.5
110	Teleduct PE110/97.50	● Lime Green	50m	17	110.5	7.0	17.8
110	Teleduct PE110/97.100	● Lime Green	100m	17	110.5	7.0	17.8

SECTION 7

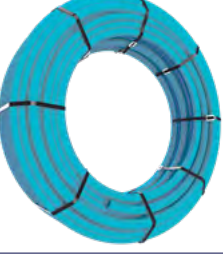
ENERGY & COMMUNICATIONS SYSTEMS

IPLEX® PE FLEXIBLE COMMUNICATIONS DUCT

SPARK BRANDED PE FLEXIBLE COMMUNICATIONS DUCT (COLOUR: PINK RAL4010)

	OD (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Internal Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (kN)
	110	SPARK DUCT PE110/97100	● Magenta	100m	17	110.5	96.5	7.0	5.5

VODAFONE/TELSTRACLEAR BRANDED PE FLEXIBLE COMMUNICATIONS DUCT

	OD (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Internal Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (kN)
	110	CLEAR 110/97100	● Light Blue	100m	17	110.5	96.5	7.0	17.8
	110	CLEAR 110/97340	● Light Blue	340m##	17	110.5	96.5	7.0	17.8

Drum coil

IPLEX® PVC-U COMMUNICATIONS BENDS & FITTINGS

CHORUS BRANDED PVC-U COMMUNICATIONS BENDS

		Size	Order Code	Colour	Pack Qty
20mm Formed Bend F&F		20mm x 90° ROC* 240	10012582	● Green	1
		20mm x 90° ROC* 400	10013280	● Green	1
		20mm x 90° ROC* 530	10012939	● Green	1
		20mm x 90° ROC* 100	10013279	● White	1
		20mm x 90° ROC* 300	10012940	● White	1
50mm Formed Bend M&F		50mm x 30° ROC* 350	10013084	● Green	1
		50mm x 45° ROC* 200	10013087	● Green	1
		50mm x 45° ROC* 350	10013086	● Green	1
		50mm x 45° ROC* 900	10013100	● Green	1
		50mm x 90° ROC* 350	10013088	● Green	1
		50mm x 90° ROC* 900	10013099	● Green	1
100mm Formed Bend M&F		100mm x 22° ROC* 900	10013098	● Green	1
		100mm x 30° ROC* 300	10013091	● Green	1
		100mm x 45° ROC* 300	10013093	● Green	1
		100mm x 90° ROC* 350	10011337**	● Green	1
		100mm x 90° ROC* 400	10013095	● Green	1
		100mm x 90° ROC* 900	10013094	● Green	1
		100mm x 90° ROC* 601	10013096	● Green	1

*ROC = Radius of Curvature

SECTION 7

ENERGY & COMMUNICATIONS SYSTEMS

IPLEX® PVC-U COMMUNICATIONS BENDS & FITTINGS

CHORUS BRANDED PVC-U COMMUNICATIONS FITTINGS

		Size	Order Code	Colour	Pack Qty
		50mm	10013109	● Green	1
Reducing Saddle		50mm x 20mm	10012938	● Green	1
Dust Cap		50mm	P4004	● Black	1
		100mm	P4005	● Black	1

WHITE PVC-U COMMUNICATIONS BENDS

		Size	Order Code	Colour	Pack Qty
	 CD8032045	20 x 45°	CD8032045	● White	1
	 CD8032090	20 x 90°	CD8032090	● White	1

PLASSON FITTINGS FOR PE COMMUNICATIONS DUCTS

PLASSON COMPRESSION COUPLINGS FOR PE COMMUNICATIONS DUCTS

		Size	Order Code	Colour	End load restrained	Full pipe bore available
Plain Coupling		32	2510.32	● Black	Yes	Yes
		63	2510.63	● Black	Yes	Yes
		110	2510.110	● Black	Yes	Yes
		125	2510.125	● Black	Yes	Yes
Slip (Repair) Coupling		32	2511.32	● Black	Yes	Yes
		63	2511.63	● Black	Yes	Yes

SECTION 7

ENERGY & COMMUNICATIONS SYSTEMS

IPLEX POLIGAS® PE GAS PIPE-METRIC DIMENSION

IPLEX POLIGAS® PE GAS PIPE - METRIC (OD) DIMENSION

Free Standing Coil  Straight Length 	Nominal Outside Diameter (mm)	Order Code	Coil Length	Outside Diameter (mm)	Colour	SDR
	25mm	230.25SDR11.150	150m	25.1	● Yellow	11
	32mm	230.32SDR11.150	150m	32.1	● Yellow	11
	63mm	230.63SDR11.150	150m	63.3	● Yellow	11
	110mm**	230.110SDR11.15BY	15m	110.5	● Black with Yellow Stripes	7

Manufactured to AS/NZS 4130 Series 1

** Straight lengths

IPLEX POLIGAS® PE GAS PIPE-IMPERIAL (NOMINAL ID) DIMENSION

PE GAS PIPE - IMPERIAL (NOMINAL ID) DIMENSION

Free Standing Coil 	Nominal Internal Diameter (mm)	Order Code	Coil Length	Outside Diameter (mm)	Colour	SDR
	10mm	200.10.150.9 IMP	150m	15.7 - 16.0	● Yellow	9
	15mm	200.15.150.9 IMP SPL*	150m	21.4 - 21.7	● Yellow	9
	20mm	200.20.150.11 IMP	150m	26.6 - 26.9	● Yellow	11
	25mm	200.25.150.11 IMP	150m	33.4 - 33.7	● Yellow	11
	32mm	200.32.50.11 IMP	50m	88.7 - 89.2	● Yellow	11
	32mm	200.32.150.11 IMP	150m	42.1 - 42.4	● Yellow	11
	50mm	200.50.100.11 IMP	100m	60.2 - 60.5	● Yellow	11
	80mm	200.80.100.11 IMP	100m	88.7 - 89.2	● Yellow	11
	100mm	200.100.100.11 IMP	100m	114.1 - 114.7	● Yellow	11

Manufactured to AS/NZS 4130 Series 3 (Nominal Internal Diameter Series)

*This SDR not included in AS/NZS4130, but is fully mechanically compliant with AS/NZS4130

SECTION 7

ENERGY & COMMUNICATIONS SYSTEMS

IPLEX POLIGAS® PE GAS PIPE

Drum Coil 	Nominal Internal Diameter (mm)	Order Code	Coil Length	Outside Diameter (mm)	Colour	SDR
	100mm	200.100.430.11 IMP	430m	114.1 - 114.7	● Yellow	11

Drum Coils may be available in other sizes subject to minimum order quantity. Contact Iplex NZ for availability.

Straight Lengths 	Nominal Outside Diameter (mm)	Order Code	Length	Outside Diameter (mm)	Colour	SDR	Pack Qty
	32mm	200.32.6.11 IMP*	6m	42.1 - 42.4	● Yellow	11	5
	50mm	200.50.6.11 IMP*	6m	60.2 - 60.5	● Yellow	11	3
	80mm	200.80.6.11 IMP*	6m	88.7 - 89.2	● Yellow	11	1
	80mm	200.80.12.11 IMP*	12m	88.7 - 89.2	● Yellow	11	1
	100mm	200.100.6.11 IMP*	6m	114.1 - 114.7	● Yellow	11	1
	100mm	200.100.12.11 IMP*	12m	114.1 - 114.7	● Yellow	11	1
	150mm	200.150.12.11 IMP*	12m	168.4	● Yellow	11	1

* Manufactured to AS/NZS 4130 Series 3 (Nominal Internal Diameter Series)

Manufactured to AS/NZS 4130 Series 1

NOTES



JOINTING ACCESSORIES

SECTION 8

JOINTING ACCESSORIES FOR PIPES

NOVAKEY® PVC SOLVENT CEMENT (PRESSURE APPLICATIONS)

	Order Code	Size (ml)	No. in box
	9100.125P*	125ml	10
	9100.250P*	250ml	10
	9100.500P*	500ml	10
	9100.4P	4 litres	4
*Contains internal brush Note: Iplex PVC Solvent Cement must always be used in conjunction with Iplex Cleaner Primer to achieve a good quality joint.			

solvent cement (blue)

NOVAKEY® PVC SOLVENT CEMENT (NON PRESSURE APPLICATIONS)

	Order Code	Size (ml)	No. in box
	9100.125NP*	125ml	10
	9100.250NP*	250ml	10
	9100.500NP*	500ml	10
	9100.4NP	4 litres	4
*Contains internal brush Note: Iplex PVC Solvent Cement must always be used in conjunction with Iplex Cleaner Primer to achieve a good quality joint.			

solvent cement (clear)

NOVALUBE™ PIPE JOINTING LUBRICANT (NON-POTABLE WATER)

	Order Code	Size (ml)	No. in box
	9136.500	500ml	18
	9136.2	2 litres	6
	9136.4	4 litres	2
Suitable for use on rubber ring joints in non-potable water pipelines, stormwater and sewer applications.			

pipe lubricant

SECTION 8

JOINTING ACCESSORIES FOR PIPES

MEDLUBE™ PIPE JOINTING LUBRICANT (POTABLE WATER)

	Order Code	Size (g)	Type	No. in box
	9137.275	275gm	Tube	38
	9137.500	500gm	Pot	12
	9137.2	2kg	Jug	6
	9137.4	4kg	Jug	4
med lube	Suitable for use on rubber ring joints in potable water pipelines and pressure applications.			

NOVAKEY® CLEANER PRIMER (CLEAR)

	Order Code	Size (ml)	No. in box
	9101.250*	250ml	10
cleaner primer (clear)	*Contains internal brush Note: Iplex Cleaner Primer must always be used in conjunction with Iplex Solvent Cement to achieve a good quality joint.		

NOVAKEY® CLEANER PRIMER (PURPLE)

	Order Code	Size (ml)	No. in box
	9101C.500*	500ml	10
cleaner primer (purple)	*Contains internal brush Note: The purple colour provides visual proof of use during the jointing process. Iplex Cleaner Primer must always be used in conjunction with Iplex Solvent Cement to achieve a good quality joint.		

IPLEX® QUALITY MANAGEMENT SYSTEMS

Quality Assurance

Supplying products of consistently high quality is at the forefront of what we do at Iplex®, and central to our customer promise that Iplex® product quality meets or exceeds standards claimed.

All Iplex® manufacturing plants operate under a strict ISO 9001 Quality Management System (QMS). External certifying bodies carry out regular audits to provide third-party certification of the Company's QMS. Continued third-party product certification of Iplex® plastic pipeline products to relevant Australian & New Zealand standards, is also provided by these bodies.

The Iplex® laboratory is an IANZ accredited facility, providing added assurance that any measurement and testing is carried out professionally and in a technically reliable manner in accordance with international standards.



APPLICABLE STANDARD	LICENCE TYPE	LICENCE NUMBER	CONFORMITY ASSESSMENT BODY
ISO 9001:2015	QMS Accreditation	QEC4169	SAI Global
ISO/IEC 17025:2017	IANZ Accreditation	ACCREDITATION NUMBER 61	IANZ
BEST ENVIRONMENTAL PRACTICE-PVC	BEP-PVC	SPROD40057	SAI Global
AS/NZS 1254:2010	StandardsMark™	SMKP20126 & SMKP20180	SAI Global
AS/NZS 1260:2017	StandardsMark™	SMKP20184, SMKP20185 & SMK1305	SAI Global
AS/NZS 1260:2017	WaterMark	WM 74530	ApprovalMark International
AS/NZS 1477:2017	StandardsMark™	SMK02569 & SMKP20181	SAI Global
AS/NZS 1477:2017	WaterMark	WM 74868	ApprovalMark International
AS/NZS 4130:2018	StandardsMark™	SMKP20400	SAI Global
AS/NZS 4441:2017	StandardsMark™	SMKP20682	SAI Global
AS/NZS 4765:2017	StandardsMark™	SMK02570	SAI Global

ABOUT IPLEX

IPLEX® PIPELINES NZ THE COMPANY

Iplex® is one of New Zealand's leading manufacturers and suppliers of plastic pipeline systems. Iplex® provides products and services throughout New Zealand and to export markets around the Pacific and other international markets. Iplex® has manufacturing operations in Palmerston North, Christchurch and Ashburton, as well as access to the Iplex® Australian network.

Iplex® has been manufacturing plastic products since 1938 and in the early 1960's was a pioneer in the introduction of plastic pipeline systems into the New Zealand and Australian markets.

Iplex® services the following industry sectors:

Civil: Iplex® provides a wide range of solutions for wastewater, drainage and potable water pipeline projects. Manufacturing both PE (Polyethylene) & PVC (Polyvinylchloride) for both pressure and non-pressure (gravity fed) pipeline systems including civil infrastructure, drainage systems and roading systems.

Rural: Iplex® also service the rural market providing pipes and fittings for rural use. Iplex® provide systems for irrigation, stock water, land drainage, culverts and farm dairy effluent.

Plumbing: The Iplex® plumbing sector covers pipes and fittings used within the property boundary. This includes reticulation of potable and non-potable water, sanitary plumbing, wastewater, drainage and gas reticulation. Iplex® have the capabilities of supplying drain, waste and vent pipes and fittings, rainwater systems, traps and accessories.

Energy and Communications: an important sector for Iplex® NZ with a wide range of conduits, ducts and fittings available for new development and maintenance projects. The range covers electrical, communication and gas.



Iplex® Pipelines manufacturing plant and distribution hub in Palmerston North, New Zealand.

BUILDING CODE - DURABILITY

NEW ZEALAND BUILDING CODE - DURABILITY

The New Zealand Building Code places the responsibility on manufacturers to clearly state:

- a. the conditions for which products are or are not suitable;
- b. the durability and frequency of maintenance for the products' continued acceptable performance.

The Building Code categorises Durability in the following way:

Clause B2.3.1

Building elements must, with only normal maintenance, continue to satisfy the performance requirements of this code for the lesser of the specified intended life of the building, if stated, or:

- a. The life of the building, being not less than 50 years, if:
 - i. Those building elements (including floors, walls, and fixings) provide structural stability to the building, or
 - ii. Those building elements are difficult to access or replace, or
 - iii. Failure of those building elements to comply with the Building Code would go undetected during both normal use and maintenance of the building.
- b. 15 years if those building elements, including exposed plumbing in the subfloor space, are moderately difficult to access or replace
- c. 5 years if the building elements, including services, are easy to access and replace.

Iplex® Pipelines have adopted the following clauses for products such as the pipe and fittings that we manufacture.

Durability

The pipe or fitting will have a service life that is compatible with other pipe and fittings manufactured to the relevant AS/NZS Standard and any other recognised Standard if appropriate.

Thus correctly designed and installed drainage or pressure systems using Iplex® Pipelines' pipes or fittings will satisfy the performance requirements of both N.Z.B.C. Clause B2.3.1 (a) (50 years - services which are difficult to access or replace) and N.Z.B.C. Clause B2.3.1 (b) (15 years - services which are moderately difficult to access or replace).

Clauses (a) and (b) cover the majority of applications for products of our own manufacture, with the exception of rainwater pipes used above ground which satisfy the requirements of N.Z.B.C. Clause B 2.3 (c). (5 years - services which are easy to access and replace

UNSUITABLE APPLICATIONS

1. Iplex® Pipelines PVC pressure pipes should not be used:

- i. As a conductor for earthing electrical appliances
- ii. With aromatic and chlorinated hydrocarbons, ketones, esters and ethers - refer to 'A guide to chemical resistance of thermoplastic and elastomeric materials' - available from Iplex® Pipelines
- iii. At continuous service temperature above 60°C (PVC-U) or 55°C (PVC-M) or 50°C (PVC-O)
- iv. Where provision for pressure derating has not been made above 25°C
- v. With any compressed air, or any gas applications
- vi. Without adequate support to the pipe both in above ground and below ground applications
- vii. Without adequate thrust support in above ground and below ground applications
- viii. Where depth of cover is less than:
 - 300mm where pipeline is not subject to vehicular loading
 - 450mm where pipeline is subject to vehicular loading not in roadways
 - 600mm where pipeline is subject to vehicular loading in sealed roadways
 - 750mm where pipeline is subject to vehicular loading in unsealed roadways
 - 750mm where pipeline is subject to construction equipment loading
- ix. Where working pressure + surge/cyclic pressure and dynamic pressure stresses exceed the nominated pressure/ performance rating, or exceed the dynamic stress (fatigue) performance capability of the pipe (POP -101)
- x. When exposed to direct sunlight for service applications, or storage exceeding 24 months from the date of manufacture, without protection. This protection in storage can include hessian or canvas covers to allow adequate cooling air circulation. Do not use plastic sheet or film covers which may heat and damage the pipe. Weathering protection in service can include physical shading such as under bridges or structures, or pale coloured U.V. resistant, water based, paint systems
- xi. With any service connection directly tapped into the pipe wall

2. Iplex® Pipelines polyethylene pressure pipes should not be used:

- i. As a conductor for earthing electrical appliances
- ii. All fire-rated applications
- iii. Transportation of automotive fuels
- iv. Transportation of drinking water in ground contaminated by automotive fuels, oils or synthetic hydrocarbons
- v. Coloured pipe or coloured stripe pipe (except black pipe) when exposed to direct sunlight for service applications, or storage exceeding 24 months from the date of manufacture, without protection. This protection in storage can include hessian or canvas covers to allow adequate cooling air circulation. Do not use plastic sheet or film covers which will heat and damage the pipes. Protection in service can include physical shading such as location under bridges or structures, or pale coloured U.V. resistant, water based, paint systems
- vi. Continuous service above 40°C internal or external temperature.
- vii. Pressure pipes in continuous services up to 40°C internal or external temperature, where provision for pressure derating has not been made
- viii. Carrying chemicals outside the range advised by Iplex® Pipelines
- ix. Without adequate support to the pipe in above ground and below ground applications
- x. Where working pressure + surge/cyclic pressure and dynamic pressure stresses exceed the nominated pressure/ performance rating, or exceed the dynamic stress (fatigue) performance capability of the pipe (POP -010A) or fittings (POP -010B)
- xi. In below ground applications where depth of cover is less than:
 - 300mm where pipeline is not subject to vehicular loading
 - 450mm where pipeline is subject to vehicular loading not in roadways
 - 600mm where pipeline is subject to vehicular loading in sealed roadways
 - 750mm where pipeline is subject to vehicular loading in unsealed roadways
 - 750mm where pipeline is subject to construction equipment loading
- xii. In Slip Lining Applications using pressure grouting, where provision for internal structural support of the pipe by hydrostatic pressure has not been made.
- xiii. In Horizontal Directional Drilling applications where the maximum safe axial tensile load for the pipe, advised by Iplex® Pipelines, has been exceeded
- xiv. Plasson Series 1 mechanical fittings when exposed to direct sunlight

3. Iplex® Pipelines PVC Drain, Waste & Vent pipes, should not be used:

- i. With aromatic and chlorinated hydrocarbons, ketones, esters and ethers
- ii. For any pumped pressure applications
- iii. At continuous service temperatures above 60°C or for intermittent discharges of liquid above 75°C
- iv. Without adequate support to the pipe in either, above ground or, below ground applications
- v. In below ground applications (without added protection,) where depth of cover is less than:
 - 300mm where pipeline is not subject to vehicular loading
 - 450mm where pipeline is subject to vehicular loading not in roadways
 - 600mm where pipeline is subject to vehicular loading in sealed roadways
 - 750mm where pipeline is subject to vehicular loading in unsealed roadways
 - 750mm where pipeline is subject to construction equipment loading
- vi. when exposed to direct sunlight for service applications, or storage exceeding 24 months from the date of manufacture, without protection. In storage, this protection can include hessian or canvas covers to allow adequate cooling air circulation. Do not use plastic sheet or film covers which will heat and damage the pipes. Protection in service can include physical shading such as under bridges or structures, or pale coloured U.V. resistant, water based, paint systems.

4. Iplex® PVC and PE Electrical Conduits and Ducts and PVC or PE Communication Ducts 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
- iv. Conduits and Ducts coloured orange and all Communications Ducts when exposed without protection from direct sunlight for service applications, or storage exceeding 12 months from the date of manufacture. This protection in storage can include hessian or canvas covers to allow adequate cooling air circulation. Do not use plastic sheet or film covers which will heat and damage the pipes. Protection in service 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.

Note: *Unprotected coloured PVC ducts including orange, green, red, lilac and salmon will exhibit some colour fading (whitening) of directly exposed surfaces during medium term storage.*

Exposed Pole Riser Applications for Electrical and Communications ducts *Iplex Novadrain DWV pipe to AS/NZS 1260 or Iplex Novakey PVC-U pressure pipe PN 15 to AS/NZS 1477 can be used for permanently exposed protective ducts for Pole Riser applications without painting or shading.*

DEFINITION OF TERMS USED

B	Black PE pipe with no external stripes or jacket	PE	Polyethylene
BMS	Black PE pipe, with multiple blue external stripes	PE80	MRS 8 Polyethylene resin (formerly MDPE) to AS/NZS 4131 and conforming to PIPA POP 004
BSP	British Standard Pipe Thread	PE100	MRS 10 Polyethylene resin to AS/NZS 4131 and conforming to PIPA POP 004
CMS	Black PE pipe with multiple cream external stripes	PN	Nominal Maximum Working Pressure (Bar)
CX	PE pipe with Co-Extruded coloured jacket on black inner	PVC-M	Modified Polyvinylchloride
DN	Nominal Diameter (mm)	PVC-O	Oriented Polyvinylchloride
DWV	Drain Waste and Vent	PVC-U	Unplasticised Polyvinylchloride
F&F	Female & Female	RRJ	Rubber Ring Joint
ID	Inside diameter	SCJ	Solvent Cement Joint
LDPE	Low Density Polyethylene	SDR	Standard Dimension Ratio = <u>Maximum Mean Outside Diameter</u> Minimum Wall Thickness
LMS	Black PE pipe with multiple Lilac external stripes	SN	Minimum Pipe Stiffness Class as defined in AS/NZS 1260 (KN/m ²)
M&F	Male & Female	SOE	Socketed One End (For Solvent Cement Jointing)
OD	Outside diameter		

MAXIMUM ALLOWABLE WORKING PRESSURE CONVERSION TABLE

PN	BAR	METRES HEAD	PVC PIPE MATERIAL	KPA	P.S.I	FORMER PRESSURE CLASS
6	6	60	PVC-U, & PVC-M	600	87	B
6.3	6.3	63	PVC-O	630	91	
9	9	90	PVC-U & PVC-M	900	130	C
10	10	100	PVC-O	1000	145	
12	12	120	PVC-U & PVC-M	1200	174	D
12.5	12.5	125	PVC-O	1250	181	
15	15	150	PVC-U & PVC-M	1500	217	E
16	16	160	PVC-O & PVC-M	1600	232	
18	18	180	-	1800	261	F
20	20	200	-	2000	290	G
			PE PIPE MATERIAL			
5	5	50	LDPE	500	72	
6.3	6.3	63	PE100	630	91	
7	7	70	LDPE	700	101	
8	8	80	LDPE, PE 100	800	116	
9	9	90	LDPE, PE 100	900	130	
10	10	100	PE100	1000	145	
12.5	12.5	125	PE80, PE100	1250	181	
16	16	160	PE100	1600	232	
20	20	200	PE100	2000	290	
25	25	250	PE100	2500	362	

PRODUCT CATALOGUE, JUNE 2024

LIMITATIONS

The information contained in this document is current as at June 2024 and is based on data available to Iplex® Pipelines NZ Ltd at the time of going to print.

All photographic images are intended to provide a general impression only, and should not be relied upon as an accurate example of Iplex® Pipelines NZ Ltd products, installed in accordance with this document or the referenced compliance documents.

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TRADEMARKS

The name Iplex, Apollo, Aquacell, Blackline, Blueline, Farmtuff, Greenline, Nexus, Nexusflo, Novacoil, Novadrain, Novaflo, Novakey, Poligas, Poliplex, Polyflow, Redline, Restrain, Rhino, Stormfit and Superstorm are registered trade marks of Fletcher Building Holdings Limited.

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