

# PRODUCT CATALOGUE



A scenic landscape featuring a road winding through a valley with hills in the background. The sky is overcast. A dark blue rectangular overlay is positioned in the center of the image, containing white text. A thin yellow horizontal line is located below the text. In the foreground, a white post with a red band is visible on the right side of the road.

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

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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
	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

rubber ring joint

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
	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

rubber ring joint

APOLLO PN10 (1000kPa, 145 PSI)	Order Code	Size (mm) x Length (m)	Pack Qty
	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

rubber ring joint

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
	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
	1880.300PN12.5.6	300 x 6	6

rubber ring joint

APOLLO BLUE PN16 (1600kPa, 232 PSI)	Order Code	Size (mm) x Length (m)	Pack Qty
	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
	1880.300PN16.6	300 x 6	6

rubber ring joint

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 & rubber ring 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
	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 & rubber ring 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
	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, 173PSI)	Order Code	Size (mm) x Length (m)	Pack / Bundle Qty	SOE	RRJ
 solvent cement & rubber ring joint	800.32PN12.6	32 x 6	210/10*	yes	
	800.40PN12.6	40 x 6	225/5*	yes	yes
	800.50PN12.6	50 x 6	123	yes	yes
	800.65PN12.6	65 x 6	56	yes	yes
	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 & rubber ring 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	
	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 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 & rubber ring joint	850.100PN66**	100 x 6	40	yes	yes
	850.125PN6.6	125 x 6	32		yes
	850.150PN66**	150 x 6	28		yes
	850.175PN6.6	175 x 6	20		yes
	850.200PN66**	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 & rubber ring joint	850.100PN96**	100 x 6	40	yes	yes
	850.125PN9.6	125 x 6	32		yes
	850.150PN96**	150 x 6	28		yes
	850.175PN9.6	175 x 6	20		yes
	850.200PN96**	200 x 6	15		yes
	850.225PN9.6	225 x 6	12		yes
	850.250PN9.6	250 x 6	12		yes
	850.300PN96**	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, 173PSI)	Order Code	Size (mm) x Length (m)	Pack/Bundle Qty	SOE	RRJ
 solvent cement & rubber ring joint	850.100PN126**	100 x 6	40	yes	yes
	850.125PN12.6	125 x 6	32		yes
	850.150PN126**	150 x 6	28	yes	yes
	850.175PN12.6	175 x 6	20		yes
	850.200PN126**	200 x 6	15	yes	yes
	850.225PN12.6	225 x 6	12		yes
	850.250PN12.6	250 x 6	12		yes
	850.300PN126**	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 & rubber ring joint	850.100PN156**	100 x 6	40	yes	yes
	850.125PN15.6	125 x 6	32		yes
	850.150PN156**	150 x 6	28		yes
	850.175PN15.6	175 x 6	20		yes
	850.200PN156**	200 x 6	15		yes

Seal Rings included in pipe price  
\*\* Availability subject to conversion to PVC-O

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
	860.100	100	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, 173PSI)	Order Code	Size (mm) x Length (m)	Pack Qty
 rubber ring joint	1850.100PN12.6 RRJ**	100 x 6	32
	1850.150PN12.6 RRJ**	150 x 6	18
	1850.200PN12.6 RRJ**	200 x 6	15
	1850.250PN12.6 RRJ**	250 x 6	12
	1850.300PN12.6 RRJ**	300 x 6	6

Factory Fitted Seal Rings included in pipe price  
\*\* Availability 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
 plain 22° elbow F&F	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 45° 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 coupler F&F	8810.150	150	1
	8810.175	175	1
	8810.225	225	1
	8810.300	300	1
	8810.375	375	1

	Order Code	Size (mm)	Ctn/ Bag Qty
 slip/repair coupler F&F	8811.150	150	1
	8811.175	175	1
	8811.225	225	1
	8811.300	300	1
	8811.375	375	1
 reducing socket 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

# 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
	801.150.90	150	2	12
801.200.90*	200	2	10	
 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
801.150.45	150	2	12	
801.200.45*	200	2	10	
 plain 90° tee F&F	804.15	15	300/10	18
	804.20	20	150/10	18
	804.25	25	100/10	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	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
	805.100.50	100 x 50	4	15
	806.15	15	200/20	18
 faucet coupling F&F##	806.20	20	300/20	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

# 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)
 <b>compression coupling F&amp;F</b>	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	1	12
	* Rubber Ring compression style joint. These fittings can be purchased individually			
 <b>plain coupler F&amp;F</b>	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
	810.100	100	10	15
	810.150	150	2	12
 <b>socket union F&amp;F</b>	811.15	15	160/20	18
	811.20	20	140/20	18
	811.25	25	80/20	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)
 <b>valve socket F&amp;F##</b>	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
	813.100	100	16	15
	813.150	150	4	12
 <b>valve spigot M&amp;M##</b>	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
	817.100	100	10	15
 <b>threaded bush M&amp;F##</b>	818.20.15	20x15	800/10	18
	818.25.20	25x20	400/10	18
 <b>reducing socket F&amp;F</b>	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

# 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)
 reducing bush M&F	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
	824.50.40	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	
 full face flange F (use with 842 gasket)	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
 stub flange F (use with 827 backing ring & 845 gasket)	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
	826.175*	175	6	10
	826.200*	200	6	10
	826.225*	225	6	10
	826.300*	300	3	10

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

	Order Code	Size (mm)	Ctn / Bag Qty	Pressure Rating (Bar)	
 metal backing ring for 826 stub flange drilled to AS2129 (BS10) table E	827.50	50	100		
	827.65	65	100/10		
	827.80	80	100/10		
	827.100	100	100/10		
	827.125	125	10		
	827.150	150	100/10		
	827.200	200	1		
	827.300	300	1		
	 plain end cap F	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		
 threaded end plug M##	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	24	15		
 pipe clip	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

# 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
	845.175	175	1
	845.200	200	1
	845.225	225	1
	845.300	300	1

Maximum working pressure size range:

NOVAKEY Moulded PVC-U fittings (except as stated to the left)

15-50mm .....1800kPa, PN18

65-125mm .....1500kPa, PN15

150mm .....1200kPa, PN12

2000mm .....1000kPa, PN10

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

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



# PE PRESSURE SYSTEMS

# SECTION 2

## PE PRESSURE SYSTEMS

### IPLEX POLIPEX® 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) #
 <b>black pipe - lengths</b>	3500.75	75	B, CX, MS	8, 10, 12.5, 16,	200	1000
	3500.90	90	B, CX, MS	8, 10, 12.6, 16, 20, 25	100	850
	3500.110	110	B, CX, MS	8, 10, 12.5, 16,	100	600
 <b>CX blue pipe - lengths</b>	3500.125	125	B, CX, MS	10, 12.5, 16, 20	18, 100	500
	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	
 <b>CX blue pipe - with end caps</b>	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	
	3500.225	225	B, CX, MS	6.3, 8, 10, 12.5, 16,	18	
 <b>black pipe - coils</b>	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	
 <b>CX blue pipe - coils</b>	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	
 <b>MS blue stripe pipe - coils</b>	3500.500	500	B, CX, MS	6.3, 8, 10, 12.5, 16, 20,	17, 18	
	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	
	3500.800	800	B B, CX, MS	6.3, 8, 10, 12.5, 16	15	
	3500.900	900	B	6.3, 8, 10, 12.5, 16	15	
	3500.1000	1000	B	6.3, 8, 10, 16	15	
	3500.1200	1200	B	6.3, 8, 10	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, minimum 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, minimum 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)
 <p><b>CMS cream multi-striped pipe</b></p>	3100.40	40	CX, CMS	16	100, 700	
	3100.50	50	CX, CMS	16	100, 300	
	3100.63	63	CX, CMS	16	100, 200	
	3100.75	75	CX, MS	12.5, 16	200	1000
	3100.90	90	CX, MS	12.6, 16	100	850
	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	
 <p><b>CX cream jacket pipe</b></p>	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	
 <p><b>Black pipe - drum coil</b></p>	3100.630	630	CX, MS	12.5, 16	14, 16, 18	
	3100.710	710	CX, MS	12.5, 16	12, 15	
	3100.800	800	CX, MS	12.5, 16	12, 15	
	3100.900	900	MS	12.5, 16	12, 15	
	3100.1000	1000	MS	12.5, 16	12, 15	
	3100.1200	1200	MS	12.5, 16	12	
	3100.1400	1400	MS	12.5, 16	12	
	3100.1600	1600	MS	12.5, 16	12	
	3100.1800	1800	MS	12.5, 16	12	
	3100.2000	2000	MS	12.5, 16	12	

#### # 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, minimum 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, minimum 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)
 <p><b>black pipe -100m lengths manufactured on site</b></p>	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, 12.5, 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
	3500.ME200	200	B, CX, MS	4, 6.3, 8, 10, 12.5, 16	22
 <p><b>Iplex NZ Mobile Extrusion Factory</b></p>	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
	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
3500.ME710	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, minimum 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

(MDPE) PN 12.5

	Order Code	Size (mm)	Coil length (m)
	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
	<b>CX blue jacket pipe PN12.5</b>		

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 PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/Bag	Pressure Rating (Bar)
<b>90° elbow F&amp;F</b> 	3501.20	20mm	200/50	16
	3501.25	25mm	160/40	16
	3501.32	32mm	100/25	16
	3501.40	40mm	65/1	16
	3501.50	50mm	40/1	16
	3501.63	63mm	25/1	16
<b>female threaded branch tee F&amp;F&amp;F</b> 	3503.20.15	20mm x 1/2"	200/50	16
	3503.25.15	25mm x 1/2"	140/35	16
	3503.25.20	25mm x 3/4"	140/35	16
	3503.32.25	32mm x 1"	80/20	16
<b>90° tee F&amp;F&amp;F</b> 	3504.20	20mm	140/35	16
	3504.25	25mm	100/25	16
	3504.32	32mm	60/15	16
	3504.40	40mm	45/1	16
	3504.50	50mm	30/1	16
	3504.63	63mm	14/1	16
<b>reducing tee F&amp;F&amp;F</b> 	3505.25.20	25 x 20 x 25mm	120/30	16
	3505.32.20	32 x 20 x 32mm	80/20	16
	3505.32.25	32 x 25 x 32mm	80/20	16
<b>female threaded adaptor F&amp;F</b> 	3506.20.15	20mm x 1/2"	340/85	16
	3506.25.20	25mm x 3/4"	280/70	16
	3506.32.25	32mm x 1"	200/50	16
	3506.40.32	40mm x 1 1/4"	135/1	16
	3506.50.40	50mm x 1 1/2"	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 PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
 <b>90° male threaded elbow M&amp;F</b>	3507.25.20	25mm x ¾"	240/60	16
	3507.32.25	32mm x 1"	180/45	16
 <b>90° female threaded elbow F&amp;F</b>	3508.20.15	20mm x ½"	240/60	16
	3508.25.15	25mm x ½"	220/55	16
	3508.25.20	25mm x ¾"	200/50	16
	3508.32.25	32mm x 1"	160/40	16
	3508.50.40	50mm x 1½"	60/1	16
3508.63.50	63mm x 2"	35/1	16	
 <b>female wingback adaptor F&amp;F</b>	3509.20.15	20mm x ½"	160/40	16
 <b>coupling F&amp;F</b>	3510.20	20mm	260/65	16
	3510.25	25mm	200/50	16
	3510.32	32mm	120/30	16
	3510.40	40mm	90/1	16
	3510.50	50mm	55/1	16
	3510.63	63mm	30/1	16
 <b>universal slip repair coupling F&amp;F</b>	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)
 <b>universal coupling F&amp;F</b>	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
 <b>male threaded adaptor M&amp;F</b>	3513.20.15	20mm x ½"	340/85	16
	3513.25.20	25mm x ¾"	280/70	16
	3513.32.25	32mm x 1"	200/50	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
 <b>reducing coupler F&amp;F</b>	3523.25.20	25mm x 20mm	200/50	16
	3523.32.20	32mm x 20mm	160/40	16
	3523.32.25	32mm x 25mm	160/40	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	
 <b>end plug F</b>	3530.20	20mm	360/90	16
	3530.25	25mm	300/75	16
	3530.32	32mm	220/55	16
	3530.40	40mm	150/1	16
	3530.50	50mm	100/1	16
	3530.63	63mm	55/1	16
 <b>wrench plasson series 1</b>	Wrench20.32*	20mm x 32mm	300/1	-
	Wrench40.63*	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 PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)	
 <b>90° elbow F&amp;F</b>	2501.20	20	200/10	16	
	2501.25	25	150/10	16	
	2501.32	32	100/5	16	
	2501.40	40	60/1	16	
	2501.50	50	35/1	16	
	2501.63	63	24/1	16	
	2501.75	75	12/1	16	
	2501.90	90	8/1	16	
 <b>90° slip tee F&amp;F&amp;F</b>	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	
	 <b>female threaded branch tee F&amp;F&amp;F</b>	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	
 <b>90° plain tee F&amp;F&amp;F</b>	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)
 <b>reducing branch tee F&amp;F&amp;F</b>	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
 <b>female threaded adaptor F&amp;F</b>	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	
 <b>90° male threaded elbow M&amp;F</b>	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
 <b>90° female threaded elbow F&amp;F</b>	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	
 <b>female wingback adaptor F&amp;F</b>	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 PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
 <b>coupling F&amp;F</b>	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
 <b>coupling F&amp;F (160mm)</b>	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
	2510.160	160	2/1	10
	 <b>slip/coupling F&amp;F</b>	2511.20	20	240/10
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
 <b>universal coupling F&amp;F</b>	25122515-22	25 x 15-22	90/1	10
	25122520-27	25 x 20-27	80/1	10
	25122527-35	25 x 27-35	60/1	10
	25123227-35	32 x 27-35	60/1	10
	25125035-50	50 x 35-50	20/1	10
 <b>male threaded adapter M&amp;F</b>	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)
 <b>20-50mm</b>	2519.25.20	25mm 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
	2519.63.15	63 x 1/2"	70/1	12.5
	2519.63.20	63 x 3/4"	70/1	12.5
	2519.63.25	63 x 1"	70/1	12.5
	2519.63.32	63 x 1 1/4"	70/1	12.5
	2519.63.40	63 x 1 1/2"	60/1	12.5
	2519.75.25	75 x 1"	55/1	10
	2519.75.50	75 x 2"	50/1	10
 <b>63-110mm</b>	2519.90.25	90 x 1"	45/1	10
	2519.90.50	90 x 2"	40/1	10
	2519.110.25	110 x 1"	36/1	10
	2519.110.32	110 x 1 1/4"	36/1	10
<b>female threaded branch saddle</b>	2519.110.40	110 x 1 1/2"	36/1	10
	2523.25.20	25 x 20	200/10	16
 <b>reducing coupling F&amp;F</b>	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

# 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 PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
	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
	2524.110.75	110 x 75	20/1	10
2524.110.90	110 x 90	20/1	10	
	2525.63	63	45/1	16
	2525.110	110	8/1	16
	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

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
	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
		2536.63.25	63 x 25	40/1
2536.110.25		110 x 25	20/1	16
2536.125.25		125 x 25	16/1	16
2536.125.32		125 x 32	16/1	16
2536.180.25		180 x 25	8/1	16
	2536.180.32	180 x 32	8/1	16
	2536.122.25	122 x 25	16/1	16
	2536.177.25	177 x 25	8/1	16
	2540.50.4P*	50	1/1	16
	2540.50.6P**	50	4/1	16

\* 4 Port    \*\* 6 Port

## 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 PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
	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	

barrel union threaded male adaptor

	Order Code	Size (mm)	Ctn/ Bag	Pressure Rating (Bar)
	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
		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	

modular adaptor

pipe support insert \*

\* MUST BE USED WITH ANY APPLICATIONS WITH COMPRESSED AIR, NEGATIVE PRESSURE, OR ELEVATED TEMPERATURES ABOVE GROUND (NOT EXCEEDING 40 Deg C & WITH PRESSURE RERATING)  
NOT REQUIRED WITH PLASSON FITTINGS FOR CONVENTIONAL 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
 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
 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
	2518.50.40	2" x 1½"	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
 threaded plug	2521.40	1½"	250/10	10
	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
 <b>wrench - plasson line 7</b>	2550.40.75	40 - 75	75
	2550.63.125	63 - 125	20
 <b>pipe chamfering tool</b>	2555.20.63	20 - 63	64

#### PLASSON POLYPROPYLENE VALVES

	Order Code	Size (mm)	Ctn/Bag	Pressure Rating (Bar)
 <b>quick coupling valve</b>	2711	¾"	130/5	10
	2712	1"	130/5	10
	use with 2713 riser key			
 <b>riser key</b>	2713		250/5	10
	use with 2712 quick coupling valve			
 <b>check valve insert</b>	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)
 <b>F&amp;F valve</b>	2731	¾"	140/5	10
	2732	1"	120/5	10
 <b>angle seat valve M&amp;M</b>	2735.32	1¼"	40/1	8
	2735.40	1½"	24/1	8
	2735.50	2"	15/1	8
 <b>compression stopcock F&amp;F</b>	2741.20	20	100/5	16
	2741.25	25	80/5	16
	2741.32	32	60/5	16

## 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
	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
	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  <b>polyethylene (water meter) valve boxes</b>	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



# **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)
 <p>black pipe with red stripe supplied with push fit coupler</p>	NEXUS1105HD	110	5
	NEXUS110100HD	110	100
	NEXUS1605HD	160	5
	NEXUS16045HD	160	45
	NEXUS2005HD	200	5

#### 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)
 <p>black pipe with red stripe supplied with pre-applied filter sock &amp; coupler</p>	NEXUS110100HDFS	110	100
	NEXUS16045HDFS	160	45

#### 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)
 <p>black pipe with blue stripe supplied with pre-applied filter sock &amp; coupler</p>	NEXUS110100FS*	110	100
	NEXUS16045FS*	160	45

\*Complies with NZTA SPECIFICATION TNZ F/5

## SECTION 3 ROADING & STORMWATER SYSTEMS

### IPLEX NOVAFLO® FILTER SOCK SUBSOIL DRAINAGE PIPE

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

	Order Code	Size (mm)	Length (m)
	400.110.30FS	110	30
	400.110.100FS	110	100
	400.160.45FS	160	45

**black pipe with pre-applied filter sock & coupler**

### IPLEX AQUACELL® STORMWATER MANAGEMENT SYSTEM

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

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

SUPERSTORM 4000 PVC-U STORMWATER DUCT SCJ & RRJ SN4

	Order Code	Size (mm)	Ctn Qty
 <b>solvent cement joint</b>	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
 <b>rubber ring joint (RRJ)</b>	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
	Z700SN4.500.6	500 x 6	2
	Z700SN4.600.6	600 x 6	2

# SECTION 3

## ROADING & STORMWATER SYSTEMS

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

#### NON PRESSURE APPLICATIONS ONLY

	Order Code	Size (mm)	Ctn Qty
 <p><b>plain bend F&amp;F</b></p>	701.90.15	90 x 15°	110
	701.90.22	90 x 22°	110
	701.90.45	90 x 45°	80
	701.90.88	90 x 88°	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	
 <p><b>plain bend M&amp;F</b></p>	771.90.45MF	90 x 45°	75
 <p><b>access bend F&amp;F</b></p>	103.100.45	100 x 45°	8
	103.100.88	100 x 88°	8
 <p><b>plain junction F&amp;F&amp;F (SCJ)</b></p>	704.90.45**	90 x 45°	28
	704.90.88*	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
<p>*Threaded on branch socket  **Threaded on one main way socket  ***Threaded on one main way socket and branch socket</p>			

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

# SECTION 3

## ROADING & STORMWATER SYSTEMS

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

#### NON PRESSURE APPLICATIONS ONLY

	Order Code	Size (mm)	Ctn Qty
 <b>socket reducer M&amp;F</b>	724.100.90	100 x 90	85
 <b>adaptor F&amp;F</b>	724.90.100	90 x 100	90
 <b>inspection pipe M&amp;F</b>	129.100	100	9
 <b>screw cap and base M</b>	736.90	90	100
	136.100	100	35
	736C.90	90	160
	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
 <b>push on cap</b>	737.90	90	300
	137.100	100	135
	137.150	150	68
 <b>pipe clip</b>	140.90	90	100
 <b>kerb outlet adaptor</b>	765.90	90	32
	765.100	100	18
 <b>stormwater grate</b>	728.90*	90	80
	* 140mm diameter circular inlet grate, in 150mm square base, with DN90 dual purpose outlet, to suit either pipe bore, or pipe socket.		
	769.90 **	90	150
 <b>stormwater grate dual size outlet</b>	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.		



# **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 SOE & PE

	Order Code	Size (mm) x Length (mm)	Pack Qty
 <p><b>solvent cement joint</b></p>	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

#### NOVADRAIN® 4000 PVC-U DWV PIPE SOE & RRJ SN4

	Order Code	Size (mm) x Length (mm)	Pack Qty
 <p><b>solvent cement &amp; rubber ring joint</b></p>	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
	Z100SN4.500.6	500 x 6	2
Z100SN4.600.6	600 x 6	2	

#### NOVADRAIN® 6000 PVC-U DWV PIPE SOE & RRJ SN6

	Order Code	Size (mm) x Length (mm)	Pack Qty
 <p><b>solvent cement &amp; rubber ring joint</b></p>	100SN6.100.6 SOE	100 x 6	67
	100SN6.100.6 RRJ	100 x 6	67

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

#### NOVADRAIN® 8000 PVC-U DWV PIPE Z JOINT SN8

	Order Code	Size (mm) x Length (mm)	Pack Qty
 <p>rubber ring joint</p>	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
	Z100SN8.500.6	500 x 6	2
	Z100SN8.600.6	600 x 6	2

#### NOVADRAIN® 10000 PVC-U DWV PIPE RRJ SN10

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

#### NOVADRAIN® 16000 PVC-U DWV PIPE RRJ & Z JOINT SN16

	Order Code	Size (mm) x Length (mm)	Pack Qty
 <p>rubber ring joint</p>	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
	Z100SN16.175.6	175 x 6	20
	2100SN16.225.3	225 x 3	12
	2100SN16.225.4	225 x 4	12
	2100SN16.300.3	300 x 3	6
	2100SN16.300.4	300 x 4	6
	2100SN16.375.3	375 x 3	6
	2100SN16.375.4	375 x 4	6
	2100SN16.475.3	475 x 3	2
	2100SN16.475.4	475 x 4	2

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

##### NON PRESSURE APPLICATIONS ONLY



	Order Code	Size (mm) x Length (mm)	Pack Qty
<b>threaded joint with seal ring</b>	RESTRAIN100.1	100 x 1	1
	RESTRAIN100.2	100 x 2	1
	RESTRAIN100.3	100 x 3	1
	RESTRAIN100.4	100 x 4	1
	RESTRAIN100.6	100 x 6	1
	RESTRAIN150.1	150 x 1	1
	RESTRAIN150.2	150 x 2	1
	RESTRAIN150.3	150 x 3	1
	RESTRAIN150.4	150 x 4	1
	RESTRAIN150.6	150 x 6	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

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

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### 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 / 5
	101.40.45	40 x 45°	100 / 10
	101.40.60	40 x 60°	200 / 5
	101.40.88	40 x 88°	80 / 10
		101.50.15	50 x 15°
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°	35
<b>plain bend F&amp;F</b>	101.100.45	100 x 45°	32
	101.100.60	100 x 60°	27
	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
	<b>adjustable bend F&amp;F</b>	101.150A	150 x 0°-45°

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#### 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
	171.65.45	65 x 45°	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
	171.100.45	100 x 45°	30
	171.100.60	100 x 60°	27
	171.100.88	100 x 88°	19
	171.150.42	150 x 42°	9
	171.150.88	150 x 88°	5
	<b>plain bend M&amp;F</b>		
	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
	<b>inspection bend F&amp;F</b>		

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### IPLEX NOVADRAIN®

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

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>rear access bend F&amp;F</b>	102.100.88	100 x 88°	15
 <b>side access bend F&amp;F</b>	103.100.45	100 x 45°	8
	103.100.88	100 x 88°	8
 <b>plain junction F&amp;F&amp;F</b>	104.32.45	32 x 45°	100/5
	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°	40/5
	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	
*Threaded branch **Threaded Inlet mainway *** Threaded Inlet mainway and branch			
 <b>reducing junction F&amp;F&amp;F</b>	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
	*Threaded branch		

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>inspection junction F&amp;F&amp;F</b>	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
 <b>rear access junction F&amp;F&amp;F</b>	105.100.88	100 x 88°	10
	105.100.45LH	100 x 45°	7
 <b>LH</b>	105.100.45RH	100 x 45°	7
 <b>RH</b>			
 <b>double junction F&amp;F&amp;F&amp;F</b>	106.100.88	100 x 88°	8
 <b>straight coupling F&amp;F</b>	110.32	32	110/5
	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	14
	110.150T*	150	14
	*Threaded one end		
 <b>straight coupling F&amp;F threaded one end</b>			

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### PLUMBING, DRAIN, WASTE & VENT SYSTEMS

#### IPLEX NOVADRAIN®

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

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>expansion coupling F&amp;F</b>	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
 <b>female iron to PVC socket F&amp;F</b>	112.32	32	80/5
	112.40	40	60/10
	112.50	50	80/10
	112.65	65	90
 <b>male iron to PVC socket M&amp;F</b>	113.32	32	80/5
	113.40	40	90/10
	113.50	50	100/10
	113.100	100	12
 <b>copper to PVC adaptor F&amp;F</b>	114.32	32	100/10
	114.40	40	180/10
	114.50	50	110/5
	114.80	80	50
	114.100	100	36

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>strap on boss F</b>	119.100.50	100 x 50	70
 <b>bolted trap screw (socket) F</b>	120.80	80	60
	120.100	100	30
 <b>bolted trap screw M (spigot into pipe bore)</b>	121.100	100	30
 <b>pipe reducer M (spigot into pipe bore)</b>	198.100.40	100 x 40	72
	122.100.50	100 x 50	72
 <b>level invert taper M&amp;F</b>	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	45
	123.100.65	100 x 65	60
	123.100.80	100 x 80	45
	123.150.100	150 x 100	20
 <b>level invert taper F&amp;F</b>	123.150.100S*	150 x 100	1
	*Socket both ends		

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### IPLEX NOVADRAIN®

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

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>socket reducer M&amp;F</b>	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	150
	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
 <b>ceramic socket to PVC spigot adaptor</b>	124.AC.100	140 x 100	72
	124.AC.150	192 x 150	20
 <b>floor flange</b>	125.65	65	300/10
	125.80	80	250
	125.100	100	160
 <b>female pan collar (offset)</b>	127.80*	80	36
	*Offset		

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>male pan collar (offset or concentric)</b>	127.100**	100	36
	127.100A*	100	36
	127.100R***	100	140
	*Offset ** Concentric *** Rubber Seal Ring only		
 <b>safe waste tray</b>	128.100	100	120
 <b>inspection pipe M&amp;F</b>	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.			
 <b>inspection pipe F&amp;F</b>	129.80	80	28
	129.100FF**	100	9
	129.150FF**	150	4
**Nominal 150mm Access opening			
 <b>weather apron</b>	131.50	50	50/5
	131.65	65	60
	131.80	80	156
	131.100	100	100
 <b>threaded access cap and base</b>	136.80	80	80
	136.100	100	35
	136.150	150	12
 <b>threaded access cap 150mm access lid</b>	136C.100	100	85
	136C.150	150	24
	136L.150*	150	1
*Nominal 150mm non- threaded access lid only, for 129 inspection pipe & 105 access junction			

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## PLUMBING, DRAIN, WASTE & VENT SYSTEMS

### IPLEX NOVADRAIN®

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

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>dust cap</b>	136.100PP	100	250
 <b>push-on cap</b>	137.40	40	120/10
	137.50	50	100/10
	137.65	65	250/10
	137.80	80	160/10
	137.100	100	135
	137.150	150	68
 <b>vent cowl</b>	150.40	40	100/5
	150.50.40	50 x 40	40/5
	150.65	65	170
	150.80	80	162
	150.100	100	135
	150.150	150	56
 <b>squat floor waste gully**</b>	159.80.50P	80 x 50	32
	159.80.65P	80 x 65	28
	159.80.80P*	80 x 80	18
	159.100.50	100 x 50	26
	159.100.65	100 x 65	22
 <b>adjustable gully trap*</b>	159.100*	100	12
	*Use only in conjunction with Iplex Boss Junctions		

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>finishing collar</b>	172.100	100	66
 <b>pop-out grate (flat)</b>	151.140	140	132
	Grate Only Use in conjunction with 172.100 Finishing Collar		
 <b>pop-out grate (domed)</b>	172G.100	140	130
	Grate Only Use in conjunction with 172.100 Finishing Collar		
 <b>DWV overflow relief cap</b>	173.100ORC	100	30
 <b>boss junction M&amp;F*</b>	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			
 <b>boss junction F&amp;F*</b>	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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### PLUMBING, DRAIN, WASTE & VENT SYSTEMS

#### IPLEX NOVADRAIN®

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

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

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### PLUMBING, DRAIN, WASTE & VENT SYSTEMS

#### IPLEX NOVADRAIN® PVC-U DWV FITTINGS RRJ NON-PRESSURE - AS/NZS 1260

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>plain bend F&amp;F</b>	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
 <b>adjustable bend F&amp;F</b>	1501.150A	150 x 0-45°	6
 <b>plain bend M&amp;F</b>	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
 <b>ramp bend F&amp;F</b>	1502.100.88	100 x 88°	12
 <b>access bend 45° F&amp;F</b>	1503.100.45	100 x 45°	8
 <b>access bend 88° F&amp;F</b>	1503.100.88	100 x 88°	8

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

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## PLUMBING, DRAIN, WASTE & VENT SYSTEMS

### IPLEX NOVADRAIN®

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

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>slip coupling F&amp;F</b>	1511S.80	80	45
	1511S.150	150	12
 <b>combination loose/ slip coupling F&amp;F</b>	1511.100	100	36
 <b>loose coupling F&amp;F</b>	1511.150	150	12
 <b>repair coupling</b>	1511R.100	100	27
 <b>fresh air inlet</b>	1516.100	100	23
 <b>level invert taper</b>	1523.150.100	150 x 100	15
 <b>reverse level invert taper</b>	1527.100.150	100 x 150	18
 <b>PVC to ceramic adaptor 100mm</b>	1524.100	100	44
	1524.150	150	8
 <b>ceramic socket to PVC adaptor</b>	1525.100	100	36
	1525.150	150	10

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>inspection pipe M&amp;F</b>	1529.100	100	9
	1529.150	150	4
 <b>gully trap F&amp;F</b>	1559.100	100	6
 <b>gully dish</b>	1575.100	100	10
	1575L.100*	100	48
<i>*Lid Only</i>			
 <b>gully dish riser</b>	1575.100R	100	5
	1575.200R	200	8
	1575.300R	300	4
 <b>reflux valve F&amp;F</b>	1588.100	100	2

## SECTION 4

### PLUMBING, DRAIN, WASTE & VENT SYSTEMS

#### IPLEX UNI-TRAP POLYPROPYLENE WASTE TRAPS

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>plain p trap</b>	160.40.32P	40 x 32	55
 <b>plain s trap</b>	161.40.32S	40 x 32	45
 <b>combination S&amp;P</b> (includes adapta kit with dishwasher connection)	162.40.32DW	40 x 32	10
 <b>adapta kit</b> For use with 160 & 161 Uni-Traps	ADAPTA KIT	40 x 32	1

#### IPLEX PIPE SUPPORT CLIPS

FOR USE WITH GREENLINE, REDLINE, RURAL BLACK, BLUELINE, BLACKLINE PN16 AND PE EFFLUENT PIPE

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>DWV pipe clip</b>	140.32	32	540/10
	140.40	40	400/10
	140.50	50	240/5
	140.65	65	80
	140.80	90	100
 <b>DWV holde (aluminium)</b>	140H.80	80	250
	140H.100	100	200
	140H.150	150	100
 <b>DWV standard key clip</b>	141.32	32	300/10
	141.40	40	250/10
	141.50	50	190/10
	141.80	80	50
	141.100	100	50/10
 <b>DWV side hanger key clip</b>	142.32	32	400/10
	142.40	40	400/10
	142.50	50	250/10
	142.80	80	120
	142.100	100	120
 <b>DWV stand off key clip</b>	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

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>copper pipe clipit complete with nail</b>	841C.15	15	10
	841C.20	20	10
 <b>polybutylene pipe clipit complete with nail</b>	841P.15	15	10
	841P.20	20	10

## SECTION 4

# PLUMBING, DRAIN, WASTE & VENT SYSTEMS

### SMART PRODUCTS

	Order Code	Size (mm)	Ctn/ Bag Qty
 <b>smartpan</b>	D101SPAN	100	12
 <b>smartseal</b>	D101SSEAL		15
 <b>smartwaste</b>	D101SWASTE*	100	6
	D101SWASTE.B	LID ONLY	1
*Includes Lid			
 <b>smartrap</b>	D101STRAP.50	100 x 50	6
 <b>smartile</b>	D101STILE.2*		32
*Stainless steel			

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



# RAINWATER SYSTEMS

# SECTION 5

## RAINWATER SYSTEMS

### IPLEX RAINWATER SYSTEM PVC-U RAINWATER DOWNPIPE & FITTINGS (65MM & 80MM)

	Order Code	Size (mm)	Ctn/ Bag Qty
	RP65.3SOE	65 x 3m	192 / 12*
	RP80.3SOE	80 x 3m	135 / 9**
<b>downpipe</b>	*Available in bundles of 12 **Available in bundles of 9		
	RWB.65.95	65 x 95°	15
	RWB.80.95	80 x 95°	15
	RWB.65.112	65 x 112°	15
	RWB.80.112	80 x 112°	10
<b>socket bend</b>			
	RWJ.65.95	65 x 95°	15
	RWJ.80.95	80 x 95°	10
<b>junction</b>			
	DPC.65	65	80
	DPC.80	80	80/10
<b>pipe clips</b>			
	DPA.65.90	65 x 90	75
	DPA.80.90	80 x 90	65
<b>downpipe adaptor</b>			
	RWSOC.65	65	55
	RWSOC.80	80	35
<b>downpipe sockets</b>			
	GP.80	80	130
<b>gutter pop</b>			

# 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	5	60
	Z822.80PN8.6 LILAC	100 x 6	6	40

### IPLEX EFFLUENT PE 100 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® PE 100 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 PE 100 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 PE 100 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 PE 100 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
	340.50PN12.5.6	50	12.5	6
	340.63PN12.5.6	63	12.5	6

### IPLEX RURAL BLACK PE 100 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™ PE 100 PRESSURE PIPE - AS / NZS 4130

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

	Order Code	Size (mm)	Pressure Rating Bar	Coil length in m
 black pipe with blue stripes	3500.63PN16.25BTS	63	16	25
	3500.63PN16.50BTS	63	16	50
	3500.63PN16.100BTS	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 PE 100 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	DIC63PE	63	12
	DIC90PE	90	6
	DIC110PE	110	4
 ductile iron transition coupling PN25	DITC63PE	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

	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

## 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	5
	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		

## SECTION 6

### RURAL SYSTEMS

## IPLEX NOVACOIL® HDPE DUCT PIPE

SINGLE WALL, CORRUGATED BORE, UNSLOTTED

	Order Code	Size (mm)	Coil length in m
 <p>black pipe with white stripe supplied with push fit coupler</p>	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

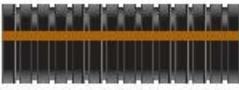
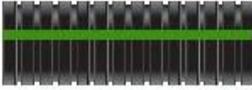
## IPLEX NEXUSFLO™ OR IPLEX NOVAFLO FITTINGS

	Order Code	Size (mm)	Ctn/Bag Qty
 <p>45 ° junction</p>	104.65.45	65	1
	104.100.45	110	12
	704.150.45	160	4
	704.150.100.45	160 x 110	5
 <p>pipe coupler</p>	410.065	65	234
	420.110	110	40
 <p>pipe coupler</p>	420.160	160	12
	420.200	200	10
	420.250	250	1
 <p>level invert</p>	123.150.100S	160 x 110	1
 <p>end plug</p>	430.110	110	1
	430.160	160	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
 <b>black pipe with brown stripe, socket one end for push fit jointing</b>	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
 <b>black pipe with green stripe, socketed one end for push fit jointing</b>	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
 <b>solvent cement joint</b>	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	



# **ENERGY & COMMUNICATIONS SYSTEMS**

## SECTION 7 ELECTRICAL

### 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	10
25	IPLEXVOLTA.25HD.GY.4	HD4431	Spigot/Socket SCJ	24.9	20.5	10
32	IPLEXVOLTA.32HD.GY.4	HD4431	Spigot/Socket SCJ	31.9	27.0	10
40	IPLEXVOLTA.40HD.GY.4	HD4431	Spigot/Socket SCJ	39.9	34.3	10
50	IPLEXVOLTA.50HD.GY.4	HD4431	Spigot/Socket SCJ	49.9	43.5	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	10
25	IPLEXVOLTA.25HD.OR.4	HD4431	Spigot/Socket SCJ	24.9	20.5	10
32	IPLEXVOLTA.32HD.OR.4	HD4431	Spigot/Socket SCJ	31.9	27.0	10
40	IPLEXVOLTA.40HD.OR.4	HD4431	Spigot/Socket SCJ	39.9	34.3	10
50	IPLEXVOLTA.50HD.OR.4	HD4431	Spigot/Socket SCJ	49.9	43.5	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	1
80	IPLEXVOLTA.80HD.OR.6	HD4431	Spigot/Socket SCJ	82.5	75.3	n/a	1
100	IPLEXVOLTA.100MD.OR.6	MD3331	Spigot/Socket SCJ	110.2	103.2	4	1
100	IPLEXVOLTA.100HD.OR.6	HD4431	Spigot/Socket SCJ	110.2	102.0	10	1
100	IPLEXVOLTA.100VHD.OR.6	VHD5531	Spigot/Socket SCJ	110.2	96.0	25	1
150	IPLEXVOLTA.150MD.OR.6	MD3331	Spigot/Socket SCJ	160.3	150.4	4	1
150	IPLEXVOLTA.150HD.OR.6	HD4431	Spigot/Socket SCJ	160.3	148.8	10	1
150	IPLEXVOLTA.150VHD.OR.6	VHD5531	Spigot/Socket SCJ	160.3	141.4	25	1

# SECTION 7 ELECTRICAL

## IPLEX 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	10
40**	2700.40.6 SOE	N/A	Spigot/Socket SCJ	42.9	37.6	N/A	10
50**	2700.50.6 SOE	N/A	Spigot/Socket SCJ	55.8	50.5	N/A	5
65**	2700.65.6 SOE	N/A	Spigot/Socket SCJ	68.8	62.5	N/A	1
80	2700.80LD.6 SOE	LD	Spigot/Socket SCJ	82.5	77.1	N/A	1
100	2700.100LD.6 SOE	LD	Spigot/Socket SCJ	110.2	103.2	5	1
100	2700.100HD.6 SOE	HD	Spigot/Socket SCJ	110.2	97.0	40	1
100	2700.100SN16.6 SOE	N/A	Spigot/Socket SCJ	110.2	100.6	16	1
150	2700.150LD.6 SOE	LD	Spigot/Socket SCJ	160.3	150.4	5	1
150	2700.150HD.6 SOE	HD	Spigot/Socket SCJ	*160.3	141.4	40	1
150	2700.150SN16.6 SOE	N/A	Spigot/Socket SCJ	160.3	146.4	16	1

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

### KIWI RAIL PVC-U RIGID ELECTRICAL DUCT - (ORANGE): BELOW GROUND APPLICATIONS (TO AS/NZS 2053.2)



Nominal Diameter (mm)	Order Code	# Joint Type	Mean Outside Diameter (mm)	Minimum Internal Diameter (mm)	Stiffness Rating (SN)	Bundle Qty
100	KIWI.SN101006 SOE	Spigot/Socket SCJ	110.2	102.0	10	1
100	KIWI.SN91006 SOE	Spigot/Socket SCJ	110.2	102.4	9	1

### PVC-U ELECTRICAL DUCT BENDS - (ORANGE)



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

\*ROC = Radius of Curvature

# SECTION 7 ELECTRICAL

## IPLEX PE FLEXIBLE ELECTRICAL DUCT - COILS

### IPLEX PE FLEXIBLE ELECTRICAL DUCT- FREE STANDING COIL

Free Standing Coil	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	2.6	2.3
	40	Cableduct OR 40/35.200	● Orange	200m	17	40.2	2.6	2.3
	50	Cableduct OR 50/44.100	● Orange	100m	17	50.3	3.2	3.7
	50	Cableduct OR 50/44.200	● Orange	200m	17	50.3	3.2	3.7
	63	Cableduct OR 63/55.100	● Orange	100m	17	63.3	4.0	5.8
	63	Cableduct OR 63/55.150	● Orange	150m	17	63.3	4.0	5.8
	90	Cableduct OR 90/79.50	● Orange	50m	17	90.5	5.8	12
	90	Cableduct OR 90/79.100	● Orange	100m	17	90.5	5.8	12
	110	Cableduct OR 110/97.50	● Orange	50m	17	110.5	7.0	17.8
	110	Cableduct OR 110/97.100	● Orange	100m	17	110.5	7.0	17.8
	125	Cableduct OR 125/110.100	● Orange	100m	17	125.5	7.8	22.8
	140	Cableduct OR 140/123.100 CX	● Orange	100m	17	140.6	8.8	28.6

### 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)
	110	Cableduct 110/97.340 CX	● Orange	340m	17	110.5	7.0	17.8
	110	Cableduct 110SDR136.600CXOR	● Orange	600m	13.6	110.5	8.6	21.6
	110	Cableduct 110/97.400 CX OR	● Orange	400m	17	110.5	7.0	17.8
	110	Cableduct 110/97.600 CX OR	● Orange	600m	17	110.5	7.0	17.8
	140	Cableduct 140/123 340 CXOR	● Orange	340m	17	140.6	8.8	28.6
	140	Cableduct 140SDR136.340CXOR	● Orange	340m	13.6	140.6	10.9	34.7

## 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)
	160	Cableduct 160/140.15	● Orange	15m	17	160.4	10.0	37.3
	200	Cableduct 200/180.12	● Orange	12m	21	201.0	10.1	47.2

# SECTION 7 ELECTRICAL

## IPLEX PVC-U RIGID COMMUNICATIONS DUCT

### CHORUS BRANDED PVC-U RIGID COMMUNICATIONS DUCT

	Size	Order Code	Colour	Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Pack Qty
	20mm x 6m	10012937	● Green	Spigot/Socket SCJ	26.7	2.1	150
	20mm x 6m	10013281	● White	Spigot/Socket SCJ	26.7	2.1	150
	50mm x 6m	P4001	● Green	Rubber Ring Joint	60.3	2.6	123
	100mm x 6m	P4000	● Green	Rubber Ring Joint	110.2	3.6	67

### CHORUS BRANDED PVC-U REPAIR SLEEVE FOR COMMUNICATIONS DUCTS

	Size	Order Code	Colour	Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Pack Qty
	50mm x 2m	10013103	● Green	Plain end, SCJ	65.6	2.6	1
	100mm x 2m	10013102	● Green	Plain end, SCJ	117.3	3.6	1

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

	Size	Order Code	Colour	Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Pack Qty
	100mm x 6m	2780.100LD.6 SOE	● Green	Spigot/Socket SCJ	110.2	3.1	67
	100mm x 6m	2780.100HD.6 SOE	● Green	Spigot/Socket SCJ	110.2	6.1	67
	100mm x 6m	2780.100.6RRJNPGREEN	● Green	Spigot/Socket RRJ	110.2	3.6	67
	150mm x 6m	2780.150LD.6 SOE	● Green	Spigot/Socket SCJ	160.3	4.5	28
	150mm x 6m	2780.150HD.6 SOE	● Green	Spigot/Socket SCJ	160.3	8.8	28

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

	Size	Order Code	Colour	Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Pack Qty
	50mm x 6m	2730.50.6 SOE	● Red	Spigot/Socket SCJ	60.3	2.4	150
	100mm x 6m	2730.100LD.6 SOE	● Red	Spigot/Socket SCJ	110.2	3.1	67
	100mm x 6m	2730.100HD.6 SOE	● Red	Spigot/Socket SCJ	110.2	6.1	67
	150mm x 6m	2730.150HD.6 SOE	● Red	Spigot/Socket SCJ	160.3	8.8	28

### IPLEX PVC-U RIGID COMMUNICATIONS DUCT (SALMON)

	Size	Order Code	Colour	Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Pack Qty
	50mm x 6m	2720.50.6 SOE	● Salmon	Spigot/Socket SCJ	60.3	2.4	150
	100mm x 6m	2720.100LD.6 SOE	● Salmon	Spigot/Socket SCJ	110.2	3.1	67
	100mm x 6m	2720.100HD.6 SOE	● Salmon	Spigot/Socket SCJ	110.2	6.1	67
	150mm x 6m	2720.150HD.6 SOE	● Salmon	Spigot/Socket SCJ	160.3	8.8	28

### IPLEX PVC-U RIGID COMMUNICATIONS DUCT

	Size	Order Code	Colour	Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Pack Qty
	100mm x 6m	COMMSDUCT100.6 SOE	● Green	Spigot/Socket SCJ	110.2	3.6	67
	100mm x 6m	COMMSGREY100.6 SOE	● Grey	Spigot/Socket SCJ	110.2	2.9	67

# SECTION 7 COMMUNICATIONS

## IPLEX PVC-U RIGID COMMUNICATIONS DUCT

### VODAFONE/TELSTRACLEAR BRANDED PVC-U RIGID COMMUNICATIONS DUCT



OD (mm)	Order Code	Colour	Joint Type	Mean Outside Diameter (mm)	Wall Thickness (mm)	Bundle Qty
50	CLEAR 50C SOE	● Clear Blue	Spigot/Socket SCJ	60.3	2.6	1
100	TCSN6.100.6 SOE	● Clear Blue	Spigot/Socket SCJ	110.2	3.2	1
50	TC50.6 SOE	● Lilac	Spigot/Socket SCJ	55.8	2.4	1
80	TC80.6 SOE	● Lilac	Spigot/Socket SCJ	82.6	3.0	1

### CITYLINK BROWN PVC-U COMMUNICATIONS DUCT



Size	Order Code	Colour	Joint Type	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Pack Qty
100mm x 6m	CITYLINK100LD6SOE	● Brown	Spigot/Socket SCJ	110.2	3.0	1

## 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	Cable Duct SA 25/22100	● Salmon	100m	17	25.1	1.7	1.0
32mm	Cable Duct SA 32/25.500	● Salmon	500m	11	32.1	3.2	2.2
63mm	Cable Duct SA 63/55.100	● Salmon	100m	17	63.3	4.0	5.8
110mm	Cable Duct SA 110/97.100	● Salmon	100m	17	110.5	7.0	17.8
110mm	Cable Duct SA 110/97.340**	● Salmon	340m	17	110.5	7.0	17.8

### 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	11	50.2	3.2	5.5
63mm	Cable Duct Red 63/55.100	● Red	100m	17	63.3	4.0	5.8
110mm	Cable Duct Red 110/97.100	● Red	100m	17	110.5	7.0	17.8
110mm	Cable Duct Red 110/97.340**	● Red	340m	17	110.5	7.0	17.8

\*\* Supplied as a Drum

### 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	500m	17	32.1	2.0	1.5
63mm	Cableduct SAP 63/55.100	● Light Pink	100m	17	63.3	4.0	5.8

# SECTION 7 COMMUNICATIONS

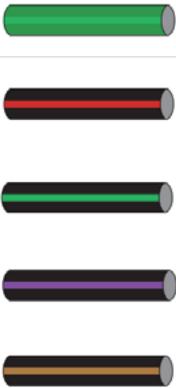
## IPLEX PE FLEXIBLE COMMUNICATIONS DUCT

### IPLEX PE FLEXIBLE COMMUNICATIONS DUCT (BLACK/WHITE TRISTRIPE)



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 Trisripe	200m	13.6	32.1	2.6	1.8
32mm	Cable Duct 32/27.500 WTS	●Black /White Trisripe	500m	13.6	32.1	2.6	1.8

### CHORUS BRANDED PE FLEXIBLE COMMUNICATIONS DUCT



Size	Order Code	Colour	SRD Rating	Coil Length	Mean Outside Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (KN)
20mm	20021793	● Green	11	200	20.1	2.2	0.8
32mm	10012829	● Black with red trisripe	13.6	1000	32.1	2.6	1.8
32mm	10012829500	● Black with red trisripe	13.6	500	32.1	2.6	1.8
32mm	10012830	● Black with green trisripe	13.6	1000	32.1	2.6	1.8
32mm	10012830500	● Black with green trisripe	13.6	500	32.1	2.6	1.8
32mm	10012831	● Black with violet trisripe	13.6	1000	32.1	2.6	1.8
32mm	10012831500	● Black with violet trisripe	13.6	500	32.1	2.6	1.8
32mm	10012832	● Black with brown trisripe	13.6	1000	32.1	2.6	1.8
32mm	10012832500	● Black with brown trisripe	13.6	500	32.1	2.6	1.8

### 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 PE32/28.200	● 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
63	Teleduct PE63/55.100	● Lime Green	100m	17	63.3	4.0	5.8
63	Teleduct PE63/55.150	● Lime Green	150m	17	63.3	4.0	5.8
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

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

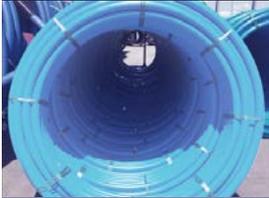


OD (mm)	Order Code	Colour	Coil Length	SDR Rating	Mean Outside Diameter (mm)	Mean Internal Diameter (mm)	Mean Wall Thickness (mm)	Maximum safe axial pulling load (KN)
32	SPARK DUCT PE32/26.500	● Magenta	500m	11	32.1	25.9	3.1	2.2
32	SPARK DUCT PE32/27.500	● Magenta	500m	13.6	32.1	26.9	2.6	1.8
63	SPARK DUCT PE63/53.100	● Magenta	100m	13.6	63.3	53.3	5.0	7.1
63	SPARK DUCT PE63/55.100	● Magenta	100m	17	63.3	55.2	4.0	5.8
110	SPARK DUCT PE110/97.100	● Magenta	100m	17	110.5	96.5	7.0	5.8

# SECTION 7 COMMUNICATIONS

## IPLEX PE FLEXIBLE COMMUNICATIONS DUCT

### 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 110/97.100	● Light Blue	100m	17	110.5	96.5	7.0	17.8
	110	CLEAR 110/97.340	● Light Blue	340m	17	110.5	96.5	7.0	17.8

## IPLEX PVC-U COMMUNICATIONS BENDS & FITTINGS

### CHORUS BRANDED PVC-U COMMUNICATIONS BENDS

		Size	Order Code	Colour	Pack Qty
20mm Formed Bend		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
100mm Formed Bend M&F		50mm x 90° ROC* 900	10013099	● Green	1
		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* 600	10013094	● Green	1
0mm x 90° ROC* 900	10013096	● Green	1		

\*ROC = Radius of Curvature \*\*Female / Female (F&F) Bend

### CHORUS BRANDED PVC-U COMMUNICATIONS FITTINGS

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

# SECTION 7

## COMMUNICATIONS

### 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	2501.63	● Black	Yes	Yes
		110	2510.110	● Black	Yes	Yes
		125	2510.125	● Black	Yes	Yes
Plain Coupling		160	2510.160	● Black	Yes	Yes
Slip (Repair) Coupling		32	2511.32	● Black	Yes	Yes
		63	2511.63	● Black	Yes	Yes
		110	2511.110	● Black	Yes	Yes

# SECTION 7 COMMUNICATIONS

## IPLEX POLIGAS® PE GAS PIPE

### IPLEX POLIGAS™ PE GAS PIPE - METRIC (OD) DIMENSION

Free Standing Coil 	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

Manufactured to AS/NZS 4130 Series 1

### IPLEX POLIGAS™ 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	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)

Drum Coil 	Nominal Internal Diameter (mm)	Order Code	Coil Length	Outside Diameter (mm)	Colour	SDR
	100mm	200.100.600.11 IMP	600m	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

# **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

#### MED LUBE™ PIPE JOINTING LUBRICANT (POTABLE WATER)

	Order Code	Size (g)	No. in box
 <b>med lube</b>	9137.275	275gm	38
	9137.500	500gm	12
	9137.2	2kg	6
	9137.4	4kg	4
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
 <b>cleaner primer (clear)</b>	9101.250*	250ml	10
*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
 <b>cleaner primer (purple)</b>	9101C.500*	500ml	10
*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.			

# ABOUT IPLEX

## 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.



CERTIFICATE TYPE	LICENCE NUMBER	CERTIFYING BODY
ISO 9001	QEC4169	SAI Global
BEST ENVIRONMENTAL PRACTICE - PVC	BEP-PVC - 0067	ApprovalMark International
AS/NZS 1260	SMKP20184, SMKP20185 & SMK1305	SAI Global
AS/NZS 1477	SMK02569 & SMKP20181	SAI Global
AS/NZS 4130	SMKP20400	SAI Global
AS/NZS 4441	SMKP20682	SAI Global
AS/NZS 4765	SMK02570	SAI Global
AS/NZS 61386	LIC 2901 & LIC 2910	Bureau Veritas
NZ ISO/IEC 17025	ACCREDITATION NUMBER 61	IANZ

## IPLEX PIPELINES NZ THE COMPANY

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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 pipelines since 1938 and with over 80 years of industry service and technical experience, Iplex is well positioned to ensure that projects are delivered successfully.

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Iplex services the following industry sectors:

**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.

**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.

**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.

**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.

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

# BUILDING CODE - DURABILITY

## BUILDING CODE - DURABILITY

The 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 above ground for service long term applications, without protection. This protection may include pale coloured UV resistant, water based, paint systems or physical shading
- xi. Where service connections are directly tapped into the pipe wall

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**2. Iplex Pipelines polyethylene 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 (except black pipe) when exposed to direct sunlight above ground for service applications, without protection. This protection may include pale coloured U.V. resistant, water based, paint systems or physical shading.
- 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

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

- i. For any pumped pressure applications
- 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 above ground for service long term applications, without protection. This protection may include pale coloured U.V. resistant, water based, paint systems or physical shading.

# DEFINITION OF TERMS USED

<b>SOE</b>	Socketed One End ( For Solvent Weld Jointing)	<b>LDPE</b>	Low Density Polyethylene
<b>CX</b>	PE pipe with Co-Extruded coloured jacket on black inner	<b>PN</b>	Nominal Maximum Working Pressure (Bar)
<b>MS</b>	PE pipe coloured black, with multiple coloured external stripes	<b>SDR</b>	Standard Dimension Ratio = <u>Maximum Mean Outside Diameter</u> Minimum Wall Thickness
<b>RRJ</b>	Rubber Ring Joint	<b>PE80</b>	MRS 8 Polyethylene resin (formerly MDPE) to AS/NZS 4131 and conforming to PIPA POP 004
<b>SCJ</b>	Solvent Cement Joint	<b>PE100</b>	MRS 10 Polyethylene resin to AS/NZS 4131 and conforming to PIPA POP 004
<b>PE</b>	Polyethylene	<b>SN</b>	Minimum Pipe Stiffness Class as defined in AS/NZS 1260 (KN/m <sup>2</sup> )
<b>PVC-U</b>	Unplasticised Polyvinylchloride	<b>M&amp;F</b>	Male & Female
<b>PVC-M</b>	Modified Polyvinylchloride	<b>F&amp;F</b>	Female & Female
<b>PVC-O</b>	Oriented Polyvinylchloride		
<b>DWV</b>	Drain Waste and Vent		
<b>DN</b>	Nominal Diameter (mm)		

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	1600	232	
18	18	180	PVC-U	1800	261	F
20	20	200	PVC-M	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, PE100	800	116	
9	9	90	LDPE	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, OCTOBER 2020

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## LIMITATIONS

The information contained in this document is current as at September 2020 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

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