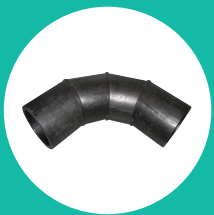




solo

Fabricating for a better tomorrow
He waka eke noa

solo CATALOGUE



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V.SEP25

FABRICATING FOR A BETTER TOMORROW

Solo's Vision is "*Fabricating for a Better Tomorrow*".
We sustainably manufacture and import infrastructure solutions in PE and PVC for the people of New Zealand, focusing on values that help to conserve and protect our planet whilst always watching over our whānau. Now *that's* standing for better...

solo.co.nz



OUR VALUES

Sustainably Designed, Built and Installed Plastic Piping Solutions for the Infrastructure of New Zealand



Responsible consumption and production our strategies to meet this goal:

- Purchasing and Supply Chain
- Circular Economy Approach
- Supporting Local Community



Climate Action Our strategies to meet this goal:

- Waste, Pollution and Energy Reduction
- Investment in Clean Energy
- Carbon Offsetting Objectives

Return Policy

Solo Plastics Limited will only accept product for return under the following conditions:

- 1** The return product is a stock item (Please call the office for clarification).
- 2** The return is in saleable condition and supplied within the last 3 months.
- 3** The item(s) is received with our return of goods form giving invoice details.

Please note a 20% restocking fee will apply for these returned items Non stock items are non returnable.

The information contained in this document is current as at September 2024 and is based on data available to Solo Plastics 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 Solo Plastics Ltd products installed in accordance with this document or the referenced compliance documents.

In all instances, the reader should contact Solo Plastics Ltd for clarification that the specific product is appropriate for their circumstance.

CONTENTS



CONTENTS

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SPECIFICATIONS SUMMARY

Pressure	
1 Pascal	= 1 newton /metre ²
1 Kilopascal (kPa)	1 pascal
	= 0.14504 psi
	= 0.336 feet head of water
1 megapascal (MPa)	= 1000 kilopascals
	= 10 bar
	= 145 psi
1 psi	= 6.89 kilopascals
	= 0.0068 megapascal
	= 0.069 bar
	= 2.3 feet head of water
PN6	= Class B
	= 60m head
	= 600 kPa
	= 0.6 MPa
	= 131 psi
	= 9 bar
PN9	= Class C
	= 90m head
	= 900kPa
	= .09 MPa
	= 131 psi
	= 9 bar
PN12	= Class D
	= 120m head
	= 1200 kPa
	= 1.2 MPa
	= 174 psi
	= 12 bar
PN15	= Class E
	= 150m head
	= 1500 kPa
	= 1.5 MPa
	= 261 psi
	= 15 bar

SPECIFICATIONS SUMMARY

Pressure Cont.

PN18	Class F
	= 180m head
	= 1800 kPa
	=1.8 MPa
	=261 psi
	= 18 bar

Flow

1 litre/second	= 3.6 cubic metres/hour
	= 13.2 gallons/minute
	= 0.0353 cusecs
	= 0.086 megalitres/day

Volume

1 litre	= 1.76 imperial pints
	= 0.22 imperial gallons
	= 0.0353 cubic feet
	= 0.001 cubic metres
1 imperial pint	= 0.5672 litre
1 imperial gallon	=0.00455 cubic metres
	= 1.2 US gallons
1 cubic foot	= 0.02832 cubic metres
	= 28.32 litres
	= 6.229 gallons

Paper Size PVC Pressure Pipe to AS/NZS 1477:1999

Nominal size	Mean O/D Series 1	Mean O/D Series 2
10	17.2	
15	21.4	
20	26.8	
25	33.6	
32	42.3	
40	48.3	
50	60.4	
65	75.4	

SPECIFICATIONS SUMMARY

Paper Size <i>Cont.</i> PVC Pressure Pipe to AS/NZS 1477:1999		
Nominal size	Mean O/D Series 1	Mean O/D Series 2
80	88.9	
100	114.3	121.9
125	140.2	
150	160.3	
175	200.3	
200	225.3	232.3
225	250.4	259.3
250	280.4	286.2
300	315.4	345.5
350	355.5	
375	400.5	426.2
400	450.5	

Paper Size PVC DWV and Stormwater		
Nominal size	DWV Mean O/D	Stormwater Mean O/D
32	36.4	
40	43.0	
50	55.9	
65	68.9	
75		75.2
80	82.5	
90		90.2
100	110.2	110.2
150	160.3	160.3
175	200.3	200.3
225	250.4	250.4
250		280.4
300	315.5	315.5
375	400.5	400.5
475	500.5	500.5
600	630.5	630.5

SPECIFICATIONS SUMMARY

Paper Size Polyethylene Pipe to AS/NZS 4130-2003

Nominal size	Min	Max
110	110	111
180	180	181.7

Pressure Rating

This is based on a wall thickness known as SDR (Standard Dimension Ratio). Pressure rating also varies according to the compound used PE80 or PE100

Nominal working pressure MPa	PE80	PE100
PN3.2	SDR41	
PN4	SDR33	SDR41
PN6.3	SDR21	SDR26
PN8	SDR17	SDR21
PN10	SDR13.6	SDR17
PN12.5	SDR11	SDR13.6
PN16	SDR9	SDR11
PN20	SDR7.4	SDR9
PN25		SDR7.4

If a line has a working pressure of PN12, the pipe could be PE 80 SDR11 or PE 100 SDR13.6

e.g. For a 180mm dia line with a working pressure of PN12 :

PE 80 SDR11 pipe will have a wall thickness of $180/11 = 16.4\text{mm}$

PE 100 SDR 13.6 pipe will have a wall thickness of $180/13.6 = 13.3\text{mm}$



DRAIN WASTE & VENT (DWV) RANGE

DRAIN WASTE AND VENT (DWV) RANGE

MOULDED FITTINGS

12-14 Bends | Junctions | Reducers
Saddles | Couplers | Caps
Inverts

SN4/6

14-19 Fittings - Fabricated Bends
Swept Bends | Junctions
Reducers | Saddles | Couplers
Caps | Inverts

19 Pipe

SN16

19-27 Fittings - Couplers | Bends
Swept Bends | Junctions
Manhole

27 Pipe



MOULDED

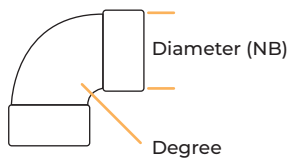
Code breakdown

Moulded Bend Order Code

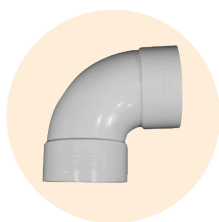
101.100.88I

Diameter (NB)

Bend (Degree)



Depending on the type of product, the following illustrations explain what the code numbers mean.



DWV Moulded SCJ Bend uPVC

101

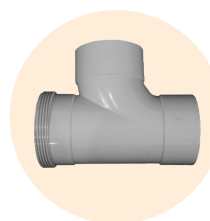
Code	Size (NB)	Bend
101.80.45I	80	45°
101.80.88I	80	88°
101.100.5I	100	5°
101.100.11I	100	11°
101.100.22I	100	22°
101.100.45I	100	45°
101.100.88I	100	88°
101.150.5I	150	5°
101.150.30I	150	30°
101.150.45I	150	45°
101.150.88I	150	88°
101.175.45I	175	45°
101.175.88I	175	88°
101.225.45I	225	45°
101.300.45I	300	45°
101.300.88I	300	88°



DWV Moulded SCJ Junction 45 uPVC

104

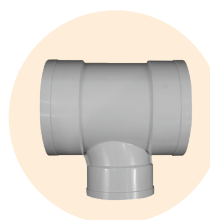
Code	Size (NB)	Bend
104.80.45I	80	45°
104.100.45I	100	45°
104.150.45I	150	45°
104.225.45I	225	45°



DWV Moulded SCJ Junction 90 uPVC

104

Code	Size (NB)	Bend
104.80.88I	80	88°
104.100.88I	100	88°
104.150.88I	150	88°
104.175.88I	175	88°

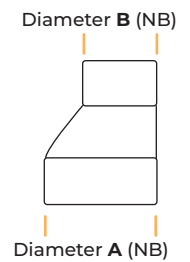
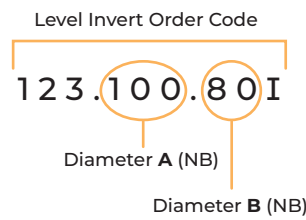
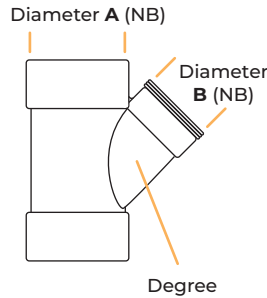
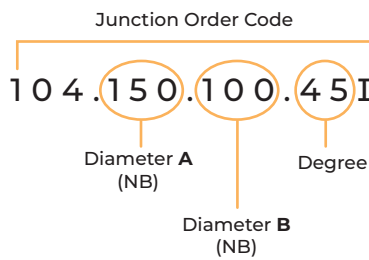


DWV Moulded SCJ Reducing Junction

104

Code	Size (NB)	Bend
104.50.40.88I	50 . 40	88°
104.150.100.88I	150 . 100	88°

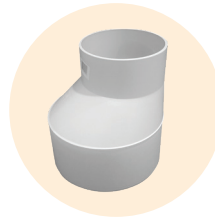
MOULDED



DWV Moulded SCJ Reducing Junction

104

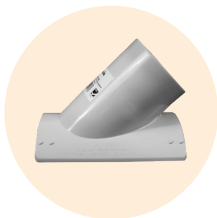
Code	Size (NB)	Bend
104.150.100.45I	150 . 100	45°
104.225.100.45I	225 . 100	45°
104.225.150.45I	225 . 150	45°
104.300.100.45I	300 . 100	45°
104.300.150.45I	300 . 150	45°



DWV Moulded Level Invert uPVC

123

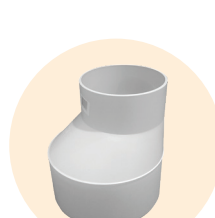
Code	Size (NB)	Type
123.100.80I	100 . 80	SCJ
123.150.100I	150 . 100	Level Invert MF SCJ
123.225.150I	225 . 150	Level Invert MF SCJ
123.300.225I	300 . 225	Level Invert MF SCJ



DWV Moulded SCJ Saddles uPVC

104S

Code	Size (NB)	Bend
104S.150.100.45I	150 . 100	45°
104S.225.100.45I	225 . 100	45°
104S.225.150.45I	225 . 150	45°
104S.300.100.45I	300 . 100	45°
104S.300.150.45I	300 . 150	45°



DWV Moulded SCJ Level Invert uPVC

123

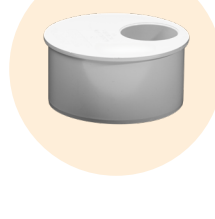
Code	Size (NB)	Type
123.150.100I	150 . 100	MF
123.225.150I	225 . 150	MF
123.300.225I	300 . 225	MF



uPVC DWV Moulded Threaded Coupler

110

Code	Size (NB)
110.80I	80
110.100I	100
110.150I	150
110.175I	175
110.225I	225



DWV Moulded SCJ Reducing Bush uPVC

124

Code	Size (NB)	Type
124.150.100I	150 . 100	Level Invert Bush

Moulded Threaded Access Cap

136.100C

Diameter (NB)



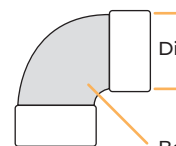
Diameter (NB)

Fab Bend Order Code

1501.150.11

Diameter (NB)

Bend (Degree)



Diameter (NB)

Bend (Degree)



uPVC DWV Moulded Threaded Access Cap

136

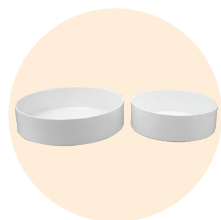
Code	Size (NB)
136.100C	100
136.150C	150
136.225C	225



DWV SCJ Fabricated Bend SN4 uPVC

1501

Code	Size (NB)	Bend
1501.150.11	150	11°
1501.150.22	150	22°
1501.150.45	150	45°
1501.150.88	150	90°
1501.175.11	175	11°
1501.175.22	175	22°
1501.175.45	175	45°
1501.175.88	175	90°
1501.225.11	225	11°
1501.225.22	225	22°
1501.225.45	225	45°
1501.225.88	225	90°
1501.300.11	300	11°
1501.300.22	300	22°
1501.300.45	300	45°
1501.300.88	300	90°
1501.375.11	375	11°
1501.375.22	375	22°
1501.375.45	375	45°
1501.375.88	375	90°
1501.475.11	475	11°
1501.475.22	475	22°
1501.475.45	475	45°
1501.475.88	475	90°



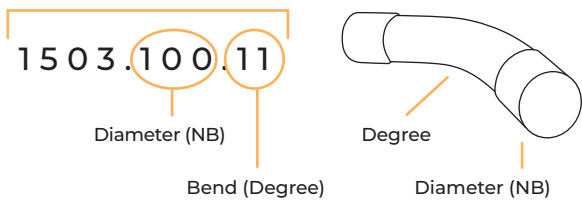
DWV Moulded End Cap uPVC

137

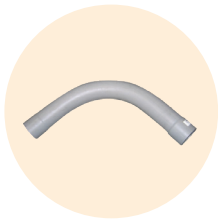
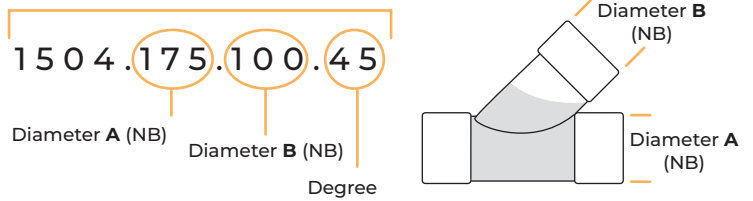
Code	Size (NB)	Type
137.32	32	Push on Cap
137.40	40	Push on Cap
137.50	50	Push on Cap
137.65	65	Push on Cap
137.80	80	Push on Cap
137.100I	100	Push on Cap
137.100DC	100	Push on Dust Cap
137.150I	150	Push on Cap
137.150SP	150	Push on Cap Long
137.225I	225	Push on Cap
137.300I	300	Push on Cap

SN4/6

Swept Bend Order Code



Junction Bend Order Code



DWV SCJ Swept Bend SN6 uPVC

1503

Code	Size (NB)	Bend
1503.100.11	100	11°
1503.100.22	100	22°
1503.100.45	100	45°
1503.100.90	100	90°



DWV SCJ Junction 45 SN4 uPVC

1504

Code	Size (NB)	Bend
1504.175.100.45	175 . 100	45°
1504.175.150.45	175 . 150	45°
1504.175.45	175	45°
1504.225.100.45	225 . 100	45°
1504.225.150.45	225 . 150	45°
1504.225.175.45	225 . 175	45°
1504.225.45	225	45°
1504.300.100.45	300 . 100	45°
1504.300.150.45	300 . 150	45°
1504.300.175.45	300 . 175	45°
1504.300.225.45	300 . 225	45°
1504.300.45	300	45°
1504.375.100.45	375 . 100	45°
1504.375.150.45	375 . 150	45°
1504.375.175.45	375 . 175	45°
1504.375.225.45	375 . 225	45°
1504.375.300.45	375 . 300	45°
1504.375.45	375	45°

DWV SCJ Swept Bend SN4 uPVC

1503

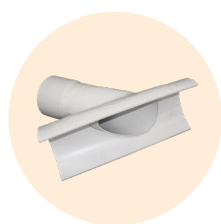
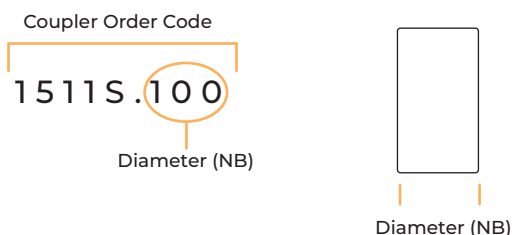
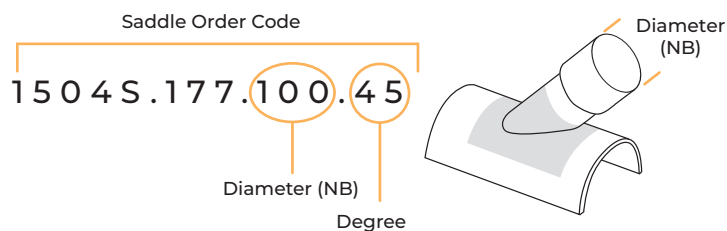
Code	Size (NB)	Bend
1503.150.11	150	11°
1503.150.22	150	22°
1503.150.45	150	45°
1503.150.90	150	90°



DWV SCJ Saddle 45 SN4 uPVC

1504S

Code	Size (NB)	Bend
1504S.150.100.45	150 . 100	45°
1504S.175.100.45	175 . 100	45°
1504S.175.150.45	175 . 150	45°
1504S.225.100.45	225 . 100	45°
1504S.225.150.45	225 . 150	45°
1504S.225.175.45	225 . 175	45°
1504S.300.100.45	300 . 100	45°
1504S.300.150.45	300 . 150	45°
1504S.300.175.45	300 . 175	45°
1504S.375.100.45	375 . 100	45°
1504S.375.150.45	375 . 150	45°
1504S.375.175.45	375 . 175	45°
1504S.475.100.45	475 . 100	45°



DWV SCJ Saddle 45 Fibrolite uPVC

1504S

Code	Size (NB)	Bend
1504S.177.100.45	150 . 100	45°
1504S.226.100.45	200 . 100	45°
1504S.253.100.45	225 . 100	45°
1504S.279.100.45	250 . 100	45°
1504S.333.100.45	300 . 100	45°
1504S.415.100.45	375 . 100	45°
1504S.492.100.45	450 . 100	45°
1504S.572.100.45	525 . 100	45°



DWV SCJ Slip Glued Slip Coupler SN4 uPVC

1511S

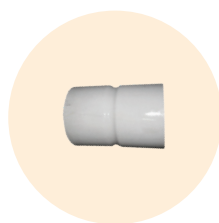
Code	Size (NB)
1511S.100	100
1511S.150	150
1511S.175	175
1511S.225	225
1511S.300	300
1511S.375	375



DWV SCJ Saddle 45 Concrete uPVC

1504S

Code	Size (NB)	Bend
1504S.287.100.45	225 . 100	45°
1504S.363.100.45	300 . 100	45°
1504S.445.100.45	375 . 100	45°
1504S.533.100.45	450 . 100	45°



DWV SCJ Double Coupler SN4

1511

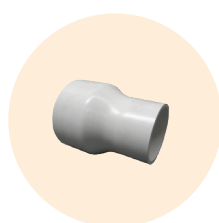
Code	Size (NB)
1511.150	150
1511.175	175
1511.225	225
1511.300	300
1511.375	375



Saddle Straps

SS

Code	Size (NB)	Range
SS1	Size 1 S/S 316	175 - 216mm
SS2	Size 2 S/S 316	181 - 225mm
SS3	Size 3 S/S 316	225 - 333mm
SS4	Size 4 S/S 316	336 - 415mm
SS5	Size 5 S/S 316	445 - 572mm

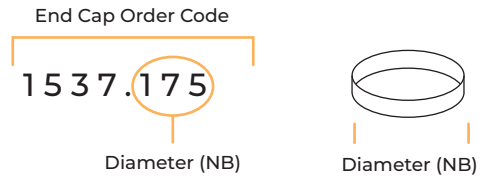
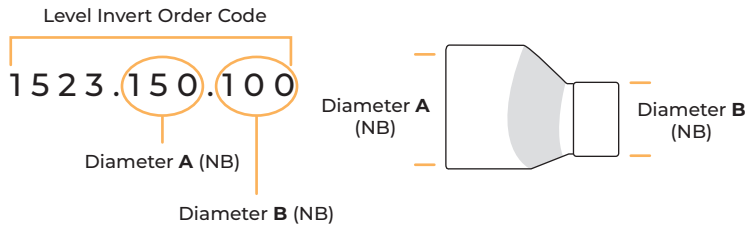


DWV Adapters for Concrete Slab

178

Code	Size (NB)	Type
178.65	65	DWV
178.80	80	DWV
178.100	100	SN6
178.150	150	SN4
178.175	175	SN4
178.225	225	SN4
178.300	300	SN6

SN4/6



DWV Level Invert uPVC

1523

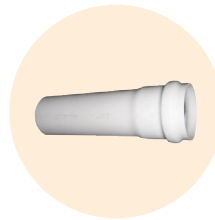
Code	Size (NB)
1523.150.100	150 . 100
1523.175.100	175 . 100
1523.175.150	175 . 150
1523.225.100	225 . 100
1523.225.150	225 . 150
1523.225.175	225 . 175
1523.300.100	300 . 100
1523.300.150	300 . 150
1523.300.175	300 . 175
1523.300.225	300 . 225
1523.375.100	375 . 100
1523.375.150	375 . 150
1523.375.175	375 . 175
1523.375.225	375 . 225
1523.375.300	375 . 300



DWV/Stormwater End Cap SCJ uPVC

1537

Code	Size (NB)
1537.175	175
1537.225	225
1537.300	300
1537.375	375



DWV RRJ Manhole Short SN4 UG

Z1500

Code	Size (NB)	Length
Z1500.100.1	100	1m
Z1500.100.600	100	0.6m
Z1500.150.1	150	1m
Z1500.150.600	150	0.6m
Z1500.175.1	175	1m
Z1500.175.600	175	0.6m
Z1500.225.1	225	1m
Z1500.225.600	225	0.6m
Z1500.300.1	300	1m
Z1500.300.600	300	0.6m
Z1500.375.1	375	1m
Z1500.375.600	375	0.6m



DWV Adapters

1524

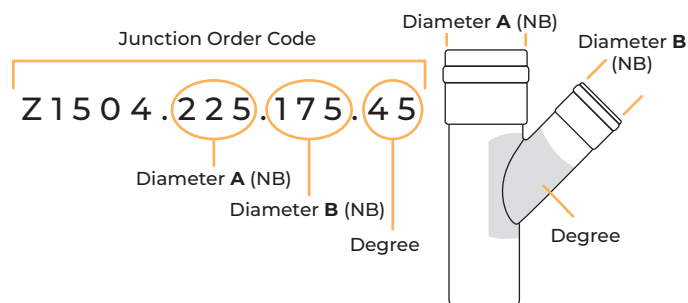
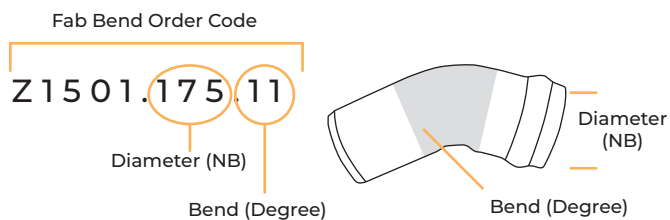
Code	Size (NB)
1524.114.100	114 . 110
1524.150SS	150
Double Coupler for Pressure/ Sewer SCJ	
Adapter Boot and SS 316 Straps for AC-PVC	



DWV RRJ DBL Coupler SN4

Z1511

Code	Size (NB)
Z1511.175	175
Z1511.225	225
Z1511.300	300



DWV RRJ Fab Bend SN4

Z1501

Code	Size (NB)	Bend
Z1501.175.11	175	11°
Z1501.175.22	175	22°
Z1501.175.45	175	45°
Z1501.175.90	175	90°
Z1501.225.11	225	11°
Z1501.225.22	225	22°
Z1501.225.45	225	45°
Z1501.225.90	225	90°
Z1501.300.11	300	11°
Z1501.300.22	300	22°
Z1501.300.45	300	45°
Z1501.300.90	300	90°
Z1501.375.11	375	11°
Z1501.375.22	375	22°
Z1501.375.45	375	45°
Z1501.375.90	375	90°



DWV RRJ Junction 45 SN4 *continues*

Z1504

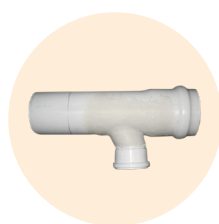
Code	Size (NB)	Bend
Z1504.225.175.45	225 . 175	45°
Z1504.225.45	225	45°
Z1504.300.100.45	300 . 100	45°
Z1504.300.150.45	300 . 150	45°
Z1504.300.175.45	300 . 175	45°
Z1504.300.225.45	300 . 225	45°
Z1504.300.45	300	45°
Z1504.375.150.45	375 . 150	45°
Z1504.375.175.45	375 . 175	45°
Z1504.375.225.45	375 . 225	45°
Z1504.375.300.45	375 . 300	45°
Z1504.375.45	375	45°



DWV RRJ Junction 45 SN4

Z1504

Code	Size (NB)	Bend
Z1504.175.100.45	175 . 100	45°
Z1504.175.150.45	175 . 150	45°
Z1504.175.45	175	45°
Z1504.225.100.45	225 . 100	45°
Z1504.225.150.45	225 . 150	45°



DWV RRJ Lunion SN4

Z1504

Code	Size (NB)
Z1504.175.100L	175 . 100
Z1504.175.150L	175 . 150
Z1504.175L	175
Z1504.225.100L	225 . 100
Z1504.225.150L	225 . 150
Z1504.225.175L	225 . 175
Z1504.225L	225
Z1504.300.100L	300 . 100
Z1504.300.150L	300 . 150

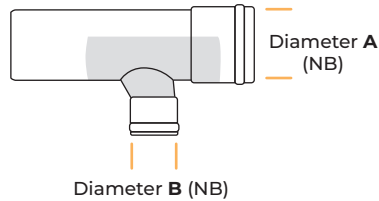
Continue to the next column.

Continue to the next column.

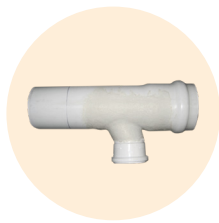
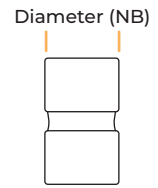
SN4/6

SN16

Lundon Order Code
Z1504.300.175L
 Diameter A (NB)
 Diameter B (NB)



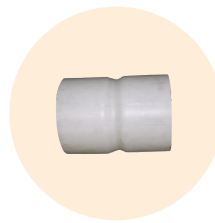
Coupler Order Code
1511H.100
 Diameter (NB)



DWV RRJ Lundon SN4 *continues*

Z1504

Code	Size (NB)
Z1504.300.175L	300 . 175
Z1504.300.225L	300 . 225
Z1504.300L	300
Z1504.375.150L	375 . 150
Z1504.375.175L	375 . 175
Z1504.375.225L	375 . 225
Z1504.375.300L	375 . 300
Z1504.375L	375



SN16 DWV DBL Coupler SN16 uPVC

1511H

Code	Size (NB)
1511H.100	100
1511H.150	150
1511H.175	175
1511H.225	225
1511H.300	300



Pipe DWV uPVC

100

Code		Size (NB)
100.32.6	SCJ	32
100.40.6	SCJ	40
100.50.6	SCJ	50
100.65.6	SCJ	65
100.80.6	SCJ	80
100SN6.100.6	SN6 SCJ	100



SN16 DWV O Ring Slip Coupler

S1511

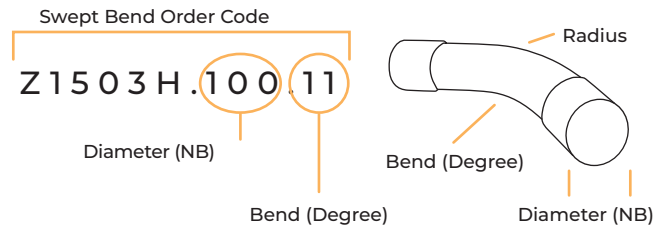
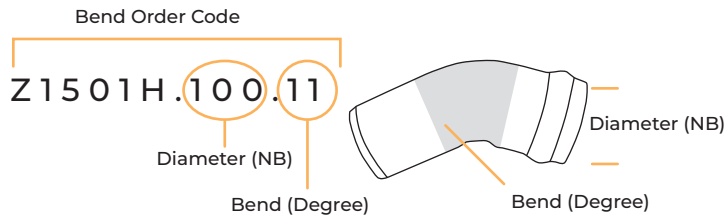
Code	Size (NB)
S1511.175HD	175
S1511.225HD	225
S1511.300HD	300



SN16 DWV RRJ DBL Coupler

Z1511

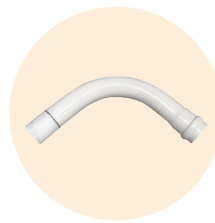
Code	Size (NB)
Z1511.100HD	100
Z1511.150HD	150
Z1511.175HD	175
Z1511.225HD	225
Z1511.300HD	300



SN16 DWV RRJ Bend

Z1501H

Code	Size (NB)	Bend
Z1501H.100.11	100	11°
Z1501H.100.22	100	22°
Z1501H.100.45	100	45°
Z1501H.100.90	100	90°
Z1501H.150.11	150	11°
Z1501H.150.22	150	22°
Z1501H.150.45	150	45°
Z1501H.150.90	150	90°
Z1501H.175.11	175	11°
Z1501H.175.22	175	22°
Z1501H.175.45	175	45°
Z1501H.175.90	175	90°
Z1501H.225.11	225	11°
Z1501H.225.22	225	22°
Z1501H.225.45	225	45°
Z1501H.225.90	225	90°
Z1501H.300.11	300	11°
Z1501H.300.22	300	22°
Z1501H.300.45	300	45°
Z1501H.300.90	300	90°
1501H.375.45	375	45°
Z1501H.375.90	375	90°



SN16 DWV RRJ Formed Swept Bend

Z1503H

Code	Size (NB)	Bend
Z1503H.100.11	100	11°
Z1503H.100.22	100	22°
Z1503H.100.45	100	45°
Z1503H.100.90	100	90°
Z1503H.150.11	150	11°
Z1503H.150.11R720	150	11°
Z1503H.150.22	150	22°
Z1503H.150.22R720	150	22°
Z1503H.150.45	150	45°
Z1503H.150.45R1280	150	45°
Z1503H.150.90	150	90°
Z1503H.150.90R1920	150	90°
Z1503H.175.11	175	11°
Z1503H.175.22	175	22°
Z1503H.175.45	175	45°
Z1503H.175.90	175	90°



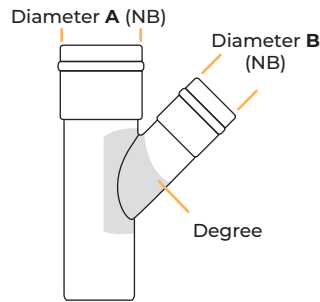
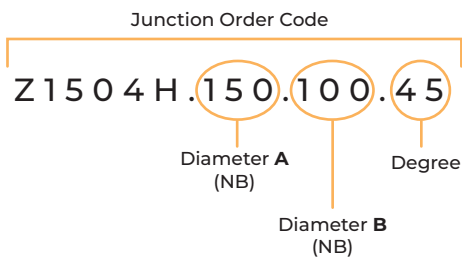
SN16 DWV RRJ Junction 45

Z1504H

Code	Size (NB)	Bend
Z1504H.100.45	100	45°
Z1504H.150.100.45	150 . 100	45°
Z1504H.150.45	150	45°
Z1504H.175.100.45	175 . 100	45°
Z1504H.175.150.45	175 . 150	45°
Z1504H.175.45	175	45°
Z1504H.225.100.45	225 . 100	45°
Z1504H.225.150.45	225 . 150	45°
Z1504H.225.175.45	225 . 175	45°

Continue to the next column.

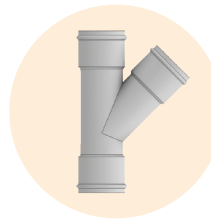
SN16



SN16 DWV RRJ Junction 45 *continues*

Z1504H

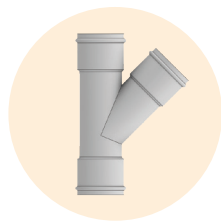
Code	Size (NB)	Bend
Z1504H.225.45	225	45°
Z1504H.300.100.45	300 . 100	45°
Z1504H.300.150.45	300 . 150	45°
Z1504H.300.175.45	300 . 175	45°
Z1504H.300.225.45	300 . 225	45°
Z1504H.300.45	300	45°
Z1504H.375.100.45	375 . 100	45°
Z1504H.375.150.45	375 . 150	45°
Z1504H.375.175.45	375 . 175	45°
Z1504H.375.225.45	375 . 225	45°
Z1504H.375.300.45	375 . 300	45°
Z1504H.375.45	375	45°



SN16 DWV RRJ Junction 45 Z Both *continues*

1504H

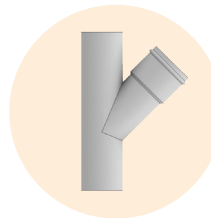
Code	Size (NB)	Bend
1504H.300.225.45Z	300 . 225	45°
1504H.300.45Z	300	45°
1504H.375.100.45Z	375 . 100	45°
1504H.375.150.45Z	375 . 150	45°
1504H.375.175.45Z	375 . 175	45°
1504H.375.225.45Z	375 . 225	45°
1504H.375.45Z	375	45°



SN16 DWV RRJ Junction 45 Z Both Ends

1504H

Code	Size (NB)	Bend
1504H.100.45Z	100	45°
1504H.150.100.45Z	150 . 100	45°
1504H.150.45Z	150	45°
1504H.175.100.45Z	175 . 100	45°
1504H.175.150.45Z	175 . 150	45°
1504H.175.45Z	175	45°
1504H.225.100.45Z	225 . 100	45°
1504H.225.150.45Z	225 . 150	45°
1504H.225.175.45Z	225 . 175	45°
1504H.225.45Z	225	45°
1504H.300.100.45Z	300 . 100	45°
1504H.300.150.45Z	300 . 150	45°
1504H.300.175.45Z	300 . 175	45°



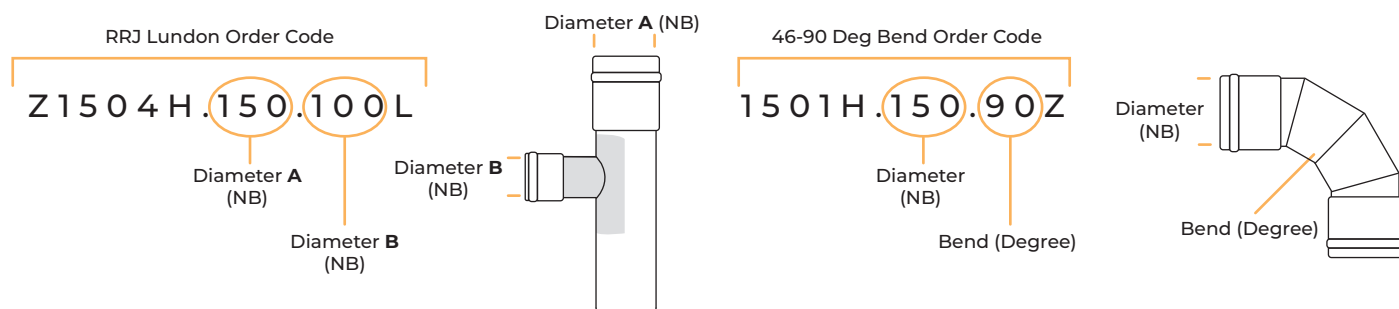
SN16 DWV RRJ Junction 45 Spigot Both Ends

1504H

Code	Size (NB)	Bend
1504H.100.45S	100	45°
1504H.150.100.45S	150 . 100	45°
1504H.150.45S	150	45°
1504H.175.100.45S	175 . 100	45°
1504H.175.150.45S	175 . 150	45°
1504H.175.45S	175	45°
1504H.225.100.45S	225 . 100	45°
1504H.225.150.45S	225 . 150	45°
1504H.225.45S	225	45°
1504H.300.100.45S	300 . 100	45°
1504H.300.150.45S	300 . 150	45°
1504H.300.225.45S	300 . 225	45°
1504H.300.45S	300	45°
1504H.375.100.45S	375 . 100	45°
1504H.375.150.45S	375 . 150	45°
1504H.375.225.45S	375 . 225	45°
1504H.375.45S	375	45°

Continue to the next column.

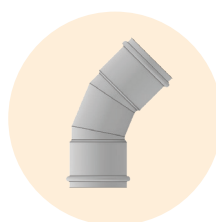
SN16



SN16 DWV RRJ London

Z1504H

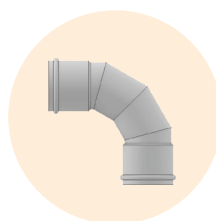
Code	Size (NB)
Z1504H.100L	100
Z1504H.150.100L	150 . 100
Z1504H.150L	150
Z1504H.175.100L	175 . 100
Z1504H.175.150L	175 . 150
Z1504H.175L	175
Z1504H.225.100L	225 . 100
Z1504H.225.150L	225 . 150
Z1504H.225.175L	225 . 175
Z1504H.225L	225
Z1504H.300.100L	300 . 100
Z1504H.300.150L	300 . 150
Z1504H.300.175L	300 . 175
Z1504H.300.225L	375 . 225
Z1504H.300L	300



0-45 Deg Bend SN16 RRJ RRJ

1501H

Code	Size (NB)	Bend
1501H.150.45Z	150	45°
1501H.175.45Z	175	45°
1501H.225.45Z	225	45°
1501H.300.45Z	300	45°
1501H.375.45Z	375	45°



46-90 Deg Bend SN16 RRJ RRJ

1501H

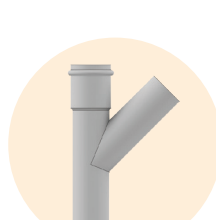
Code	Size (NB)	Bend
1501H.150.90Z	150	90°
1501H.175.90Z	175	90°
1501H.225.90Z	225	90°
1501H.300.90Z	300	90°
1501H.375.90Z	375	90°



SN16 RRJ London Spigot Both Ends

1504H

Code	Size (NB)
1504H.150.100LS	150 . 100
1504H.150LS	150
1504H.225.100LS	225 . 100
1504H.225.150LS	225 . 150
1504H.225LS	225
1504H.300.150LS	300 . 150
1504H.375.100LS	375 . 100
1504H.375.150LS	375 . 150
1504H.375LS	375

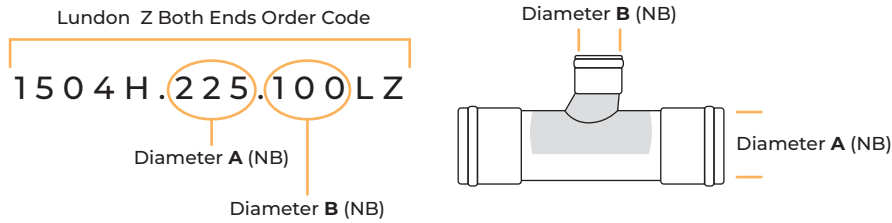


Junction RRJ SP SP

Z1504H

Code	Size (NB)	Bend
Z1504H.150.45SP	150	45°
Z1504H.175.45SP	175	45°
Z1504H.225.45SP	225	45°
Z1504H.300.45SP	300	45°
Z1504H.375.45SP	375	45°

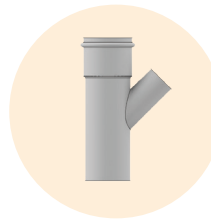
SN16



SN16 RRJ Lundon Z Both Ends

1504H

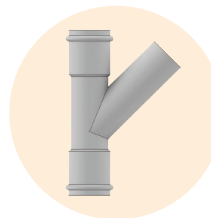
Code	Size (NB)
1504H.100LZ	100
1504H.150.100LZ	150 . 100
1504H.150LZ	150
1504H.175.100LZ	175 . 100
1504H.175.150LZ	175 . 150
1504H.175LZ	175
1504H.225.100LZ	225 . 100
1504H.225.150LZ	225 . 150
1504H.225.175LZ	225 . 175
1504H.225LZ	225
1504H.300.100LZ	300 . 100
1504H.300.150LZ	300 . 150
1504H.300.175LZ	300 . 175
1504H.300.225LZ	300 . 225
1504H.300LZ	300
1504H.375.100LZ	375 . 100
1504H.375.150LZ	375 . 150
1504H.375.175LZ	375 . 175
1504H.375.225LZ	375 . 225
1504H.375LZ	375



SN16 Reducing Junction 45 RRJ SP SP

Z1504H

Code	Size (NB)	Bend
Z1504H.150.100.45SP	150 . 100	45°
Z1504H.175.100.45SP	175 . 100	45°
Z1504H.175.150.45SP	175 . 150	45°
Z1504H.225.100.45SP	225 . 100	45°
Z1504H.225.150.45SP	225 . 150	45°
Z1504H.225.175.45SP	225 . 175	45°
Z1504H.300.100.45SP	300 . 100	45°
Z1504H.300.150.45SP	300 . 150	45°
Z1504H.300.175.45SP	300 . 175	45°
Z1504H.300.225.45SP	300 . 225	45°
Z1504H.375.100.45SP	375 . 100	45°
Z1504H.375.150.45SP	375 . 150	45°
Z1504H.375.175.45SP	375 . 175	45°
Z1504H.375.225.45SP	375 . 225	45°
Z1504H.375.300.45SP	375 . 300	45°

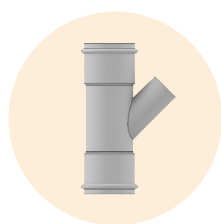
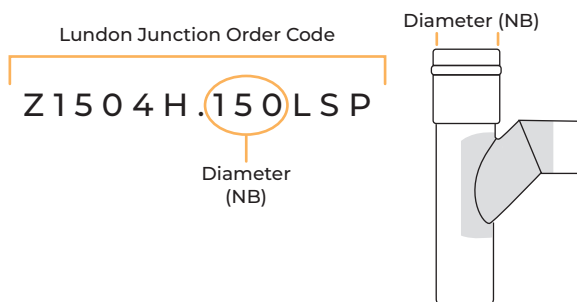
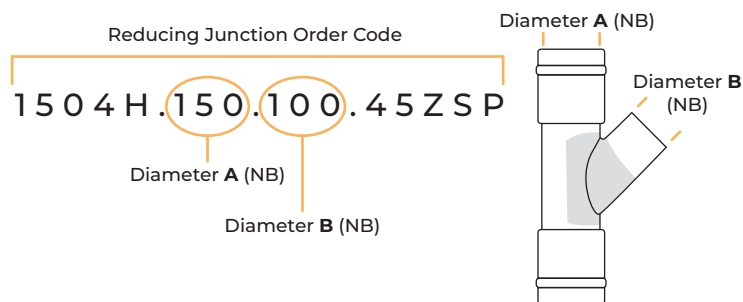


SN16 Junction 45 RRJ RRJ SP

1504H

Code	Size (NB)	Bend
1504H.150.45ZSP	150	45°
1504H.175.45ZSP	175	45°
1504H.225.45ZSP	225	45°
1504H.300.45ZSP	300	45°
1504H.375.45ZSP	375	45°

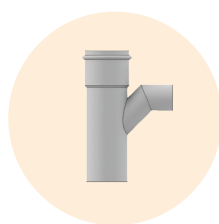
SN16



SN16 Reducing Junction 45° RRJ SP

1504H

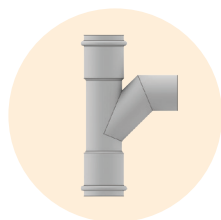
Code	Size (NB)	Bend
1504H.150.100.45ZSP	150 . 100	45°
1504H.175.100.45ZSP	175 . 150	45°
1504H.175.150.45ZSP	175 . 150	45°
1504H.175.150.45ZSP	175 . 150	45°
1504H.225.150.45ZSP	225 . 150	45°
1504H.225.175.45ZSP	200 . 175	45°
1504H.300.100.45ZSP	300 . 100	45°
1504H.300.150.45ZSP	300 . 150	45°
1504H.300.175.45ZSP	300 . 175	45°
1504H.300.225.45ZSP	300 . 225	45°
1504H.375.100.45ZSP	375 . 100	45°
1504H.375.150.45ZSP	375 . 150	45°
1504H.375.175.45ZSP	375 . 175	45°
1504H.375.225.45ZSP	375 . 225	45°
1504H.375.300.45ZSP	375 . 300	45°



SN16 Reducing Lundon RRJ SP SP

Z1504H

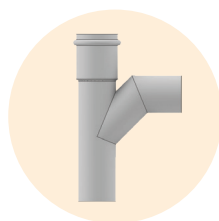
Code	Size (NB)
Z1504H.150.100LSP	150 . 100
Z1504H.175.100LSP	175 . 100
Z1504H.175.150LSP	175 . 150
Z1504H.225.100LSP	225 . 100
Z1504H.225.150LSP	225 . 150
Z1504H.225.175LSP	225 . 175
Z1504H.300.100LSP	300 . 100
Z1504H.300.150LSP	300 . 150
Z1504H.300.175LSP	300 . 175
Z1504H.300.225LSP	300 . 225
Z1504H.375.100LSP	375 . 100
Z1504H.375.150LSP	375 . 150
Z1504H.375.175LSP	375 . 175
Z1504H.375.225LSP	375 . 225
Z1504H.375.300LSP	375 . 300



SN16 Lundon Junction RRJ SP SP

1504H

Code	Size (NB)
1504H.150LZSP	150
1504H.175LZSP	175
1504H.225LZSP	225
1504H.300LZSP	300
1504H.375LZSP	375

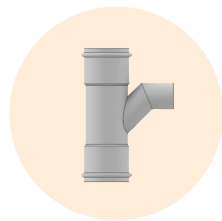
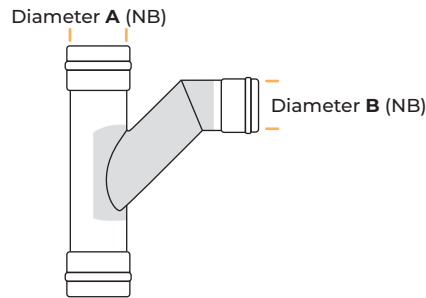
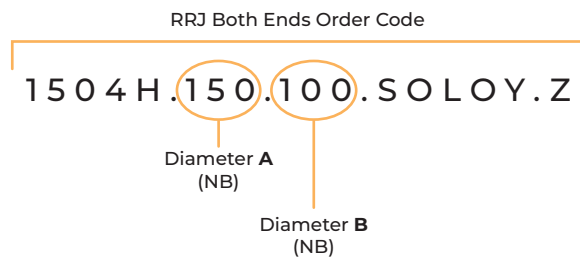


SN16 Lundon Junction RRJ SP SP

Z1504H

Code	Size (NB)
Z1504H.150LSP	150
Z1504H.175LSP	175
Z1504H.225LSP	225
Z1504H.300LSP	300
Z1504H.375LSP	375

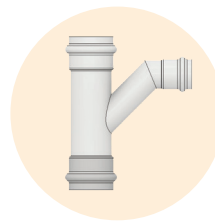
SN16



SN16 Reducing London Junction RRJ RRJ SP

1504H

Code	Size (NB)
1504H.150.100LZSP	150 . 100
1504H.175.100LZSP	175 . 100
1504H.175.150LZSP	175 . 150
1504H.225.100LZSP	225 . 100
1504H.225.150LZSP	225 . 150
1504H.225.150LZSP	225 . 150
1504H.225.175LZSP	225 . 175
1504H.300.100LZSP	300 . 100
1504H.300.150LZSP	300 . 150
1504H.300.175LZSP	300 . 175
1504H.300.225LZSP	300 . 225
1504H.375.100LZSP	375 . 100
1504H.375.150LZSP	375 . 150
1504H.375.175LZSP	375 . 175
1504H.375.225LZSP	375 . 225
1504H.375.300LZSP	375 . 300



SN16 DWV RRJ Both Ends Solo Watercare Wye uPVC *continues*

1504H

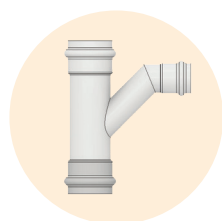
Code	Size (NB)
1504H.225.150.SOLOY.Z	225 . 150
1504H.225.SOLOY.Z	225
1504H.300.100.SOLOY.Z	300 . 100
1504H.375.100.SOLOY.Z	375 . 100
1504H.375.150.SOLOY.Z	375 . 150
1504H.300.225.SOLOY.Z	300 . 225



SN16 DWV RRJ Solo Watercare Wye uPVC

Z1504H

Code	Size (NB)
Z1504H.100.SOLOY	100
Z1504H.150.SOLOY	150
Z1504H.150.100.SOLOY	150 . 100
Z1504H.175.SOLOY	175
Z1504H.175.100.SOLOY	175 . 100
Z1504H.175.150.SOLOY	175 . 150
Z1504H.225.SOLOY	225
Z1504H.225.100.SOLOY	225 . 100
Z1504H.225.150.SOLOY	225 . 150
Z1504H.225.175.SOLOY	225 . 175
Z1504H.300.SOLOY	300
Z1504H.300.100.SOLOY	300 . 100
Z1504H.300.150.SOLOY	300 . 150
Z1504H.300.175.SOLOY	300 . 175
Z1504H.300.225.SOLOY	300 . 225



SN16 DWV RRJ Both Ends Solo Watercare Wye uPVC

1504H

Code	Size (NB)
1504H.100.SOLOY.Z	100
1504H.150.100.SOLOY.Z	150 . 100
1504H.150.SOLOY.Z	150
1504H.175.100.SOLOY.Z	175 . 100
1504H.225.100.SOLOY.Z	225 . 100

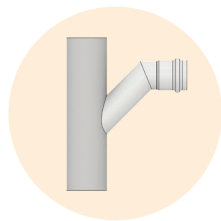
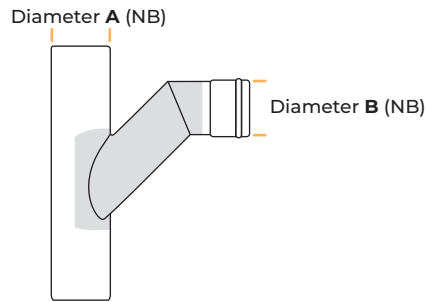
Continue to the next column.

Spigot Both Ends Order Code

1504H.175.150.SOLOY.S

Diameter A (NB)

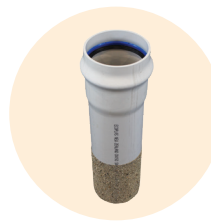
Diameter B (NB)



SN16 DWV Spigot Both Ends Solo Watercare Wye

1504H

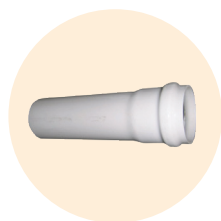
Code	Size (NB)
1504H.100.SOLOY.S	100
1504H.150.100.SOLOY.S	150 . 100
1504H.150.SOLOY.S	150
1504H.175.100.SOLOY.S	175 . 100
1504H.175.150.SOLOY.S	175 . 150
1504H.225.SOLOY.S	225
1504H.225.100.SOLOY.S	225 . 100
1504H.225.150.SOLOY.S	225 . 150
1504H.300.100.SOLOY.S	300 . 100
1504H.300.150.SOLOY.S	300 . 150



Gritted Starter 600 Long for DWV SN16 RRJ

Z1500HS

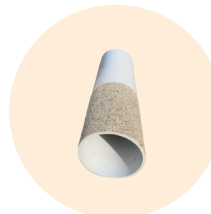
Code	Size (NB)	Length
Z1500HS.100.600	100	0.6m
Z1500HS.150.600	150	0.6m
Z1500HS.175.600	175	0.6m
Z1500HS.225.600	225	0.6m
Z1500HS.300.600	300	0.6m
Z1500HS.375.600	375	0.6m



SN16 DWV RRJ Manhole Short UG

Z1500H

Code	Size (NB)	Length
Z1500H.100.1	100	1m
Z1500H.100.600	100	0.6m
Z1500H.150.1	150	1m
Z1500H.150.600	150	0.6m
Z1500H.175.1	175	1m
Z1500H.175.600	175	0.6m
Z1500H.225.1	225	1m
Z1500H.225.600	225	0.6m
Z1500H.300.1	300	1m
Z1500H.300.600	300	0.6m
Z1500H.375.600	375	0.6m



Finisher Gritted Manhole Connector

1500HF

Code	Size (NB)
1500HF.100.600	100
1500HF.125.600	125
1500HF.150.600	150
1500HF.175.600	175
1500HF.225.600	225
1500HF.300.600	300
1500HF.375.600	375

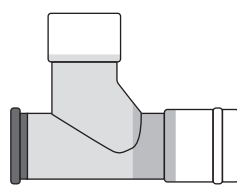
SN16

Drop Junction Order Code

IDJ.100C

Diameter (NB)

Diameter (NB)

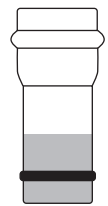


PVC Hydrophilic Manhole Starter Order Code

Z1500HF.100.600

Diameter (NB)

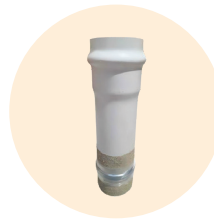
Diameter (NB)



SN16 DWV Drop Junction Waitakere RRJ

IDJ

Code	Size (NB)
IDJ.100C	100
IDJ.150C	150
IDJ.175C	175
IDJ.225C	225
IDJ.300C	300



Gritted Manhole Starter Sewer Hydrophilic Seal

Z1500
HYDROS

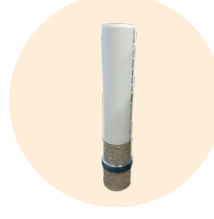
Code	Size (NB)
Z1500HYDROS.100.600	100
Z1500HYDROS.150.600	150
Z1500HYDROS.175.600	175
Z1500HYDROS.225.600	225
Z1500HYDROS.300.600	300
Z1500HYDROS.375.600	375



SN16 DWV Internal Drop Junction Manukau City RRJ

DJ

Code	Size (NB)
DJ100	100
DJ150	150
DJ225	225



Finisher Hydrophilic Manhole Connector

1500
HYDROF

Code	Size (NB)
1500HYDROF.100.600	100
1500HYDROF.150.600	150
1500HYDROF.175.600	175
1500HYDROF.225.600	225
1500HYDROF.300.600	300



1580 Manhole Connector

1580

Code	Size (NB)
1580.100	100
1580.150	150
1580.175	175
1580.225	225
1580.300	300
1580.375	375



SN16 Pipe PVC RRJ

Z100
SN16

Code	Size (NB)
Z100SN16.100.6	100
Z100SN16.150.6	150
Z100SN16.175.6	175
Z100SN16.225.6	225
Z100SN16.300.6	300
Z100SN16.375.6	375
Z100SN16.475.6	475
Z100SN16.525.6	525



ELECTRICAL AND TELECOMMUNICATIONS RANGE

ELECTRICAL AND TELECOMMUNICATIONS RANGE

ELECTRICAL

- 30** Electrical Duct Swept Bend SCJ uPVC
- 31** Orange Electrical Duct SOE MD PVC
- Orange Electrical Duct SOE HD PVC
- Electrical Conduit Orange / Grey HD PVC
- Electrical Double Coupler SCJ

TELECOMMUNICATIONS

- 32** Green Telco Bend SCJ
- White Telco Bend SCJ
- Telco Chorus Double Coupler SCJ
- 33** Red Telco Duct Bends uPVC SCJ
- Green Telco/Chorus Duct PVC

Other colours available. Any radius fabricated.



CATEGORY A
UNDERGROUND
WIRING SYSTEM



CATEGORY B
UNDERGROUND
WIRING SYSTEM



HEAVY DUTY



MEDIUM DUTY



HD BENDS
EXTENSIVE
FITTINGS RANGE



MD BENDS
EXTENSIVE
FITTINGS RANGE



SERVICE
TEMPERATURE
RANGE



COMPLIANCE
& STANDARDS

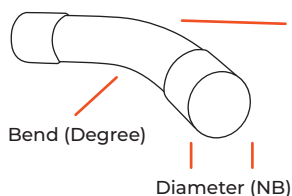
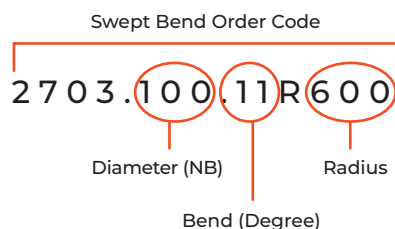


100%
RECYCLABLE

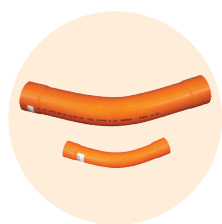


MD | HD BENDS

Code breakdown



Depending on the type of product, the following illustrations explain what the code numbers mean.



Electrical Duct Swept Bend SCJ uPVC

2703

Code

Other Radius

2703.32.11

2703.32.22

2703.32.45

2703.32.90

2703.40.11

2703.40.22

2703.40.45

2703.40.90

2703.50.11

400/600/900/1200/1500

2703.50.22

400/600/900/1200/1500

2703.50.45

400/600/900/1200/1500

2703.50.90

400/600/900/1200/1500

2703.65.11

400/600/900/1200/1500

2703.65.22

400/600/900/1200/1500

2703.65.45

400/600/900/1200/1500

2703.65.90

400/600/900/1200/1500

2703.80.11

600/900/1200/1500

2703.80.22

600/900/1200/1500

2703.80.45

600/900/1200/1500

2703.80.90

600/900/1200/1500

2703.100.11

600/900/1200/1500/2400

2703.100.22

600/900/1200/1500/2400

2703.100.45

600/900/1200/1500/2400

2703.100.90

600/900/1200/1500/2400

2703.150.11

600/900/1200/1500/2400

2703.150.22

600/900/1200/1500/2400

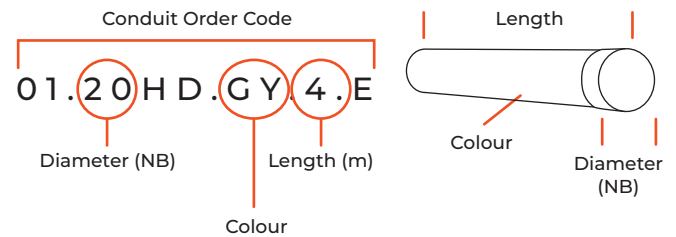
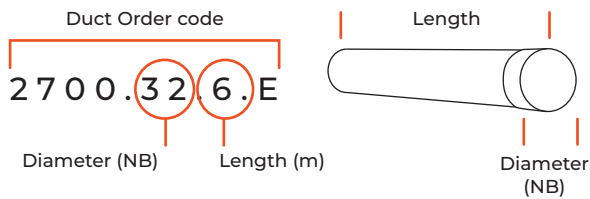
2703.150.45

600/900/1200/1500/2400

2703.150.90

600/900/1200/1500/2400

MD | HD DUCT & CONDUIT | ELECTRICAL COUPLERS



Orange Electrical Duct SOE MD PVC

2700

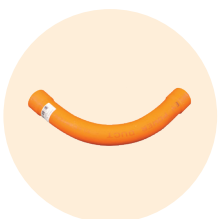
Code	Size (NB)	Length	Colour
2700.32.6.E	32	6m	Orange
2700.40.6.E	40	6m	Orange
2700.50.6.E	50	6m	Orange
2700.65.6.E	65	6m	Orange
2700.80.6.E	80	6m	Orange
2700.100.6.E	100	6m	Orange
2700.150.6.E	150	6m	Orange



Orange Electrical Duct SOE HD PVC

2700H

Code	Size (NB)	Length	Colour
2700H.80.6.E	80	6m	Orange
2700H.100.6.E	100	6m	Orange
2700H.150.6.E	150	6m	Orange



Conduit Swept Bends

2703H

Code	Bend	Std Radius (NB)
2703H.32.22	22°	100
2703H.32.45	45°	100
2703H.32.90	90°	100
2703H.40.22	22°	130
2703H.40.45	45°	130
2703H.40.90	90°	130
2703H.50.22	22°	150
2703H.50.45	45°	150
2703H.50.90	90°	150



Electrical Conduit Orange/Grey HD PVC

01

Code	Size (NB)	Length	Colour
01.20HD.GY.4.E	20	4m	Grey
01.20HD.O.4.E	20	4m	Orange
01.25HD.GY.4.E	25	4m	Grey
01.25HD.O.4.E	25	4m	Orange
01.32HD.GY.4.E	32	4m	Grey
01.32HD.O.4.E	32	4m	Orange
01.40HD.GY.4.E	40	4m	Grey
01.40HD.O.4.E	40	4m	Orange
01.50HD.GY.4.E	50	4m	Grey
01.50HD.O.4.E	50	4m	Orange



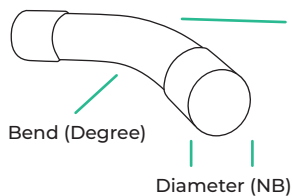
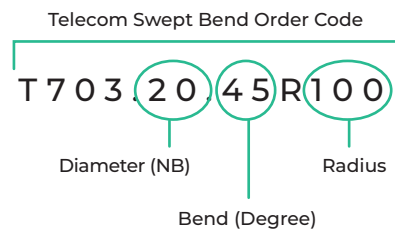
Electrical Double Coupler SCJ

2710

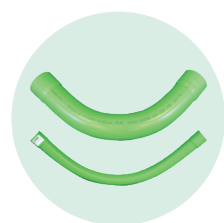
Code	Size (NB)	Colour
2710.40	40	Orange
2710.50	50	Orange
2710.65	65	Orange
2710.80	80	Orange
2710.100	100	Orange
2710.150	150	Orange

TELCO BENDS

Code breakdown



Depending on the type of product, the following illustrations explain what the code numbers mean.



Green Telco Bend SCJ

T703

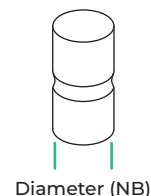
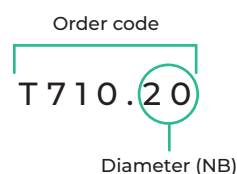
Code	Size (NB)	Bend	RAD
T703.20.45R100	20	45°	100
T703.20.45R240	20	45°	240
T703.20.90R240	20	90°	240
T703.20.90R300	20	90°	300
T703.50.11	50	11°	
T703.50.22	50	22°	
T703.50.45	50	45°	
T703.50.45R400	50	45°	400
T703.50.90	50	90°	
T703.50.90R400	50	90°	400
T703.100.11	100	11°	
T703.100.22	100	22°	
T703.100.22R900	100	22°	900
T703.100.30	100	30°	
T703.100.45	100	45°	
T703.100.90	100	90°	
T703.100.90R400	100	90°	400
T703.100.90R600	100	90°	600
T703.100.90R900	100	90°	900



White Telco Bend SCJ

W730

Code	Size (NB)	Bend	RAD
W703.20.45R100	20	45°	100
W703.20.90R100	20	90°	100
W703.50.45	50	45°	
W703.50.90	50	90°	
W703.100.45	100	45°	
W703.100.90	100	90°	

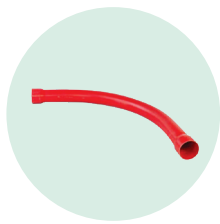
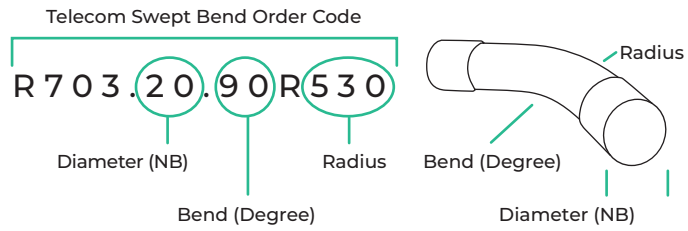


Telco Chorus Double Coupler SCJ

T710

Code	Size (NB)
T710.20	20
T710.50	50
T710.100	100

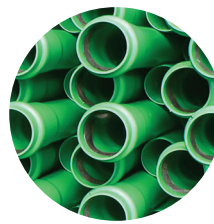
TELCO BENDS



Red Telco Duct Bends uPVC SCJ

W703

Code	Size (NB)	Bend	RAD
R703.50.45	50	45°	
R703.50.90	50	90°	
R703.100.45	100	45°	
R703.100.90	100	90°	
R703.20.90R530	20	90°	530
R703.50.45R400	50	45°	400
R703.50.90R600	50	90°	600
R703.100.22R350	100	22°	350
R703.100.22R600	100	22°	600
R703.100.22R900	100	22°	900
R703.100.30R350	100	30°	350
R703.100.45R350	100	45°	350
R703.100.45R600	100	45°	600
R703.100.45R900	100	45°	900
R703.100.90R350	100	90°	350
R703.100.90R600	100	90°	600



Green Telco/Chorus Duct PVC

TC

Code	Size (NB)	Length	Socket
TC20.SCJ.E	20	6m	SCJ
TC50.RRJ.E	100	6m	RRJ
TC110.RRJ.E	100	6m	RRJ



STORMWATER RANGE

STORMWATER RANGE

MOULDED

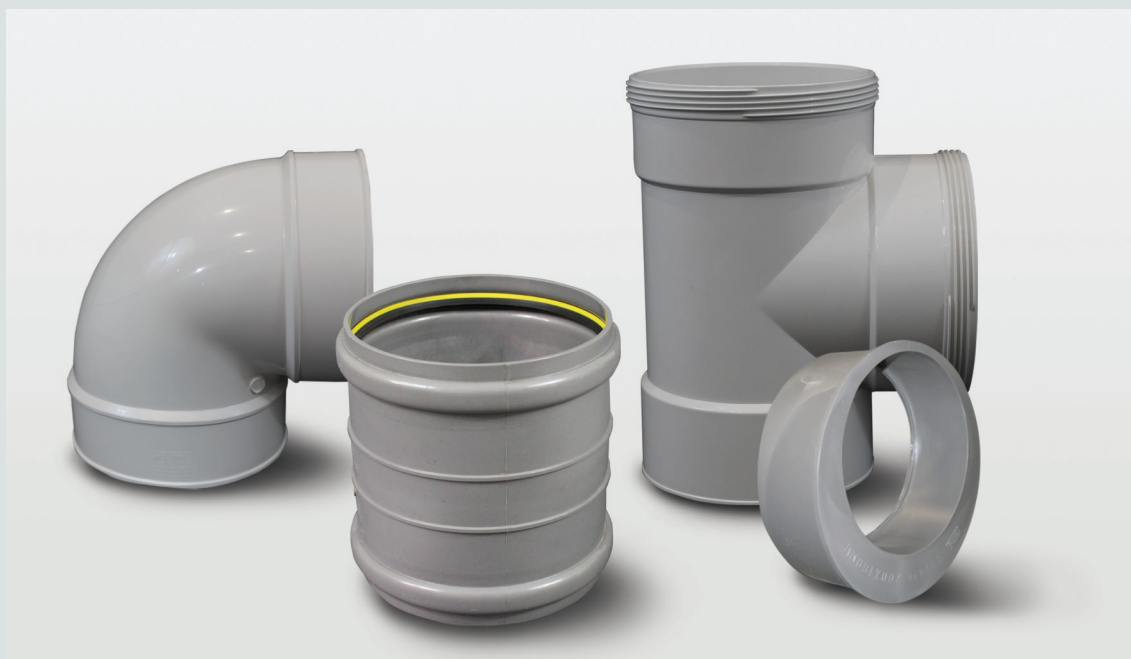
36-37 Bends | Junctions | Couplers
Caps

FABRICATED UNGLASSED/FORMED

40-43 Bends | Junctions | Saddles
Caps

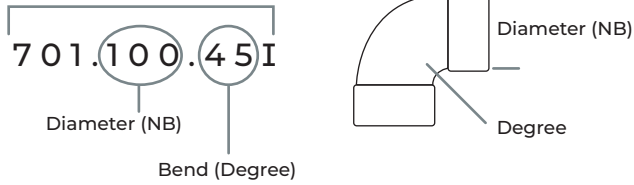
FABRICATED GLASSED

38-39 Bends | Junctions | Saddles
Couplers | Inverts



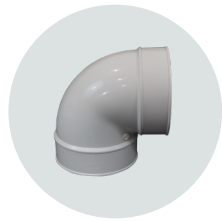
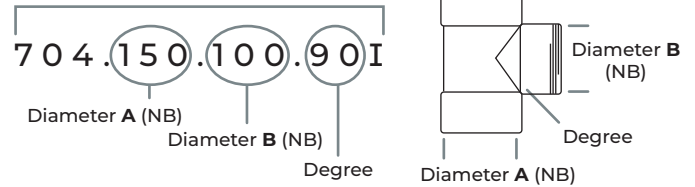
Code breakdown

Moulded Elbow Bend Order Code



Depending on the type of product, the following illustrations explain what the code numbers mean.

S/W Reducing Junction Order Code



S/W Elbow Bend Moulded SCJ uPVC

701

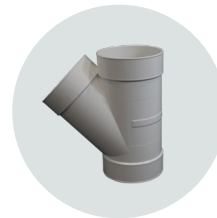
Code	Size (NB)	Bend
701.100.45I	100	45°
701.100.90I	100	90°
701.150.15I	150	15°
701.150.45I	150	45°
701.150.90I	150	90°
701.175.45I	175	45°
701.175.90I	175	90°
701.225.15I	225	45°
701.225.45I	225	45°
701.225.90I	225	90°
701.300.45I	300	45°
701.300.90I	300	90°
701.375.45I	375	45°
701.375.90I	375	90°



S/W Red Reducing Junction 90 Moulded uPVC

704

Code	Size (NB)	Bend
704.150.100.90I	150 . 100	90°
704.175.100.90I	175 . 100	90°
704.175.150.90I	175 . 150	90°
704.225.100.88I	225 . 100	90°
704.225.150.88I	225 . 150	90°



S/W Junction 45 Moulded uPVC

704

Code	Size (NB)	Bend
704.150.45I	150	45°
704.175.45I	175	45°
704.225.45I	225	45°
704.300.45I	300	45°



S/W Red Reducing Junction 45 Moulded uPVC

704

Code	Size (NB)	Bend
704.150.100.45I	150 . 100	45°
704.225.100.45I	225 . 100	45°
704.225.150.45I	225 . 150	45°
704.225.175.45I	225 . 175	45°
704.300.175.45I	300 . 175	45°
Z704.300.175.45I	300 . 175	45°

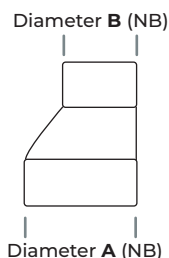
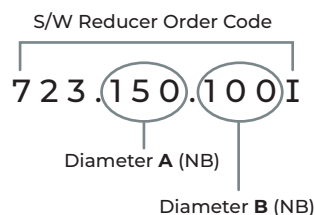


S/W Junction 90 Moulded uPVC

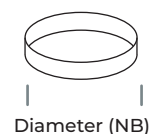
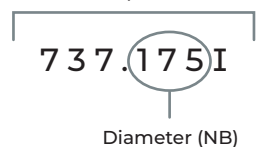
704

Code	Size (NB)	Bend
704.150.90I	150	90°
704.175.90I	175	90°
704.225.90I	225	90°
704.300.90I	300	90°

MOULDED



S/W End Cap Order Code

S/W Reducer
Moulded MF uPVC

723

Code	Size (NB)
723.150.100I	150 . 100
723.175.150I	175 . 150
723.225.150I	225 . 150
723.225.175I	225 . 175
723.300.175I	300 . 175
723.300.225I	300 . 225

S/W End Cap
uPVC

737

Code	Size (NB)
737.175I	175

S/W Reducer Bush
Moulded uPVC

724

Code	Size (NB)	Type
724.150.100I	150 . 100	Level Invert
724.175.150I	175 . 150	Level Invert
724.225.175I	225 . 175	Level Invert

DWV Moulded RRJ
Slip Coupler

S1511

Code	Size (NB)	Type
S1511.100I	100	FF
S1511.150I	150	FF
S1511.175I	175	FF
S1511.225I	225	FF
S1511.300I	300	FF

S/W Access Cap
Moulded uPVC

736

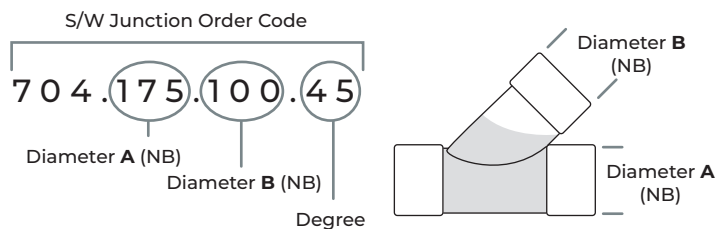
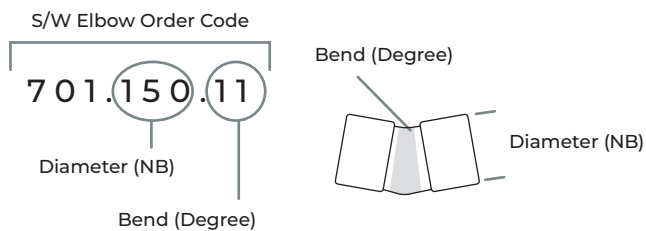
Code	Size (NB)
736.100	100
736.150	150
736.175	175
736.225	225
736.300	300

S/W Vermin
Stoppers PVC

183

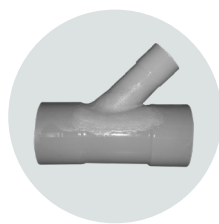
Code	Size (NB)
183.100	100
183.150	150
183.225	225

FABRICATED GLASSED

S/W Elbow Bend
Glassed SCJ uPVC

701

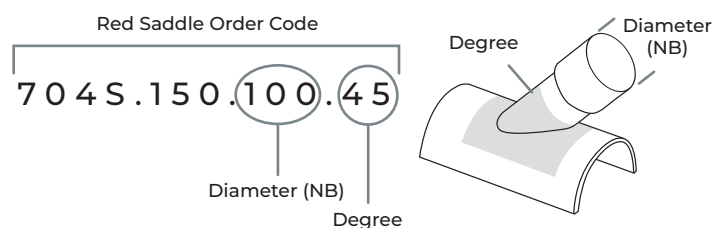
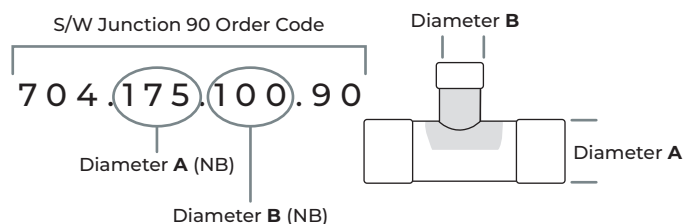
Code	Size (NB)	Bend
701.150.11	150	11°
701.150.22	150	22°
701.150.45	150	45°
701.150.90	150	90°
701.175.11	175	11°
701.175.22	175	22°
701.175.45	175	45°
701.175.90	175	90°
701.225.11	225	11°
701.225.22	225	22°
701.225.45	225	45°
701.225.90	225	90°
701.300.11	300	11°
701.300.22	300	22°
701.300.45	300	45°
701.300.90	300	90°
701.375.11	375	11°
701.375.22	375	22°
701.375.45	375	45°
701.375.90	375	90°
701.475.11	475	11°
701.475.22	475	22°
701.475.45	475	45°
701.475.90	475	90°

S/W Junction
Glassed 45 SCJ
UPVC

704

Code	Size (NB)	Bend
704.175.100.45	175 . 100	45°
704.175.150.45	175 . 150	45°
704.175.45	175	45°
704.225.100.45	225 . 100	45°
704.225.150.45	225 . 150	45°
704.225.175.45	225 . 175	45°
704.225.45	225	45°
704.300.100.45	300 . 100	45°
704.300.150.45	300 . 150	45°
704.300.175.45	300 . 175	45°
704.300.225.45	300 . 225	45°
704.300.45	300	45°
704.375.100.45	375 . 100	45°
704.375.150.45	375 . 150	45°
704.375.175.45	375 . 175	45°
704.375.225.45	375 . 225	45°
704.375.300.45	375 . 300	45°
704.375.45	375	45°
704.475.150.45	475 . 150	45°
704.475.175.45	475 . 175	45°
704.475.225.45	475 . 225	45°
704.475.300.45	475 . 300	45°
704.475.375.45	475 . 375	45°
704.475.45	475	45°

FABRICATED GLASSED



S/W Junction
Glassed 90 SCJ
uPVC

704

Code	Size (NB)	Bend
704.175.100.90	175 . 100	90°
704.175.150.90	175 . 150	90°
704.175.90	175	90°
704.225.100.90	225 . 100	90°
704.225.150.90	225 . 150	90°
704.225.175.90	225 . 175	90°
704.225.90	225	90°
704.300.100.90	300 . 100	90°
704.300.150.90	300 . 150	90°
704.300.175.90	300 . 175	90°
704.300.225.90	300 . 225	90°
704.300.90	300	90°
704.375.100.90	375 . 100	90°
704.375.150.90	375 . 150	90°
704.375.175.90	375 . 175	90°
704.375.225.90	375 . 225	90°
704.375.300.90	375 . 300	90°
704.375.90	375	90°
704.475.150.90	475 . 150	90°
704.475.175.90	475 . 175	90°
704.475.225.90	475 . 225	90°
704.475.300.90	475 . 300	90°
704.475.375.90	475 . 375	90°
704.475.90	475	90°

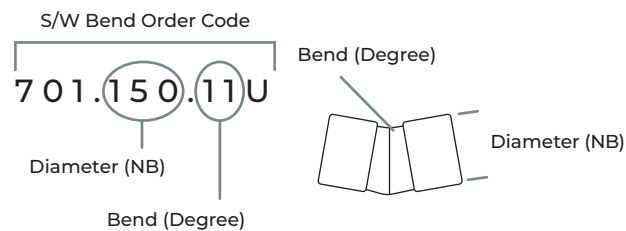
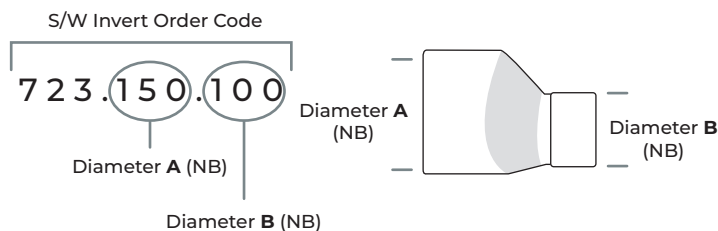


S/W Red Saddle
Glassed 45 uPVC

704S

Code	Size (NB)	Bend
704S.150.100.45	150 . 100	45°
704S.175.100.45	175 . 100	45°
704S.175.150.45	175 . 150	45°
704S.225.100.45	225 . 100	45°
704S.225.150.45	225 . 150	45°
704S.225.175.45	225 . 175	45°
704S.300.100.45	300 . 100	45°
704S.300.150.45	300 . 150	45°
704S.300.175.45	300 . 175	45°
704S.300.225.45	300 . 225	45°
704S.375.100.45	375 . 100	45°
704S.375.150.45	375 . 150	45°
704S.375.175.45	375 . 175	45°
704S.375.225.45	375 . 225	45°
704S.375.300.45	375 . 300	45°

FABRICATED UNGLASSED/FORMED

S/W Level Invert
SCJ uPVC

723

Code	Size (NB)
723.150.100	150 . 100
723.175.100	175 . 100
723.175.150	175 . 150
723.225.100	225 . 100
723.225.150	225 . 150
723.225.175	225 . 175
723.300.100	300 . 100
723.300.150	300 . 150
723.300.175	300 . 175
723.300.225	300 . 225
723.375.100	375 . 100
723.375.150	375 . 150
723.375.175	375 . 175
723.375.225	375 . 225
723.375.300	375 . 300
723.475.175	475 . 175
723.475.225	475 . 225
723.475.300	475 . 300
723.475.375	475 . 375

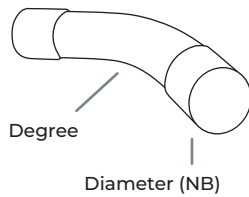
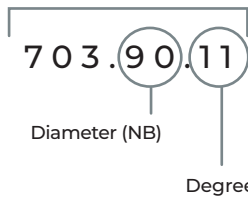
S/W Bend
Unglassed SCJ
uPVC

701

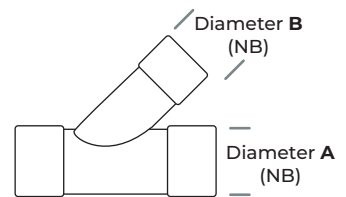
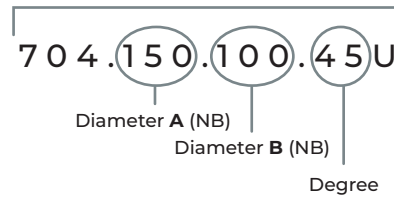
Code	Size (NB)	Bend
701.150.11U	150	11°
701.150.22U	150	22°
701.150.45U	150	45°
701.150.90U	150	90°
701.175.11U	175	11°
701.175.22U	175	22°
701.175.45U	175	45°
701.175.90U	175	90°
701.225.11U	225	11°
701.225.22U	225	22°
701.225.45U	225	45°
701.225.90U	225	90°
701.300.11U	300	11°
701.300.22U	300	22°
701.300.45U	300	45°
701.300.90U	300	90°
701.375.11U	375	11°
701.375.22U	375	22°
701.375.45U	375	45°
701.375.90U	375	90°

FABRICATED UNGLASSED/FORMED

S/W Formed Bend Order Code

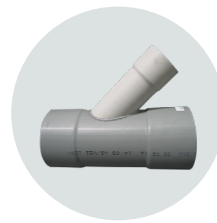


S/W Red Junction Order Code

S/W Formed Bend
SCJ uPVC

703

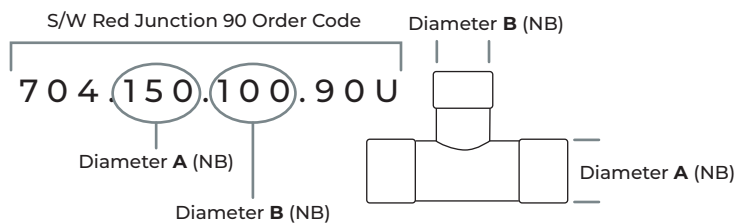
Code	Size (NB)	Bend
703.90.11	90	11°
703.90.22	90	22°
703.90.45	90	45°
703.90.90	90	90°
703.100.11	100	11°
703.100.22	100	22°
703.100.45	100	45°
703.100.90	100	90°
703.150.11	150	11°
703.150.22	150	22°
703.150.45	150	45°
703.150.90	150	90°
703.175.11	175	11°
703.175.22	175	22°
703.175.45	175	45°
703.175.90	175	90°
703.225.11	225	11°
703.225.22	225	22°
703.225.45	225	45°
703.225.90	225	90°
703.300.11	300	11°
703.300.22	300	22°
703.300.45	300	45°
703.300.90	300	90°

S/W Red Junction
Unglassed 45 uPVC

704

Code	Size (NB)	Bend
704.150.100.45U	150 . 100	45°
704.175.100.45U	175 . 100	45°
704.175.150.45U	175 . 150	45°
704.175.45U	175	45°
704.225.100.45U	225 . 100	45°
704.225.150.45U	225 . 150	45°
704.225.175.45U	225 . 175	45°
704.225.45U	225	45°
704.300.100.45U	300 . 100	45°
704.300.150.45U	300 . 150	45°
704.300.175.45U	300 . 175	45°
704.300.225.45U	300 . 225	45°
704.300.45U	300	45°
704.375.100.45U	375 . 100	45°
704.375.150.45U	375 . 150	45°
704.375.175.45U	375 . 175	45°
704.375.225.45U	375 . 225	45°
704.375.300.45U	375 . 300	45°
704.375.45U	375	45°

FABRICATED UNGLASSED/FORMED



S/W End Cap Order Code

737.175I

Diameter (NB)



Diameter (NB)

S/W Red Junction
Unglassed 90 uPVC

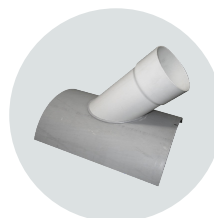
704

Code	Size (NB)	Bend
704.150.100.90U	150 . 100	90°
704.175.100.90U	175 . 100	90°
704.175.150.90U	175 . 150	90°
704.175.90U	175	90°
704.225.100.90U	225 . 100	90°
704.225.150.90U	225 . 150	90°
704.225.175.90U	225 . 175	90°
704.225.90U	225	90°
704.300.100.90U	300 . 100	90°
704.300.150.90U	300 . 150	90°
704.300.175.90U	300 . 175	90°
704.300.225.90U	300 . 225	90°
704.300.90U	300	90°
704.375.100.90U	375 . 100	90°
704.375.150.90U	375 . 150	90°
704.375.175.90U	375 . 175	90°
704.375.225.90U	375 . 225	90°
704.375.300.90U	375 . 300	90°
704.375.90U	375	90°

S/W End Cap
uPVC

737

Code	Size (NB)
737.175	175
737.175I	175
737.225	225
737.300	300
737.375	375
737.475	475

S/W Saddle
Unglassed uPVC

704S

Code	Size (NB)	Bend
704S.150.100.45U	150 . 100	45°
704S.175.100.45U	175 . 100	45°
704S.175.150.45U	175 . 150	45°
704S.225.100.45U	225 . 100	45°
704S.225.150.45U	225 . 150	45°
704S.225.175.45U	225 . 175	45°
704S.300.100.45U	300 . 100	45°
704S.300.150.45U	300 . 150	45°
704S.300.175.45U	300 . 175	45°
704S.300.225.45U	300 . 225	45°
704S.375.100.45U	375 . 100	45°
704S.375.150.45U	375 . 150	45°
704S.375.175.45U	375 . 175	45°
704S.375.225.45U	375 . 225	45°

FABRICATED UNGLASSED/FORMED

S/W Kerb Outlet Order Code

765.90

Diameter (NB)



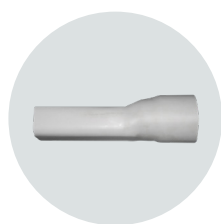
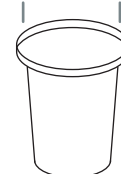
Diameter (NB)

Downpipe Dropper Order Code

D700.100

Diameter (NB)

Diameter (NB)

S/W Kerb Outlet
uPVC

765

Code	Size (NB)	Type
765.90	90	
765.90G	90	Gritted
765.100	100	
765.100E	100	Extender
765.100G	100	Gritted
765.100L	100	1500mm Long

Downpipe
Dropper

D700

Code	Size (NB)
D700.100	100
D700.150	150
D700.175	175
D700.225	225

Floodgate for
Stormwater

FG

Code	Size (NB)	Type
FG100	100	
FG100L	100	Moulded
FG150	150	
FG150L	150	Moulded
FG175	175	
FG175L	175	Moulded
FG225	225	
FG225L	225	Moulded
FG300	300	
FG300L	300	Moulded
FG375	375	
FG475	475	

Gully Dish Riser
Iplex Style

GD

Code	Size (NB)
GD100	100
GD200	200
GD300	300

PRESSURE RANGE

PRESSURE RANGE

MOULDED

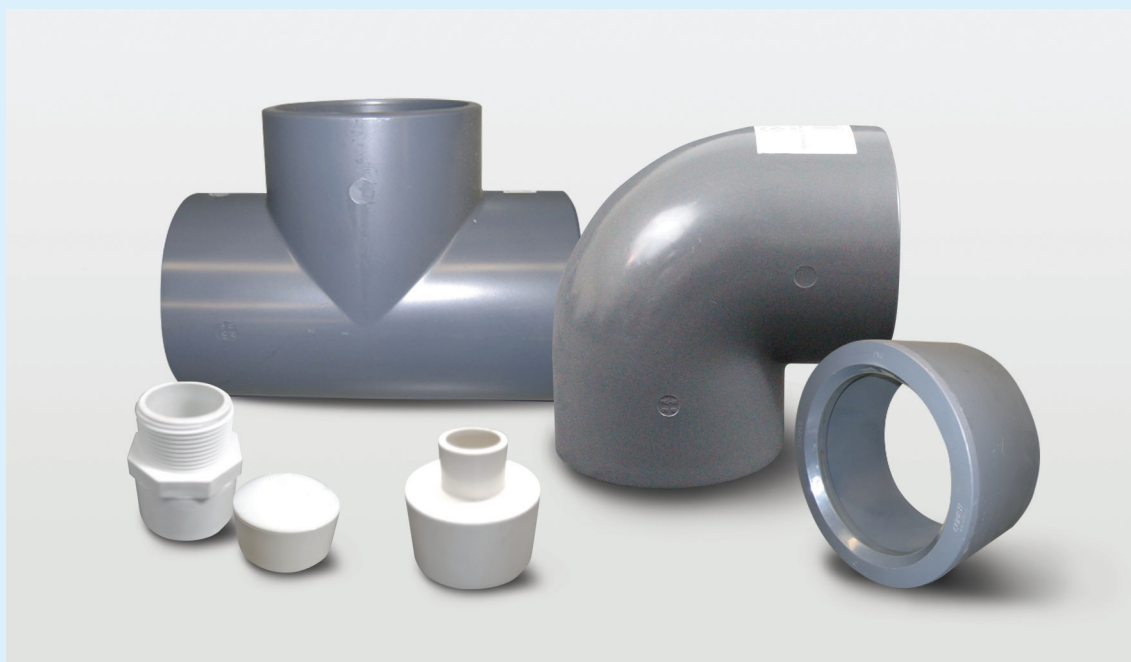
46-50 Elbows | Tees | Couplers
Sockets | Caps | Tees | Pipes

FABRICATED

53 Adaptors

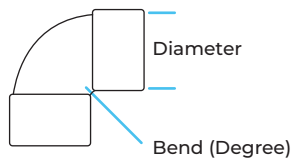
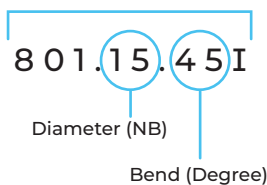
FORMED

51-53 Bends | Couplers | Sockets



Code breakdown

Small Elbow Order Code



Depending on the type of product, the following illustrations explain what the code numbers mean.



Pressure Small Elbow uPVC SCJ

801

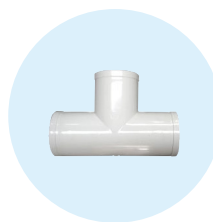
Code	Size (NB)	Type	Bend
801.15.45I	15	PN15	45°
801.15.90I	15	PN15	90°
801.20.45I	20	PN15	45°
801.20.90I	20	PN15	90°
801.25.45I	25	PN15	45°
801.25.90I	25	PN15	90°
801.32.45I	32	PN15	45°
801.32.90I	32	PN15	90°
801.40.45I	40	PN12	45°
801.40.90I	40	PN12	90°
801.50.45I	50	PN12	45°
801.50.90I	50	PN12	90°
801.65.45I	65	PN12	45°
801.65.90I	65	PN12	90°
801.80.45I	80	PN12	45°
801.80.90I	80	PN12	90°
801.100.45I	100	PN12	45°
801.100.90I	100	PN12	90°



Pressure INJ Mould Elbow uPVC SCJ

801

Code	Size (NB)	Type	Bend
801.125.45	125	PN12	45°
801.125.90	125	PN10	90°
801.150.45	150	PN10	45°
801.150.90	150	PN10	90°
801.175.45	175	PN10	45°
801.175.90	175	PN10	90°
801.200.45	200	PN10	45°
801.200.90	200	PN10	90°
801.225.45	225	PN10	45°
801.225.90	225	PN10	90°
801.250.45	250	PN10	45°
801.250.90	250	PN10	90°
801.300.45	300	PN10	45°
801.300.90	300	PN10	90°



Pressure Small Tee uPVC SCJ

804

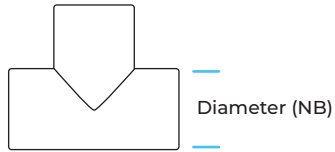
Code	Size (NB)	Type
804.15I	15	PN10
804.20I	20	PN15
804.25I	25	PN15
804.32I	32	PN15
804.40I	40	PN12
804.50I	50	PN12
804.65I	65	PN12
804.80I	80	PN12

MOULDED

INJ Mould Tee Order Code

804.100

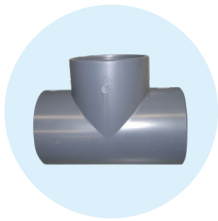
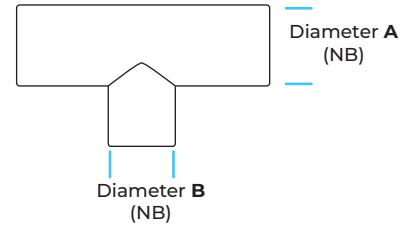
Diameter (NB)



Small Reducing Tee Order Code

805.20.15I

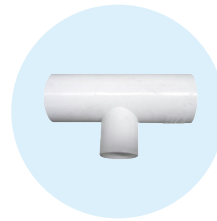
Diameter A (NB) Diameter B (NB)



Pressure INJ Mould Tee uPVC SCJ

804

Code	Size (NB)	Type
804.100	100	PN10
804.125	125	PN10
804.150	150	PN10
804.175	175	PN10
804.200	200	PN10
804.225	225	PN10
804.250	250	PN10
804.300	300	PN10



Pressure Small Reducing Tee uPVC SCJ

805

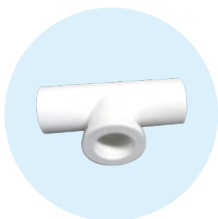
Code	Size (NB)	Type
805.20.15I	20 . 15	PN15
805.25.15I	25 . 15	PN15
805.25.20I	25 . 20	PN15
805.32.15I	32 . 15	PN15
805.32.20I	32 . 20	PN15
805.32.25I	32 . 25	PN15
805.40.15I	40 . 15	PN12
805.40.20I	40 . 20	PN12
805.40.25I	40 . 25	PN12
805.40.32I	40 . 32	PN12
805.50.15I	50 . 15	PN12
805.50.20I	50 . 20	PN12
805.50.25I	50 . 25	PN12
805.50.32I	50 . 32	PN12
805.50.40I	50 . 40	PN12
805.80.50I	80 . 50	PN12
805.100.50I	100 . 50	PN12
805.100.80I	100 . 80	PN12



Pressure Small Faucet Coupler uPVC SCJ

806

Code	Size (NB)	Type
806.15I	15	PN15
806.20I	20	PN15
806.25I	25	PN15
806.32I	32	PN15
806.40I	40	PN12
806.50I	50	PN12
806.65I	65	PN12
806.80I	80	PN12
806.100I	100	PN12



Pressure Small Faucet Tee uPVC SCJ

807

Code	Size (NB)	Type
807.15.90I	15	PN15



Press Faucet Elbow uPVC SCJ

808

Code	Size (NB)	Type
808.15.90I	15	PN15
808.20.90I	20	PN15

Small Coupler Order Code

810.15I

Diameter (NB)



Diameter (NB)

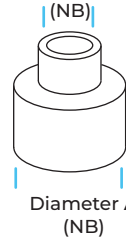
Small Red Socket Order Code

823.20.15I

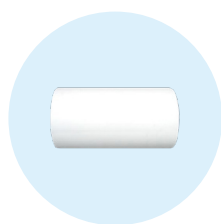
Diameter A (NB)

Diameter B (NB)

Diameter B (NB)



Diameter A (NB)



Pressure Small Coupler uPVC SCJ

810

Code	Size (NB)	Type
810.15I	15	PN15
810.20I	20	PN15
810.25I	25	PN15
810.32I	32	PN15
810.40I	40	PN12
810.50I	50	PN12
810.80I	80	PN12
810.100I	100	PN12



Pressure Small Red Socket uPVC SCJ

823

Code	Size (NB)	Type
823.20.15I	20 . 15	PN15
823.25.15I	25 . 15	PN15
823.25.20I	25 . 20	PN15
823.32.15I	32 . 15	PN15
823.32.20I	32 . 20	PN15
823.32.25I	32 . 25	PN15
823.40.15I	40 . 15	PN12
823.40.20I	40 . 20	PN12
823.40.25I	40 . 25	PN12
823.40.32I	40 . 32	PN12
823.50.20I	50 . 20	PN12
823.50.25I	50 . 25	PN12
823.50.32I	50 . 32	PN12
823.50.40I	50 . 40	PN12
823.65.50I	65 . 50	PN12
823.80.50I	80 . 50	PN12
823.80.65I	80 . 65	PN12
823.100.50I	100 . 50	PN12
823.100.80I	100 . 80	PN12

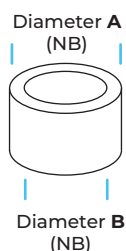
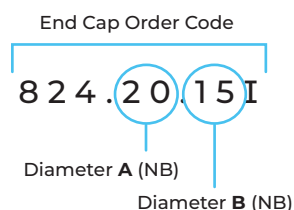


Pressure Small Valve Socket uPVC SCJ

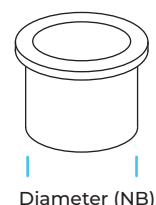
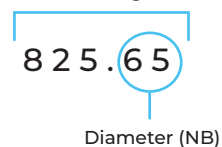
813

Code	Size (NB)	Type
813.15I	15	PN15
813.20I	20	PN15
813.25I	25	PN15
813.32I	32	PN15
813.40I	40	PN12
813.50I	50	PN12
813.65I	65	PN12
813.80I	80	PN12
813.100I	100	PN12

MOULDED



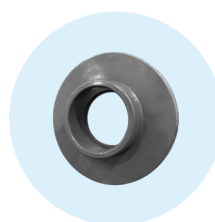
Mould Full Face Flange Order Code



Pressure Small Red Bush uPVC SCJ

824

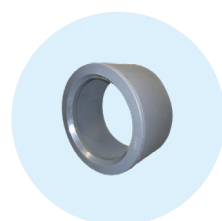
Code	Size (NB)	Type
824.20.15I	20 . 15	PN15
824.25.15I	25 . 15	PN15
824.25.20I	25 . 20	PN15
824.32.25I	32 . 25	PN15
824.40.25I	40 . 25	PN12
824.40.32I	40 . 32	PN12
824.50.25I	50 . 25	PN12
824.50.32I	50 . 32	PN12
824.50.40I	50 . 40	PN12
824.80.50I	80 . 50	PN12
824.80.65I	80 . 65	PN12
824.100.50I	100 . 50	PN12
824.100.80I	100 . 80	PN12



Pressure INJ Mould Full Face Flange uPVC

825

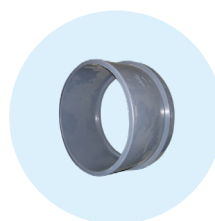
Code	Size (NB)	Type
825.65	65	PN10
825.80	80	PN10
825.100	100	PN10
825.150	150	PN10



Pressure INJ Red Bush uPVC SCJ

824

Code	Size (NB)	Type
824.125.100	125 . 100	PN10
824.150.100	150 . 100	PN10
824.150.125	150 . 125	PN10
824.175.150	175 . 150	PN10
824.200.100	200 . 100	PN10
824.200.150	200 . 150	PN10
824.200.175	200 . 175	PN10
824.225.150	225 . 150	PN10
824.225.175	225 . 175	PN10
824.225.200	225 . 200	PN10
824.300.200	300 . 200	PN10
824.300.225	300 . 225	PN10



Pressure INJ Mould Stub Flange uPVC

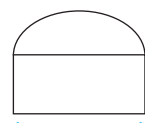
826

Code	Size (NB)	Type
826.50	50	PN10
826.65	65	PN10
826.80	80	PN10
826.100	100	PN10
826.110	110	PN10
826.125	125	PN10
826.150	150	PN10
826.175	175	PN10
826.200	200	PN10
826.225	225	PN10
826.250	250	PN10
826.300	300	PN10
826.375	375	PN10

Small End Cap Order Code

830.15I

Diameter (NB)

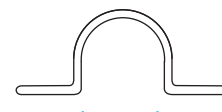


Diameter (NB)

Small Pipe Clip Order Code

840.15I

Diameter (NB)



Diameter (NB)

Pressure Small End Cap uPVC

830

Code	Size (NB)	Type
830.15I	15	PN15
830.20I	20	PN15
830.25I	25	PN15
830.32I	32	PN15
830.40I	40	PN12
830.50I	50	PN12
830.65I	65	PN12
830.80I	80	PN12
830.100I	100	PN12

Pressure INJ Mould End Cap uPVC

830

Code	Size (NB)	Type
830.100	100	PN10
830.125	125	PN10
830.150	150	PN10
830.175	175	PN10
830.200	200	PN10
830.225	225	PN10
830.250	250	PN10
830.300	300	PN10

Pressure Small Thread Endplug uPVC

837

Code	Size (NB)	Type
837.15I	15	PN15
837.20I	20	PN15
837.25I	25	PN15
837.32I	32	PN15
837.40I	40	PN12
837.50I	50	PN12

Pressure Small Pipe Clip uPVC

840

Code	Size (NB)
840.15I	15
840.20I	20
840.25I	25

Pressure Pipe uPVC SCJ

800

Code	Size (NB)	Type
800.15PN15.5.8.E	15	5.8 PN15
800.20PN15.5.8.E	20	5.8 PN15
800.25PN15.5.8.E	25	5.8 PN15
800.32PN12.5.8.E	32	5.8 PN12
800.32PN15.6.E	32	PN15
800.40PN12.5.8.E	40	5.8 PN12
800.40PN15.6.E	40	PN15
800.50PN12.5.8.E	50	5.8 PN12
800.50PN15.6.E	50	PN15
800.65PN12.6.E	65	PN12
800.80PN12.6.E	80	PN12
800.100PN9.6.E	100	PN9
800.100PN12.6SJ.E	100	PN12

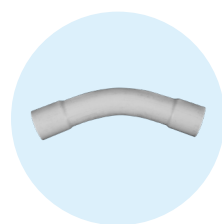
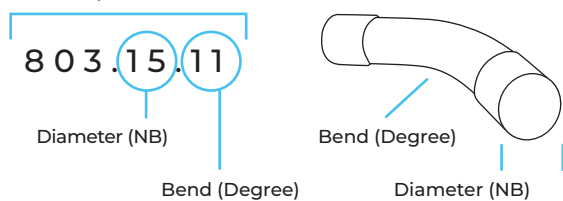
Pressure Pipe uPVC RRJ

Z800

Code	Size (NB)	Type
Z800.50PN12.6.E	50	PN12
Z800.100PN6.6.E	100	PN6
Z800.100PN9.6.E	100	PN9
Z800.150.PN6.6.E	150	PN6
Z800.150PN12.6.E	150	PN12
Z800.150PN9.6.E	150	PN9
Z800.200PN12.6.E	200	PN12

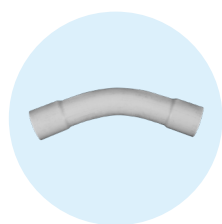
FORMED

Pressure Swept Bend Order Code

Pressure Swept
Bend uPVC SCJ

803

Code	Size (NB)		Bend
803.15.11	15	PN12	11°
803.15.22	15	PN12	22°
803.15.45	15	PN12	45°
803.15.90	15	PN12	90°
803.20.11	20	PN12	11°
803.20.22	20	PN12	22°
803.20.45	20	PN12	45°
803.20.90	20	PN12	90°
803.25.11	25	PN12	11°
803.25.22	25	PN12	22°
803.25.45	25	PN12	45°
803.25.90	25	PN12	90°
803.32.11	32	PN12	11°
803.32.22	32	PN12	22°
803.32.45	32	PN12	45°
803.32.90	32	PN12	90°
803.40.11	40	PN12	11°
803.40.22	40	PN12	22°
803.40.45	40	PN12	45°
803.40.90	40	PN12	90°
803.50.11	50	PN12	11°
803.50.22	50	PN12	22°
803.50.45	50	PN12	45°
803.50.90	50	PN12	90°
803.65.11	65	PN12	11°
803.65.22	65	PN12	22°
803.65.45	65	PN12	45°
803.65.90	65	PN12	90°
803.80.11	80	PN12	11°
803.80.22	80	PN12	22°

Pressure Swept
Bend uPVC SCJ

803

Code	Size (NB)		Bend
803.100.11	100	PN12	11°
803.100.22	100	PN12	22°
803.100.45	100	PN12	45°
803.100.90	100	PN12	90°
803.125.11	125	PN12	11°
803.125.22	125	PN12	22°
803.125.45	125	PN12	45°
803.125.90	125	PN12	90°
803.150.11	150	PN12	11°
803.150.22	150	PN12	22°
803.150.45	150	PN12	45°
803.150.90	150	PN12	90°
803.175.11	175	PN12	11°
803.175.22	175	PN12	22°
803.175.45	175	PN12	45°
803.175.90	175	PN12	90°
803.200.11	200	PN12	11°
803.200.22	200	PN12	22°
803.200.45	200	PN12	45°
803.200.90	200	PN12	90°
803.225.11	225	PN9	11°
803.225.22	225	PN9	22°
803.225.45	225	PN9	45°
803.225.90	225	PN9	90°
803.250.45	250	PN9	45°
803.250.90	250	PN9	90°
803.300.11	300	PN9	11°
803.300.22	300	PN9	22°
803.300.45	300	PN9	45°
803.300.90	300	PN9	90°

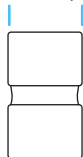
Continue to the next column.

FORMED

DBL Coupler Order Code

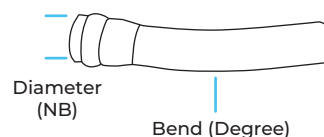
810.125
Diameter (NB)

Diameter (NB)



Swept Bend RRJ Order Code

Z803.50.11
Diameter (NB) Bend (Degree)



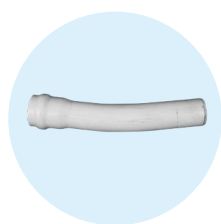
Bend (Degree)



Pressure DBL Coupler uPVC SCJ

810

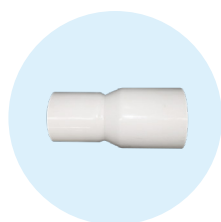
Code	Size (NB)	Type
810.125	125	PN12
810.150	150	PN12
810.155.150	155 . 150	PN12
810.200	200	PN15
810.225	225	PN9
810.300I	300	PN9



Pressure Swept Bend RRJ

Z803

Code	Size (NB)	Type	Bend
Z803.50.11	50	PN12	11°
Z803.50.22	50	PN12	22°
Z803.50.45	50	PN12	45°
Z803.50.90	50	PN12	90°
Z803.65.11	65	PN12	11°
Z803.65.22	65	PN12	22°
Z803.65.45	65	PN12	45°
Z803.65.90	65	PN12	90°
Z803.80.11	80	PN12	11°
Z803.80.22	80	PN12	22°
Z803.80.45	80	PN12	45°
Z803.80.90	80	PN12	90°
Z803.100.11	100	PN12	11°
Z803.100.22	100	PN12	22°
Z803.100.45	100	PN12	45°
Z803.100.90	100	PN12	90°
Z803.125.11	125	PN12	11°
Z803.125.22	125	PN12	22°
Z803.125.45	125	PN12	45°
Z803.125.90	125	PN12	90°
Z803.150.11	150	PN12	11°
Z803.150.22	150	PN12	22°
Z803.150.45	150	PN12	45°
Z803.150.90	150	PN12	90°
Z803.175.11	175	PN12	11°
Z803.175.22	175	PN12	22°
Z803.175.45	175	PN12	45°
Z803.175.90	175	PN12	90°
Z803.200.11	200	PN12	11°
Z803.200.22	200	PN12	22°
Z803.200.45	200	PN12	45°
Z803.200.90	200	PN12	90°



Pressure SCJ Red Socket uPVC

823

Code	Size (NB)	Type
823.125.100	125 . 100	PN12
823.150.100	150 . 100	PN12
823.150.125	150 . 125	PN12
823.175.150	175 . 150	PN12
823.200.100	200 . 100	PN12
823.200.150	200 . 150	PN12
823.200.175	200 . 175	PN12
823.225.150	225 . 150	PN9
823.225.175	225 . 175	PN9
823.225.200	225 . 200	PN9
823.250.200	250 . 200	PN9
823.300.200	300 . 200	PN9
823.300.225	300 . 225	PN9
823.300.250	300 . 250	PN9

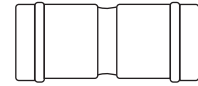
FORMED

FORMED / FABRICATED

Coupler Double Order Code

Z 810.50D

Diameter (NB)



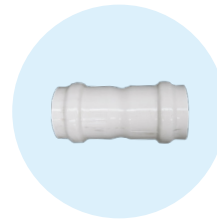
Diameter (NB)



Pressure Swept Bend RRJ

Z803

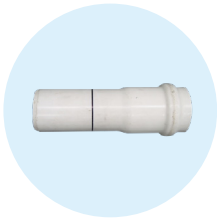
Code	Size (NB)	Type	Bend
Z803.225.11	225	PN9	11°
Z803.225.22	225	PN9	22°
Z803.225.45	225	PN9	45°
Z803.225.90	225	PN9	90°
Z803.300.11	300	PN9	11°
Z803.300.22	300	PN9	22°
Z803.300.45	300	PN9	45°
Z803.300.90	300	PN9	90°
Z803.375.11	375	PN9	11°
Z803.375.22	375	PN9	22°
Z803.375.45	375	PN9	45°
Z803.375.90	375	PN9	90°



Pressure Coupler Double uPVC RRJ

Z810

Code	Size (NB)	Type	Bend
806.150	150	PN12	Faucet
813.150	150	PN12	Valve Socket
Z810.50D	50	PN12	
Z810.65D	65	PN12	
Z810.80D	80	PN12	
Z810.100D	100	PN12	
Z810.125D	125	PN12	
Z810.150D	150	PN12	
Z810.155.150	155	PN12	
Z810.175D	175	PN12	
Z810.200D	200	PN12	
Z810.225D	225	PN9	
Z810.300D	300	PN9	
Z810.375D	375	PN9	



Pressure Coupler Single RRJ

Z810

Code	Size (NB)	Type
Z810.50	50	PN12
Z810.65	65	PN12
Z810.80	80	PN12
Z810.100	100	PN12
Z810.125	125	PN12
Z810.150	150	PN12
Z810.175	175	PN12
Z810.200	200	PN12
Z810.225	225	PN9
Z810.300	300	PN9
Z810.375	375	PN9



Flange Adaptors RRJ

Z826

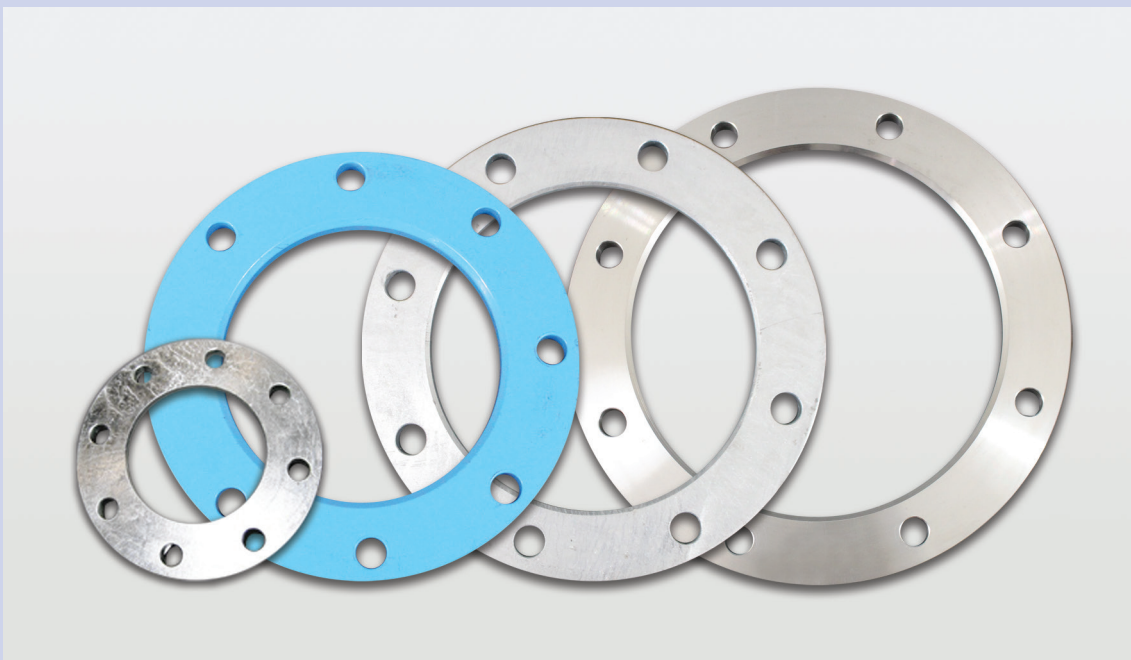
Code	Size (NB)
Z826.50	50
Z826.65	65
Z826.80	80
Z826.100	100
Z826.150	150
Z826.200	200

BACKING RINGS RANGE

BACKING RINGS RANGE

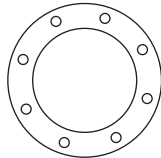
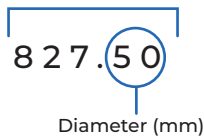
PRODUCTS

56-57 Pressure PVC | PE Galv
PE Nylon Coated Steel
PE Rings SS

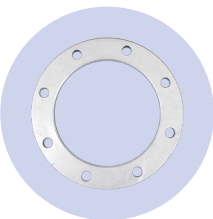


Code breakdown

PVC Backing Ring Order Code



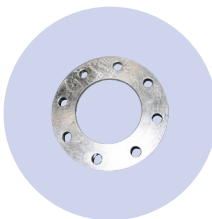
Depending on the type of product, the following illustrations explain what the code numbers mean.



Pressure PVC Backing Ring

827

Code	Size (mm)	Range
827.50	50	Table E
827.65	65	Table E
827.80	80	Table E
827.100	100	Table E
827.125	125	Table E
827.150	150	Table E
827.175	175	Table E
827.200	200	Table E
827.225	225	Table E
827.250	250	Table E
827.300	300	Table E
827.375	375	AS4087 PN16



PE Backing Ring Galv

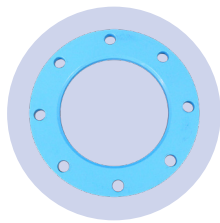
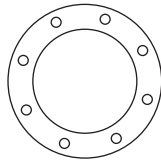
PE1227

Code	Size (mm)	Range
PE1227.50	50	Table E
PE1227.63	63	AS4087 PN16 - Table D/E
PE1227.75	75	AS4087 PN16 - Table D/E
PE1227.90	90	AS4087 PN16 - Table D/E
PE1227.90HYD	90	Hydrant
PE1227.110	110	AS4087 PN16 - Table D/E
PE1227.125	125	AS4087 PN16 - Table D/E
PE1227.140	140	AS4087 PN16 - Table D/E
PE1227.160	160	AS4087 PN16 - Table D/E
PE1227.180	180	AS4087 PN16 - Table D/E
PE1227.200	200	AS4087 PN16 - Table D/E
PE1227.225	225	AS4087 PN16 - Table D/E
PE1227.250D	250	AS4087 PN16 - Table D
PE1227.250E	250	Table E
PE1227.280D	280	AS4087 PN16 - Table D
PE1227.280E	280	Table E
PE1227.315	315	AS4087 PN16 - Table D/E
PE1227.355	355	AS4087 PN16
PE1227.375	375	AS4087 PN16
PE1227.400	400	AS4087 PN16 - Table D/E
PE1227.450D	450	AS4087 - Table D
PE1227.450E	450	Table E
PE1227.500	500	AS4087 PN16 - Table D/E
PE1227.560	560	Table D/E
PE1227.630	630	AS4087 PN16 - Table D/E
PE1227.710	710	AS4087 PN16 - Table D/E
PE1227.800	800	AS4087 PN16 - Table D/E
PE1227.900	900	AS4087 PN16 - Table D/E
PE1227.1000	1000	AS4087 PN16 - Table D/E
PE1227.1200	1200	AS4087 PN16 - Table D/E

PE Backing Ring Order Code

PE1227.63N

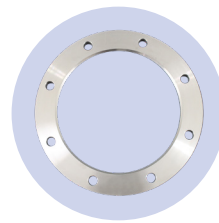
Diameter (mm)



PE Nylon Coated Steel Backing Ring



Code	Size (mm)	Range
PE1227.63N	63	AS4087 PN16 - Table D/E
PE1227.90N	90	AS4087 PN16 - Table D/E
PE1227.90NHVD	90	Hydrant
PE1227.110N	110	AS4087 PN16 - Table D/E
PE1227.125N	125	AS4087 PN16 - Table D/E
PE1227.160N	160	AS4087 PN16 - Table D/E
PE1227.180N	180	AS4087 PN16 - Table D/E
PE1227.200N	200	AS4087 PN16 - Table D/E
PE1227.225N	225	AS4087 PN16 - Table D
PE1227.250ND	250	AS4087 PN16 - Table D
PE1227.250NE	250	Table E
PE1227.280ND	280	AS4087 PN16 - Table D
PE1227.280NE	280	Table E
PE1227.315N	315	AS4087 PN16 - Table D/E
PE1227.355N	355	AS4087 PN16
PE1227.375N	375	AS4087 PN16
PE1227.400N	400	AS4087 PN16 - Table D/E
PE1227.450ND	450	AS4087 PN16 - Table D
PE1227.450NE	450	Table E
PE1227.500N	500	AS4087 PN16 - Table D/E
PE1227.630N	630	AS4087 PN16 - Table D/E



PE Backing Rings SS 316



Code	Size (mm)	Type	Range
PE1227.63SS	63	AS4087 PN16 - Table D/E	
PE1227.75SS	75	AS4087 PN16 - Table D/E	
PE1227.90HYDSS	90		Hydrant
PE1227.90SS	90	AS4087 PN16 - Table D/E	
PE1227.110SS	110	AS4087 PN16 - Table D/E	
PE127.125SS	125	AS4087 PN16 - Table D/E	
PE1227.140SS	140	AS4087 PN16 - Table D/E	
PE1227.160SS	160	AS4087 PN16 - Table D/E	
PE1227.180SS	180	AS4087 PN16 - Table D/E	
PE1227.200SS	200	AS4087 PN16 - Table D/E	
PE1227.225SS	225	AS4087 PN16 - Table D	
PE1227.250DSS	250	AS4087 PN16 - Table D	
PE1227.250ESS	250		Table E
PE1227.280DSS	280	AS4087 PN16 - Table D	
PE1227.280ESS	280		Table E
PE1227.315SS	315	AS4087 PN16 - Table D/E	
PE1227.355SS	355		AS4087 PN16
PE1227.375SS	375		AS4087 PN16
PE1227.400SS	400	AS4087 PN16 - Table D/E	
PE1227.450DSS	450	AS4087 PN16 - Table D	
PE1227.450ESS	450		Table E
PE1227.500SS	500	AS4087 PN16 - Table D/E	
PE1227.560SS	560		Table D/E
PE1227.630SS	630	AS4087 PN16 - Table D/E	
PE1227.710SS	710	AS4087 PN16 - Table D/E	
PE1227.800SS	800	AS4087 PN16 - Table D/E	
PE1227.900SS	900	AS4087 PN16 - Table D/E	
PE1227.1000SS	1000	AS4087 PN16 - Table D/E	
PE1227.1200SS	1200	AS4087 PN16 - Table D/E	

EF FITTINGS RANGE

EF FITTINGS RANGE

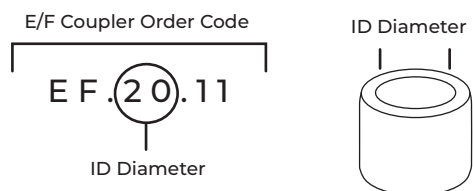
FITTINGS

60-63 Couplers | Elbows | Tees
Saddles | Reducers | Caps

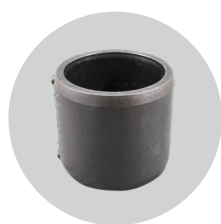


FITTINGS

Code breakdown



Depending on the type of product, the following illustrations explain what the code numbers mean.



PE E/F Coupler

EF

Code	Size (mm)	Type
EF.20.11	20	SDR11
EF.25.11	25	SDR11
EF.32.11	32	SDR11
EF.40.11.17	40	SDR11/SDR17
EF.50.11.17	50	SDR11/SDR17
EF.63.11.17	63	SDR11/SDR17
EF.75.11.17	75	SDR11/SDR17
EF.90.11.17	90	SDR11/SDR17
EF.110.11.17	110	SDR11/SDR17
EF.125.11.17	125	SDR11/SDR17
EF.140.11.17	140	SDR11/SDR17
EF.160.11.17	160	SDR11/SDR17
EF.180.11.17	180	SDR11/SDR17
EF.200.11.17	200	SDR11/SDR17
EF.225.11.17	225	SDR11/SDR17
EF.250.11.17	250	SDR11/SDR17
EF.280.11.17	280	SDR11/SDR17
EF.315.11.17	315	SDR11/SDR17
EF.355.11.17	355	SDR11/SDR17
EF.355.17	355	SDR11
EF.400.11	400	SDR11
EF.400.11.17	400	SDR11/SDR17
EF.400.17	400	SDR17
EF.450.11	450	SDR11
EF.450.17	450	SDR17
EF.500.11	500	SDR11



PE E/F Coupler

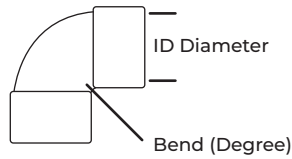
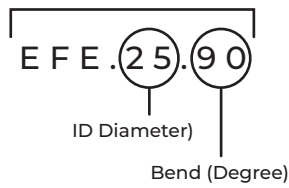
EF

Code	Size (mm)	Type
EF.500.17	500	SDR17
EF.560.11	560	SDR11
EF.560.17	560	SDR17
EF.630.11	630	SDR11
EF.630.17	630	SDR17
EF.710.11	710	SDR11
EF.710.17	710	SDR17
EF.800.11	800	SDR11
EF.800.17	800	SDR17
EF.900.11	900	SDR11
EF.900.17	900	SDR17
EF.1000.11	1000	SDR11
EF.1000.17	1000	SDR17
EF.1200.17	1200	SDR17
EF.1400.17	1400	SDR17

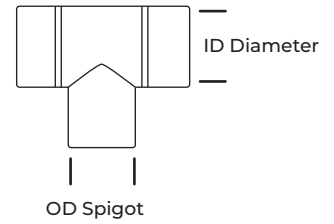
Continue to the next column.

FITTINGS

E/F Elbow Order Code



E/F Tee Order Code



E/F Elbows

EFE

Code	Size (mm)	Type	Bend
EFE.25.90	25	SDR11/SDR17	90°
EFE.32.45	32	SDR11/SDR17	45°
EFE.32.90	32	SDR11/SDR17	90°
EFE.40.45	40	SDR11/SDR17	45°
EFE.40.90	40	SDR11/SDR17	90°
EFE.50.45	50	SDR11/SDR17	45°
EFE.50.90	50	SDR11/SDR17	90°
EFE.63.45	63	SDR11/SDR17	45°
EFE.63.90	63	SDR11/SDR17	90°
EFE.75.45	75	SDR11/SDR17	45°
EFE.75.90	75	SDR11/SDR17	90°
EFE.90.45	90	SDR11/SDR17	45°
EFE.90.90	90	SDR11/SDR17	90°
EFE.110.22	110	SDR11/SDR17	22°
EFE.110.45	110	SDR11/SDR17	45°
EFE.110.90	110	SDR11/SDR17	90°
EFE.125.45	125	SDR11/SDR17	45°
EFE.125.90	125	SDR11/SDR17	90°
EFE.160.45	160	SDR11/SDR17	45°
EFE.160.90	160	SDR11/SDR17	90°
EFE.180.22.5	180	SDR11/SDR17	22°
EFE.180.45	180	SDR11/SDR17	45°
EFE.180.90	180	SDR11/SDR17	90°
EFE.200.45	200	SDR11/SDR17	45°
EFE.200.90	200	SDR11/SDR17	90°
EFE.225.45	225	SDR11/SDR17	45°
EFE.225.90	225	SDR11/SDR17	90°
EFE.250.45	250	SDR11/SDR17	45°
EFE.250.90	250	SDR11/SDR17	90°

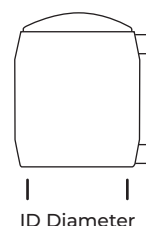
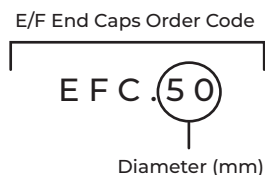
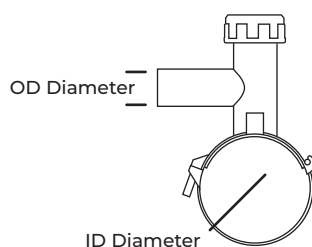
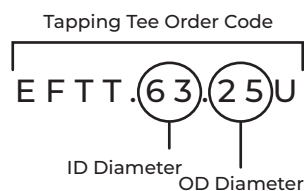


PE E/F Tees

EFT

Code	Size (mm)	Type
EFT.20	20	SDR11
EFT.25	25	SDR11
EFT.32	32	SDR11
EFT.40	40	SDR11
EFT.50	50	SDR11
EFT.63	63	SDR11
EFT.75	75	SDR11
EFT.90	90	SDR11
EFT.110	110	SDR11
EFT.125	125	SDR11
EFT.160	160	SDR11
EFT.180	180	SDR11
EFT.250	250	SDR11

FITTINGS



PE E/F Tapping Tees



Code	Size (mm)	Type	Bend
EFTT.63.25U	63 . 25	Tapping Tee with underpart SDR11	90°
EFTT.63.32U	63 . 32	Tapping Tee with underpart SDR11	90°
EFTT.110.32U	110 . 32	Tapping Tee with underpart SDR11	90°
EFTT.125.25U	125 . 25	Tapping Tee with underpart SDR11	90°
EFTT.125.32U	125 . 32	Tapping Tee with underpart SDR11	90°
EFTT.125.63U	125 . 63	Tapping Tee with underpart SDR11	90°
EFTT.160.63U	160 . 63	Tapping Tee with underpart SDR11	90°
EFTT.180.25U	180 . 25	Tapping Tee with underpart SDR11	90°
EFTT.180.32U	180 . 32	Tapping Tee with underpart SDR11	90°
EFTT.180.63U	180 . 63	Tapping Tee with underpart SDR11	90°
EFTT.200.63U	200 . 63	Tapping Tee with underpart SDR11	90°
EFTT.225.32U	225 . 32	Tapping Tee with underpart SDR11	90°
EFTT.200.63U	200 . 63	Tapping Tee with underpart SDR11	90°
EFTT.250.25	250 . 25	Tapping Tee SDR11	90°
EFTT.250.32	250 . 32	Tapping Tee SDR11	90°
EFTT.250.63	250 . 63	Tapping Tee SDR11	90°
EFTT.315.32	315 . 32	Tapping Tee SDR11	90°

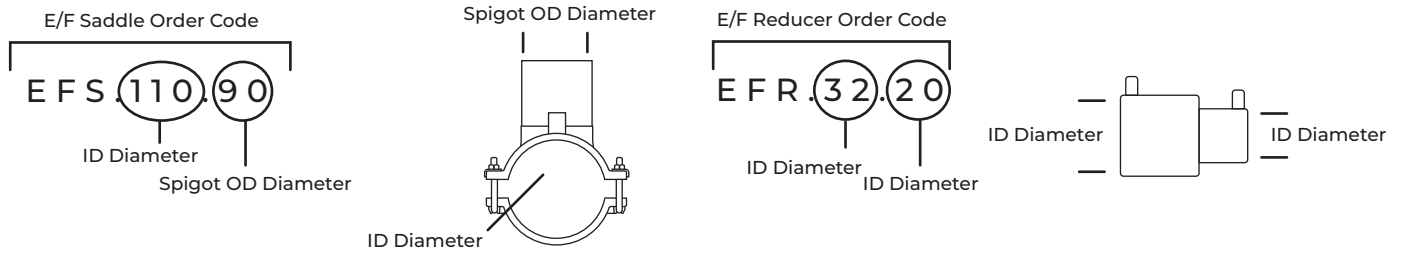


PE E/F End Caps



Code	Size (mm)	Type
EFC.50	50	SDR11
EFC.63	63	SDR11
EFC.90	90	SDR11
EFC.110	110	SDR11
EFC.125	125	SDR11
EFC.160	160	SDR11
EFC.180	180	SDR11

FITTINGS



PE E/F Saddles

EFS

Code	Size (mm)	Type	Bend
EFS.110.90	110 . 90	Saddle	90°
EFS.125.40U	125 . 40	Saddle with underpart	90°
EFS.125.63U	125 . 63	Saddle with underpart	90°
EFS.160.110	160 . 110	Saddle	90°
EFS.160.63U	160 . 63	Saddle with underpart	90°
EFS.180.110	180 . 110	Saddle	90°
EFS.180.125	180 . 125	Saddle	90°
EFS.180.63	180 . 63	Saddle	90°
EFS.180.63U	180 . 63	Saddle with underpart	90°
EFS.200.125	200/225 . 125	Saddle	90°
EFS.200.63U	200 . 63	Saddle with underpart	90°
EFS.250.125	250/280 . 125	Saddle	90°
EFS.250.63	250 X 63 PE100	Saddle	90°



PE E/F Reducers

EFR

Code	Size (mm)	Type
EFR.32.20	32 . 20	SDR11
EFR.32.25	50 . 25	SDR11
EFR.50.32	50 . 32	SDR11
EFR.63.32	63 . 32	SDR11
EFR.63.40	63 . 40	SDR11
EFR.63.50	63 . 50	SDR11
EFR.75.63	75 . 63	SDR11



PE E/F Reducers

EFR

Code	Size (mm)	Type
EFR.90.63	90 . 63	SDR11
EFR.110.63	110 . 63	SDR11
EFR.110.90	110 . 90	SDR11
EFR.125.90	125 . 90	SDR11
EFR.160.110	160 . 110	SDR11
EFR.180.125	180 . 125	SDR11

Continue to the next column.



PE FITTINGS RANGE

PE FITTINGS RANGE

MANHOLE CONNECTORS

- 66** Manhole - Stormwater
Manhole - Wastewater

MOULDED: SEWER/STORMWATER/ PRESSURE

- 67-68** Bend Ext Legs | Tees

FABRICATED: SEWER/STORMWATER

- 69-72** Bends | Wye | Tees | Adapters

MOULDED: WATERMAIN/ PRESSURE

- 73-76** Bend Ext Legs | Tees | Caps
Stub Flanges | Stub EXT Legs
Adapters | Reducers

MOULDED/FABRICATED: WATERMAIN

- 77-78** Reducers | Tees | End Caps

FABRICATED: WATERMAIN

- 79-80** Bends | Stub Flanges
Slim Flanges

FORMING

- 81** Swept Bends

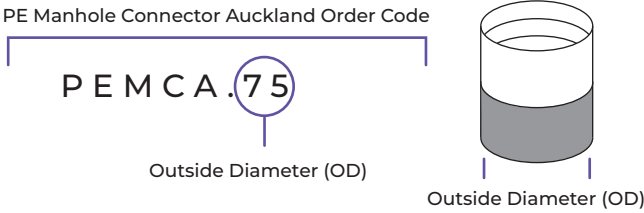


MANHOLE - STORMWATER

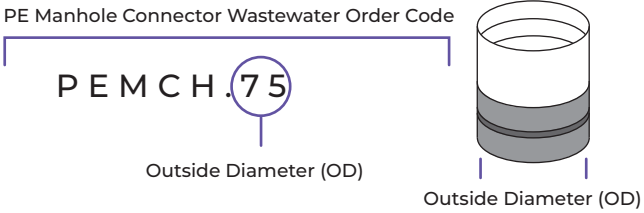
MANHOLE - WASTEWATER

Code breakdown

PE Manhole Connector Auckland Order Code



PE Manhole Connector Wastewater Order Code



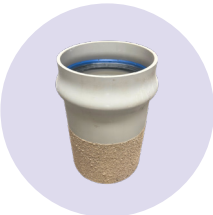
PE Manhole Connector Auckland O-Ring **PEMCA**

Code	Size (mm)
PEMCA.75	75
PEMCA.90	90
PEMCA.110	110
PEMCA.125	125
PEMCA.160	160
PEMCA.180	180
PEMCA.200	200
PEMCA.225	225
PEMCA.250	250
PEMCA.280	280
PEMCA.315	315
PEMCA.355	355
PEMCA.400	400
PEMCA.450	450
PEMCA.500	500
PEMCA.560	560
PEMCA.630	630
PEMCA.710	710
PEMCA.800	800
PEMCA.900	900



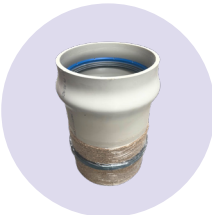
PE Manhole Connector Wastewater O-Ring **PEMCH**

Code	Size (mm)
PEMCH.75	75
PEMCH.90	90
PEMCH.110	110
PEMCH.125	125
PEMCH.160	160
PEMCH.180	180
PEMCH.200	200
PEMCH.225	225
PEMCH.250	250
PEMCH.280	280
PEMCH.315	315
PEMCH.355	355
PEMCH.400	400
PEMCH.450	450
PEMCH.500	500
PEMCH.560	560
PEMCH.630	630
PEMCH.710	710
PEMCH.800	800
PEMCH.900	900



PE Manhole Connector Auckland Rubber Ring **PEMCA**

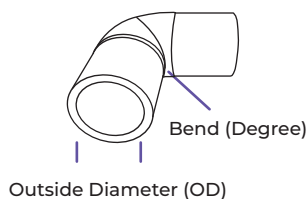
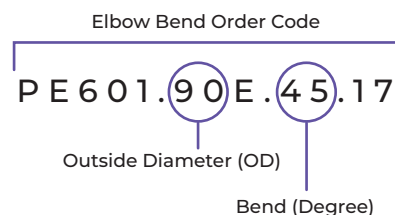
Code	Size (mm)
PEMCA.110Z	110
PEMCA.160Z	160
PEMCA.200Z	200
PEMCA.250Z	250
PEMCA.315Z	315



PE Manhole Connector Wastewater Rubber Ring **PEMCH**

Code	Size (mm)
PEMCH.110Z	110
PEMCH.160Z	160
PPEMCH.200Z	200
PEMCH.250Z	250
PEMCH.315Z	315

MOULDED: SEWER/STORMWATER/PRESSURE



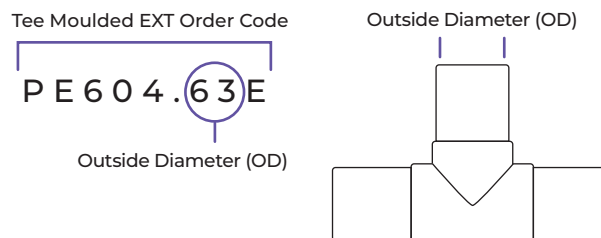
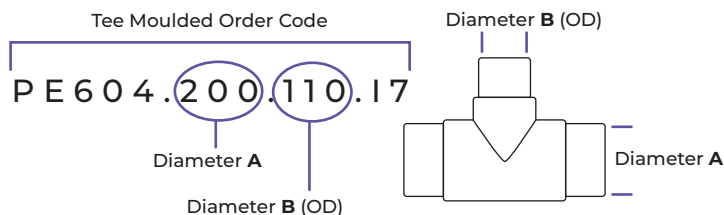
PE Moulded Elbow Bend Ext Leg SDR17

PE601

Code	Size (mm)	Type	Bend
PE601.90E.45.17	90	Elbow Extended Leg	45°
PE601.90E.90.17	90	Elbow Extended Leg	90°
PE601.110E.45.17	110	Elbow Extended Leg	45°
PE601.125E.45.17	125	Elbow Extended Leg	45°
PE601.125E.90.17	125	Elbow Extended Leg	90°
PE601.140E.45.17	140	Elbow Extended Leg	45°
PE601.140E.90.17	140	Elbow Extended Leg	90°
PE601.160E.45.17	160	Elbow Extended Leg	45°
PE601.160E.90.17	160	Elbow Extended Leg	90°
PE601.180E.45.17	180	Elbow Extended Leg	45°
PE601.180E.90.17	180	Elbow Extended Leg	90°
PE601.200.90.17	200	Elbow	90°
PE601.225.90.17	225	Elbow	90°
PE601.250E.45.17	250	Elbow Extended Leg	45°
PE601.250E.90.17	250	Elbow Extended Leg	90°
PE601.280.90.17	280	Elbow	90°
PE601.280E.45.17	280	Elbow Extended Leg	45°
PE601.280E.90.17	280	Elbow Extended Leg	90°
PE601.315E.45.17	315	Elbow Extended Leg	45°
PE601.315E.90.17	315	Elbow Extended Leg	90°
PE601.400.45.17	400	Elbow	45°
PE601.400.90.17	400	Elbow	90°
PE601.450.45.17	450	Elbow	45°
PE601.450.90.17	450	Elbow	90°
PE601.500.45.17	500	Elbow	45°
PE601.500.90.17	500	Elbow	90°

- PN10 Rated

MOULDED: SEWER/STORMWATER/PRESSURE



PE Tee Moulded SDR17

PE604

Code	Size (mm)
PE604.200.17	200
PE604.200.110.17	200.110
PE604.225.17	225
PE604.250.17	250
PE604.280.17	280
PE604.315.17	315
PE604.400.17	400
PE604.450.17	450
PE604.500.17	500
PE604.560.17	560
PE604.630.17	630

- PN10 Pressure Rated



PE Tee Moulded EXT Leg SDR17

PE604

Code	Size (mm)
PE604.63E	63
PE604.75E	75
PE604.90E	90
PE604.110E	110
PE604.125E	125
PE604.140E	140
PE604.160.110E	160 . 110
PE604.160E	160
PE604.180E	180
PE604.200E	200
PE604.225E	225
PE604.250E	250
PE604.280E	280
PE604.315E	315

- PN10 Pressure Rated

- PN10 Rated for EF Couplers

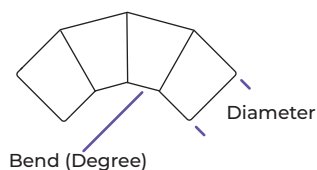
FABRICATED: SEWER/STORMWATER

Segmented Bend Order Code

P E 6 0 1 . 9 0 . 4 5

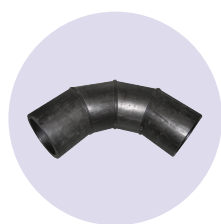
Diameter
(mm)

Bend (Degree)



Bend (Degree)

Diameter



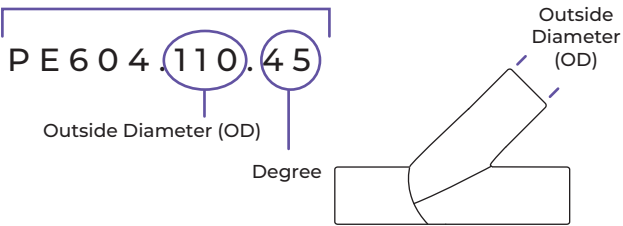
PE Drainage Segmented Bend SDR17 Derated to PN5

PE601

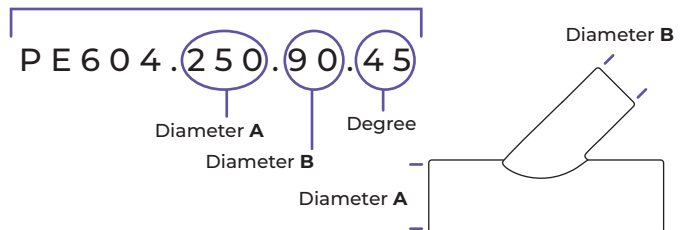
Code	Size (mm)	Type	Bend
PE601.90.45	90	1 Segment Bend for Drainage	45°
PE601.90.90	90	2 Segment Bend for Drainage	90°
PE601.110.45	110	1 Segment Bend for Drainage	45°
PE601.110.90	110	2 Segment Bend for Drainage	90°
PE601.125.45	125	1 Segment Bend for Drainage	45°
PE601.125.90	125	2 Segment Bend for Drainage	90°
PE601.160.45	160	1 Segment Bend for Drainage	45°
PE601.160.90	160	2 Segment Bend for Drainage	90°
PE601.180.45	180	1 Segment Bend for Drainage	45°
PE601.180.90	180	2 Segment Bend for Drainage	90°
PE601.200.45	200	1 Segment Bend for Drainage	45°
PE601.200.90	200	2 Segment Bend for Drainage	90°
PE601.225.45	225	1 Segment Bend for Drainage	45°
PE601.225.90	225	2 Segment Bend for Drainage	90°
PE601.250.45	250	1 Segment Bend for Drainage	45°
PE601.250.90	250	2 Segment Bend for Drainage	90°
PE601.280.45	280	1 Segment Bend for Drainage	45°
PE601.280.90	280	2 Segment Bend for Drainage	90°
PE601.315.45	315	1 Segment Bend for Drainage	45°
PE601.315.90	315	2 Segment Bend for Drainage	90°
PE601.355.45	355	1 Segment Bend for Drainage	45°
PE601.355.90	355	2 Segment Bend for Drainage	90°
PE601.400.45	400	1 Segment Bend for Drainage	45°
PE601.400.90	400	2 Segment Bend for Drainage	90°
PE601.450.45	450	1 Segment Bend for Drainage	45°
PE601.450.90	450	2 Segment Bend for Drainage	90°
PE601.500.45	500	1 Segment Bend for Drainage	45°
PE601.500.90	500	2 Segment Bend for Drainage	90°
PE601.560.45	560	1 Segment Bend for Drainage	45°
PE601.560.90	560	2 Segment Bend for Drainage	90°
PE601.630.45	630	1 Segment Bend for Drainage	45°
PE601.630.90	630	2 Segment Bend for Drainage	90°

FABRICATED: SEWER/STORMWATER

Equal Wye Junction Order Code



Drainage Reducing Wye Order Code



PE Drainage Equal Wye Junction SDR17 Derated to PN5 **PE604**

Code	Size (mm)	Bend
PE604.110.45	110	45°
PE604.125.45	124	45°
PE604.160.45	160	45°
PE604.180.45	180	45°
PE604.200.45	200	45°
PE604.225.45	225	45°
PE604.250.45	250	45°
PE604.280.45	280	45°
PE604.315.45	315	45°



PE Drainage Reducing Wye SDR17 **PE604**

Code	Size (mm)	Bend
PE604.250.90.45	250 . 90	45°
PE604.250.110.45	250 . 110	45°
PE604.250.125.45	250 . 125	45°
PE604.250.160.45	250 . 160	45°
PE604.250.180.45	250 . 180	45°
PE604.280.90.45	280 . 90	45°
PE604.280.110.45	280 . 110	45°
PE604.280.125.45	280 . 125	45°
PE604.280.160.45	280 . 160	45°
PE604.280.180.45	280 . 180	45°
PE604.280.200.45	280 . 200	45°
PE604.315.90.45	315 . 90	45°
PE604.315.110.45	315 . 110	45°
PE604.315.125.45	315 . 125	45°
PE604.315.160.45	315 . 160	45°
PE604.315.180.45	315 . 180	45°
PE604.315.200.45	315 . 200	45°
PE604.315.225.45	315 . 225	45°
PE604.355.90.45	355 . 90	45°
PE604.355.110.45	355 . 110	45°
PE604.355.125.45	355 . 125	45°
PE604.355.160.45	355 . 160	45°
PE604.355.180.45	355 . 180	45°
PE604.355.200.45	355 . 200	45°
PE604.355.225.45	355 . 225	45°
PE604.355.250.45	355 . 250	45°
PE604.355.250.45	355 . 250	45°



PE Drainage Reducing Wye SDR17 **PE604**

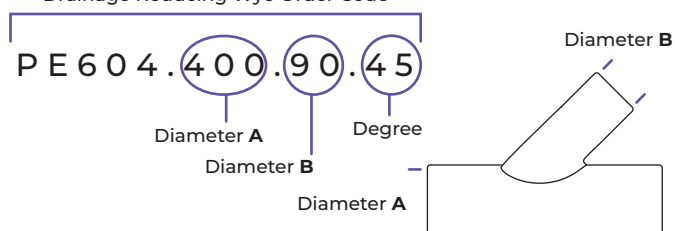
Code	Size (mm)	Bend
PE604.125.90.45	125 . 90	45°
PE604.160.90.45	160 . 90	45°
PE604.160.110.45	160 . 110	45°
PE604.180.90.45	180 . 90	45°
PE604.180.110.45	180 . 110	45°
PE604.180.125.45	180 . 125	45°
PE604.200.90.45	200 . 90	45°
PE604.200.110.45	200 . 110	45°
PE604.200.125.45	200 . 125	45°
PE604.225.90.45	200 . 90	45°
PE604.225.110.45	225 . 110	45°
PE604.225.125.45	225 . 125	45°
PE604.225.160.45	225 . 160	45°

Continue to the next column.

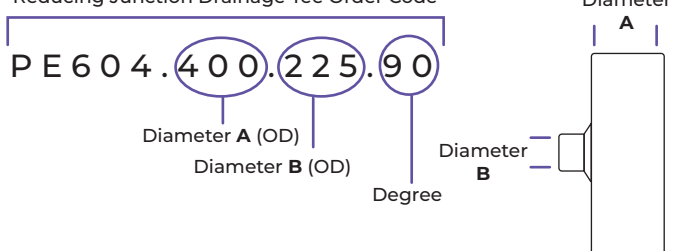
Continue to the next column.

FABRICATED: SEWER/STORMWATER

Drainage Reducing Wye Order Code



Reducing Junction Drainage Tee Order Code



PE Drainage Reducing Wye SDR17

PE604

Code	Size (mm)	Bend
PE604.400.90.45	400 . 90	45°
PE604.400.110.45	400 . 110	45°
PE604.400.125.45	400 . 125	45°
PE604.400.160.45	400 . 160	45°
PE604.400.180.45	400 . 180	45°
PE604.400.200.45	400 . 200	45°
PE604.400.225.45	400 . 225	45°
PE604.400.250.45	400 . 250	45°
PE604.400.280.45	400 . 280	45°
PE604.450.90.45	450 . 90	45°
PE604.450.110.45	450 . 110	45°
PE604.450.125.45	450 . 125	45°
PE604.450.160.45	450 . 160	45°
PE604.450.180.45	450 . 180	45°
PE604.450.200.45	450 . 200	45°
PE604.450.225.45	450 . 225	45°
PE604.450.250.45	450 . 250	45°
PE604.450.280.45	450 . 280	45°
PE604.450.315.45	450 . 315	45°



PE Reducing Junction Drainage Tee SDR17

PE604

Code	Size (mm)	Bend
PE604.125.90.90	125 . 90	90°
PE604.160.110.90	160 . 110	90°
PE604.160.125.90	160 . 125	90°
PE604.160.90.90	160 . 90	90°
PE604.180.110.90	180 . 110	90°
PE604.180.125.90	180 . 125	90°
PE604.180.90.90	180 . 90	90°
PE604.200.110.90	200 . 110	90°
PE604.200.125.90	200 . 125	90°
PE604.200.160.90	200 . 160	90°
PE604.200.90.90	200 . 90	90°
PE604.225.110.90	225 . 110	90°
PE604.225.125.90	225 . 125	90°
PE604.225.160.90	225 . 160	90°
PE604.225.180.90	225 . 180	90°
PE604.225.90.90	225 . 90	90°
PE604.250.110.90	250 . 110	90°
PE604.250.125.90	250 . 125	90°
PE604.250.180.90	250 . 180	90°
PE604.250.200.90	250 . 200	90°
PE604.250.90.90	250 . 90	90°
PE604.280.110.90	280 . 110	90°
PE604.280.125.90	280 . 125	90°
PE604.280.160.90	280 . 160	90°
PE604.280.180.90	280 . 180	90°



PE Drain Wye Suit PVC Junction for Drainage SDR17

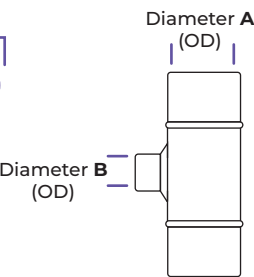
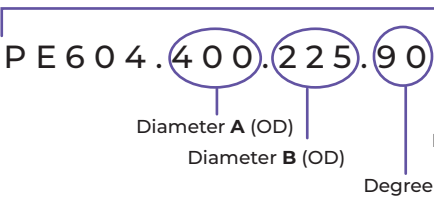
PE604

Code	Size (mm)	Bend
PE604.160.110P	160 . 110	45°

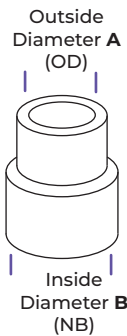
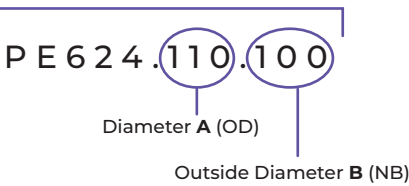
Continue to the next column.

FABRICATED: SEWER/STORMWATER

Reducing Junction Drainage Tee Order Code



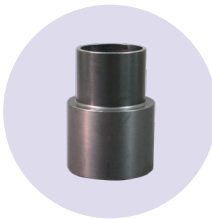
PE/PVC Drain Adapter Order Code



PE Reducing Junction Drainage Tee SDR17

PE604

Code	Size (mm)	Bend
PE604.400.225.90	400 . 225	90°
PE604.400.250.90	400 . 250	90°
PE604.400.280.90	400 . 280	90°
PE604.400.315.90	400 . 315	90°
PE604.400.90.90	400 . 90	90°
PE604.450.110.90	450 . 110	90°
PE604.450.125.90	450 . 125	90°
PE604.450.160.90	450 . 160	90°
PE604.450.180.90	450 . 180	90°
PE604.450.200.90	450 . 200	90°
PE604.450.225.90	450 . 225	90°
PE604.450.250.90	450 . 250	90°
PE604.450.280.90	450 . 280	90°
PE604.450.315.90	450 . 315	90°
PE604.450.355.90	450 . 355	90°
PE604.450.90.90	450 . 90	90°

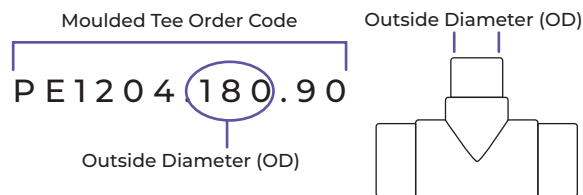
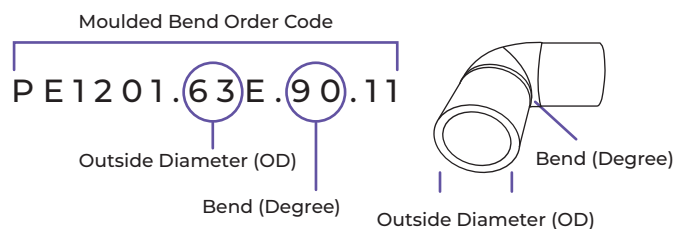


PE/PVC Drain Adapter SDR17

PE624

Code	Size (mm)
PE624.110.100	110 . 100
PE624.125.100	125 . 100
PE624.140.150	140 . 150
PE624.160.150	160 . 150
PE624.180.150	180 . 150
PE624.200.175	200 . 175
PE624.250.225	250 . 225

MOULDED: WATERMAIN/PRESSURE

PE Moulded Bend
Ext Leg SDR11

PE1201

Code	Size (mm)	Bend
PE1201.63E.90.11	63	90°
PE1201.75E.90.11	75	90°
PE1201.90E.45.11	90	45°
PE1201.90E.90.11	90	90°
PE1201.110E.45.11	110	45°
PE1201.110E.90.11	110	90°
PE1201.125E.45.11	125	45°
PE1201.125E.90.11	125	90°
PE1201.140E.45.11	140	45°
PE1201.140E.90.11	140	90°
PE1201.160E.45.11	160	45°
PE1201.160E.90.11	160	90°
PE1201.180E.45.11	180	45°
PE1201.180E.90.11	180	90°

- PN10 Pressure Rated System

PE Moulded Tee
SDR11

PE1204

Code	Size (mm)
PE1204.160.110.11	160 . 110
PE1204.160.90E	160 . 90
PE1204.180	180
PE1204.180.90	180 . 90
PE1204.180.90	180 . 90
E1204.200	200
PE1204.200.110.11	200 . 110
PE1204.200.90E	200 . 90
PE1204.225	225
PE1204.250	250
PE1204.250.110	250 . 110
PE1204.250.90E	250 . 90
PE1204.280	280
PE1204.315	315
PE1204.315.110	315 . 110
PE1204.355	355
PE1204.400	400
PE1204.450	450
PE1204.500	500

- PN10 Rated

PE Moulded Tee
SDR11

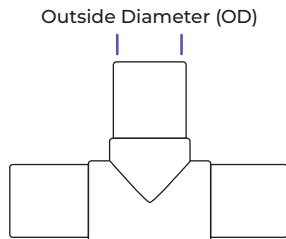
PE1204

Code	Size (mm)
PE1204.63	63
PE1204.75	75
PE1204.90	90
PE1204.110	110
PE1204.125	125
PE1204.140	140
PE1204.160	160

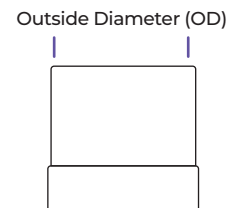
Continue to the next column.

MOULDED: WATERMAIN

Tee EXT Order Code
P E 1 2 0 4 . 5 0 E
Outside Diameter (OD)



End Cap EXT Leg Order Code
P E 1 2 3 0 . 2 0 E
Outside Diameter (OD)



PE Tee EXT Leg SDR11

PE1204

Code	Size (mm)
PE1204.50E	50
PE1204.75E	75
PE1204.90E	90
PE1204.110E	110
PE1204.125E	125
PE1204.140E	140
PE1204.160E	160
PE1204.180E	180
PE1204.200E	200
PE1204.225E	225
PE1204.250E	250
PE1204.280E	280
PE1204.315E	315

- PN10 Rated - PN10 Rated for EF Couplers



PE End Cap EXT Leg SDR11

PE1230

Code	Size (mm)
PE1230.20E	20
PE1230.25E	25
PE1230.32E	32
PE1230.40E	40
PE1230.50E	50
PE1230.63E	63
PE1230.75E	75
PE1230.90E	90
PE1230.110E	110
PE1230.125E	125
PE1230.140E	140
PE1230.160E	160
PE1230.180E	180
PE1230.200E	200
PE1230.225E	225
PE1230.250E	250
PE1230.280E	280
PE1230.315E	315



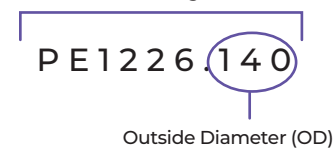
PE Butt welding End Cap SDR11

PE1230

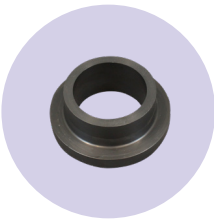
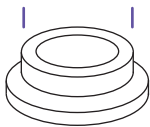
Code	Size (mm)
PE1230.90	90
PE1230.110	110
PE1230.125	125
PE1230.140	140
PE1230.160	160
PE1230.180	180
PE1230.200	200

MOULDED: WATERMAIN

Buttweld Stub Flange Order Code



Outside Diameter (OD)

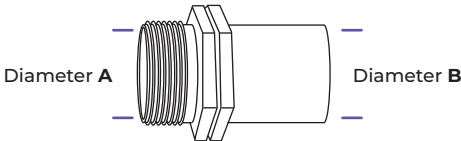
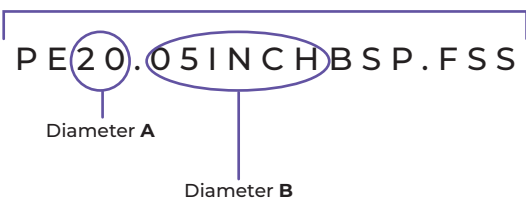


PE Buttwelding Stub Flange SDR11

PE1226

Code	Size (mm)
PE1226.140	140
PE1226.160	160
PE1226.180	180
PE1226.200	200
PE1226.225	225
PE1226.250	250
PE1226.280	280
PE1226.315	315

BSP Adapter Order Code



PE BSP Adapter

PE

Code	Type
PE20.05INCHBSP.FSS	½ Inch S/S 316 Female Transition for PE 20mm BSP
PE20.05INCHBSP.MSS	½ Inch S/S 316 Male Transition for PE 20mm BSP
PE25.0.8INCHBSP.F	¾ Inch Brass Female Adapter for PE 25mm BSP
PE25.0.8INCHBSP.FSS	¾ Inch S/S 316 Female Transition for PE 25mm BSP
PE25.0.8INCHBSP.M	¾ Inch Brass Male Adapter for PE 25mm BSP
PE25.0.8INCHBSP.MSS	¾ Inch S/S 316 Male Transition for PE 25mm BSP
PE32.1INCHBSP.M	1 Inch Brass Male Adapter for PE 32mm BSP
PE32.1INCHBSP.FSS	1 Inch S/S 316 Female Transition for PE 32mm BSP
PE32.1INCHBSP.MSS	1 Inch S/S 316 Male Transition for PE 32mm BSP
PE40.1.25INCHBSP.M	1 ¼ Inch Brass Male Adapter for PE 40mm BSP
PE40.1.25INCHBSP.MSS	1 ¼ Inch S/S 316 Male Transition for PE 40mm BSP
PE40.1.25INCHBSP.FSS	1 ¼ Inch BSP S/S 316 Female Transition for PE 40mm
PE50.1.5INCHBSP.M	1 ½ Inch Brass Male Adapter for PE 50mm BSP
PE50.1.5INCHBSP.F	1.5 Inch Brass Female Adapter for PE 50mm BSP
PE50.1.5INCHBSP.FSS	1 ½ Inch S/S 316 Female Transition for PE 50mm BSP
PE50.1.5INCHBSP.MSS	1 ½ Inch S/S 316 Male Transition for PE 50mm BSP
PE63.2INCHBSP.F	2 Inch Brass Female Adapter for PE 63mm BSP
PE63.2INCHBSP.M	2 Inch Brass Male Adapter for PE 63mm BSP
PE63.2INCHBSP.MSS	2 Inch S/S 316 Male Transition for PE 63mm BSP
PE63.2INCHBSP.FSS	2 Inch S/S 316 Female Transition for PE 63mm BSP

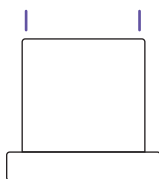
MOULDED: WATERMAIN

PE Stub EXT Leg Order Code

PE1226.50E.11

Outside Diameter (OD)

Outside Diameter (OD)



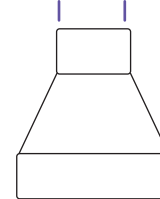
PE Reducer Order Code

PE1223.63.50E

Diameter A (OD)

Diameter B (OD)

Diameter B (OD)



Diameter A (OD)



PE Stub EXT Leg

PE1226

Code	Size (mm)	Type
PE1226.50E.11	50	SDR11
PE1226.63E.11	63	SDR11
PE1226.63E.17	63	SDR17
PE1226.75E.11	75	SDR11
PE1226.75E.17	75	SDR17
PE1226.90E.11	90	SDR11
PE1226.90E.17	90	SDR17
PE1226.110E.11	110	SDR11
PE1226.110E.17	110	SDR17
PE1226.125E.11	125	SDR11
PE1226.125E.17	125	SDR17
PE1226.140E.11	140	SDR11
PE1226.140E.17	140	SDR17
PE1226.160E.11	160	SDR11
PE1226.160E.17	160	SDR17
PE1226.180E.11	180	SDR11
PE1226.180E.17	180	SDR17
PE1226.200E.11	200	SDR11
PE1226.200E.17	200	SDR17
PE1226.225E.11	225	SDR11
PE1226.225E.17	225	SDR17
PE1226.250E.11	250	SDR11
PE1226.250E.17	250	SDR17
PE1226.280E.11	280	SDR11
PE1226.280E.17	280	SDR17
PE1226.315E.11	315	SDR11
PE1226.315E.17	315	SDR17



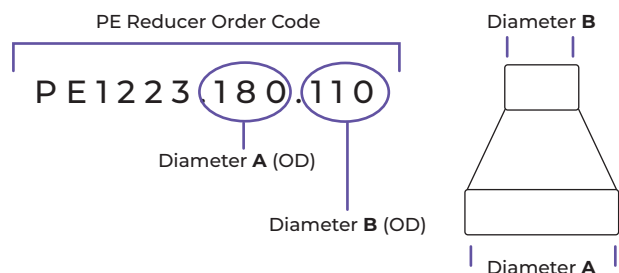
PE Reducer SDR11

PE1223

Code	Size (mm)
PE1223.63.50E	63 . 50
PE1223.75.63E	75 . 63
PE1223.90.63	90 . 63
PE1223.90.75E	90 . 75
PE1223.110.63	110 . 63
PE1223.110.75	110 . 75
PE1223.110.90	110 . 90
PE1223.125.63	125 . 63
PE1223.125.75	125 . 75
PE1223.125.90	125 . 90
PE1223.125.110	125 . 110
PE1223.140.63	140 . 63
PE1223.140.75	140 . 75
PE1223.140.90	140 . 90
PE1223.140.110	140 . 110
PE1223.140.125	140 . 125
PE1223.160.63	160 . 63
PE1223.160.75	160 . 75
PE1223.160.90	160 . 90
PE1223.160.110	160 . 110
PE1223.160.125	160 . 125
PE1223.160.140	160 . 140
PE1223.180.63	180 . 63
PE1223.180.75	180 . 75
PE1223.180.90	180 . 90

Continue to the next column.

MOULDED/FABRICATED: WATERMAIN



PE Reducer SDR11

PE1223

Code Size (mm)

PE1223.180.110	180 . 110
PE1223.180.125	180 . 125
PE1223.180.140	180 . 140
PE1223.180.160	180 . 160
PE1223.200.63	200 . 63
PE1223.200.75	200 . 75
PE1223.200.90	200 . 90
PE1223.200.125	200 . 125
PE1223.200.140	200 . 140
PE1223.200.160	200 . 160
PE1223.200.90	200 . 90
PE1223.225.90	225 . 90
PE1223.225.110	225 . 110
PE1223.225.125	225 . 125
PE1223.225.140	225 . 140
PE1223.225.160	225 . 160
PE1223.225.180	225 . 180
PE1223.225.180E	225 . 180
PE1223.225.200	225 . 200
PE1223.250.110	250 . 110
PE1223.250.125	250 . 125
PE1223.250.140	250 . 140
PE1223.250.160	250 . 160
PE1223.250.180	250 . 180
PE1223.250.200	250 . 200
PE1223.250.200E	250 . 200

Continue to the next column.



PE Reducer SDR11

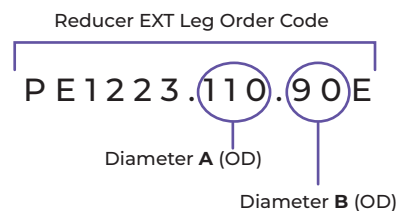
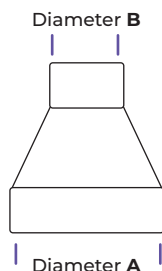
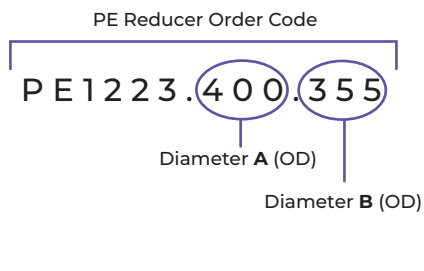
PE1223

Code Size (mm)

PE1223.250.225	250 . 225
PE1223.250.225E	250 . 225
PE1223.250.90	250 . 90
PE1223.280.110	280 . 110
PE1223.280.125	280 . 125
PE1223.280.140	280 . 140
PE1223.280.160	280 . 160
PE1223.280.180	280 . 180
PE1223.280.200	280 . 200
PE1223.280.225	280 . 225
PE1223.280.250	280 . 250
PE1223.315.160	315 . 160
PE1223.315.180	315 . 180
PE1223.315.200	315 . 200
PE1223.315.225	315 . 225
PE1223.315.250E	315 . 250
PE1223.315.280	315 . 280
PE1223.355.180	335 . 180
PE1223.355.90	355 . 90
PE1223.355.200	355 . 200
PE1223.355.225	355 . 225
PE1223.355.250	355 . 250
PE1223.355.280	355 . 280
PE1223.355.315	355 . 315
PE1223.400.225	400 . 225
PE1223.400.250	400 . 250
PE1223.400.280	400 . 280
PE1223.400.315	400 . 315

Continue to the next column.

MOULDED/FABRICATED: WATERMAIN



PE Reducer SDR11

PE1223

Code	Size (mm)
PE1223.400.355	400 . 355
PE1223.450.250	450 . 250
PE1223.450.280	450 . 280
PE1223.450.315	450 . 315
PE1223.450.355	450 . 355
PE1223.450.400	450 . 400
PE1223.500.315	500 . 315
PE1223.500.355	500 . 355
PE1223.500.400	500 . 400
PE1223.500.450	500 . 450
PE1223.560.400	560 . 400
PE1223.560.450	560 . 450
PE1223.560.500	560 . 500
PE1223.630.450	630 . 450
PE1223.630.500	630 . 500
PE1223.630.560	630 . 560



PE Reducer EXT Leg SDR11

PE1223

Code	Size (mm)
PE1223.110.90E	110 . 90
PE1223.125.110E	125 . 110
PE1223.125.90E	125 . 90
PE1223.160.110E	160 . 110
PE1223.160.125E	160 . 125
PE1223.160.90E	160 . 90
PE1223.180.125E	180 . 125
PE1223.180.160E	180 . 160
PE1223.200.110E	200 . 110
PE1223.200.160E	200 . 160
PE1223.225.160E	225 . 160
PE1223.225.200E	225 . 200



PE Hydrant Tee SDR11

PE1204

Code	Size (mm)
PE1204.125HYD	125
PE1204.160HYD	160
PE1204.180.100HYD	180 . 125
PE1204.180HYD	180
PE1204.225HYD	225
PE1204.250HYD	250
PE1204.355HYD	355



PE Butt welding End Cap SDR11

PE1230

Code	Size (mm)
PE1230.225	225
PE1230.250	250
PE1230.280	280
PE1230.315	315
PE1230.355	355
PE1230.400	400
PE1230.450	450
PE1230.500	500
PE1230.560	560
PE1230.630	630

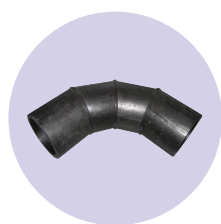
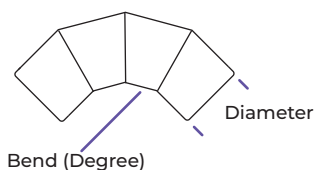
FABRICATED: DE-RATED BENDS - PRESSURE RATED

Segmented Bend Order Code

PE1201.90.45

Diameter
(mm)

Bend (Degree)



PE Segmented Bend SDR11

PE1201

Code	Size (mm)	Type	Bend
PE1201.90.45	90	1 Segment Bend	45°
PE1201.90.90	90	2 Segment Bend	90°
PE1201.110.45	110	1 Segment Bend	45°
PE1201.110.90	110	2 Segment Bend	90°
PE1201.125.11	125	Elbow	11°
PE1201.125.22	125	Elbow	22°
PE1201.125.45	125	1 Segment Bend	45°
PE1201.125.90	125	2 Segment Bend	90°
PE1201.160.45	160	1 Segment Bend	45°
PE1201.160.90	160	2 Segment Bend	90°
PE1201.180.11	180	Elbow	11°
PE1201.180.22	180	Elbow	22°
PE1201.180.45	180	1 Segment Bend	45°
PE1201.180.90	180	2 Segment Bend	90°
PE1201.200.45	200	1 Segment Bend	45°
PE1201.200.90	200	2 Segment Bend	90°
PE1201.225.45	225	1 Segment Bend	45°
PE1201.225.90	225	2 Segment Bend	90°
PE1201.250.11	250	Elbow	11°
PE1201.250.22	250	Elbow	22°
PE1201.250.45	250	1 Segment Bend	45°
PE1201.250.90	250	2 Segment Bend	90°
PE1201.280.45	280	1 Segment Bend	45°
PE1201.280.90	280	2 Segment Bend	90°
PE1201.315.45	315	1 Segment Bend	45°
PE1201.315.90	315	2 Segment Bend	90°
PE1201.355.22	355	Elbow	22°
PE1201.355.45	355	1 Segment Bend	45°
PE1201.355.90	355	2 Segment Bend	90°
PE1201.400.45	400	1 Segment Bend	45°
PE1201.400.90	400	2 Segment Bend	90°
PE1201.450.45	450	1 Segment Bend	45°
PE1201.450.90	450	2 Segment Bend	90°
PE1201.500.45	500	1 Segment Bend	45°
PE1201.500.90	500	2 Segment Bend	90°

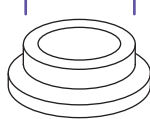
FABRICATED: WATERMAIN

Buttweld Stub Flange Order Code

PE1226.355

Outside Diameter (OD)

Outside Diameter (OD)

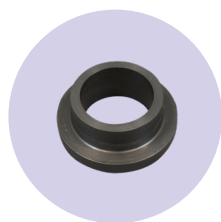
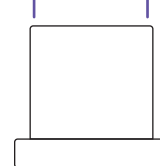


Stub EXT Leg Flange Order Code

PE1226.355E

Outside Diameter (OD)

Outside Diameter (OD)



PE Buttweld Stub Flange

PE1226

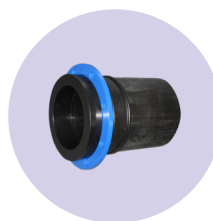
Code	Size (mm)	Type
PE1226.355	355	SDR11
PE1226.375	375	SDR11
PE1226.400	400	SDR11
PE1226.450	450	SDR11
PE1226.450.17	450	SDR17
PE1226.500	500	SDR11
PE1226.500.17	500	SDR17
PE1226.560	560	SDR11
PE1226.560.17	560	SDR17
PE1226.630	630	SDR11
PE1226.630.17	630	SDR17
PE1226.710.11	710	SDR11
PE1226.710.17	710	SDR17
PE1226.800.11	800	SDR11
PE1226.800.17	800	SDR17
PE1226.900.11	900	SDR11
PE1226.900.17	900	SDR17
PE1226.1000.11	1000	SDR11
PE1226.1000.17	1000	SDR17
PE1226.1200.11	1200	SDR11
PE1226.1200.17	1200	SDR17



PE Stub EXT Leg Flange SDR11

PE1226

Code	Size (mm)
PE1226.355E	355
PE1226.375E	375
PE1226.400E	400
PE1226.450E	450
PE1226.500E	500
PE1226.560E	560
PE1226.630E	630



PE Slim Flange

PE1226

Code	Size (mm)	For
PE1226.250.200	200	200 PN12
PE1226.250.200PN16	250	200 PN16
PE1226.315.250	315	250 PN12
PE1226.315.250FFF	315	250 PN16 Full Face
PE1226.355.300	355	300 PN12
PE1226.400.350	400	350 PN12
PE1226.400.375	400	375 PN12
PE1226.450.375	450	375 PN12
PE1226.450.400	450	400 PN12
PE1226.500.450	500	450 PN12
PE1226.560.500	560	500 PN12

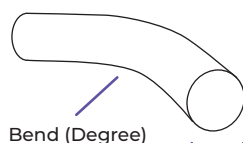
FORMING

Swept Drain Bend Order Code

P E 6 0 3 . 6 3 . 4 5

Outside Diameter (OD)

Bend (Degree)



Bend (Degree)

Outside Diameter (OD)



PE Swept Drain Bend SDR17

PE603

Code	Size (mm)	Bend
PE603.63.45	63	45°
PE603.63.90	63	90°
PE603.90.45	90	45°
PE603.90.90	90	90°
PE603.110.45	110	45°
PE603.110.90	110	90°
PE603.125.45	125	45°
PE603.125.90	125	90°
PE603.160.45	160	45°
PE603.160.90	160	90°
PE603.180.45	180	45°
PE603.180.90	180	90°
PE603.200.45	200	45°
PE603.200.90	200	90°
PE603.225.45	225	45°
PE603.225.90	225	90°
PE603.250.45	250	45°
PE603.250.90	250	90°
PE603.280.45	280	45°
PE603.280.90	280	90°
PE603.315.45	315	45°
PE603.315.90	315	90°
PE603.355.45	355	45°
PE603.355.90	355	90°
PE603.400.45	400	45°
PE603.400.90	400	90°
PE603.450.45	450	45°
PE603.450.90	450	90°
PE603.500.45	500	45°
PE603.500.90	500	90°



PE Swept Bend SDR11

PE1203

Code	Size (mm)	Bend
PE1203.50.45	50	45°
PE1203.50.90	50	90°
PE1203.63.45	63	45°
PE1203.63.90	63	90°
PE1203.75.45	75	45°
PE1203.75.90	75	90°
PE1203.90.45	90	45°
PE1203.90.90	90	90°
PE1203.110.45	110	45°
PE1203.110.90	110	90°
PE1203.125.45	125	45°
PE1203.125.90	125	90°
PE1203.140.45	140	45°
PE1203.140.90	140	90°
PE1203.160.45	160	45°
PE1203.160.90	160	90°
PE1203.180.45	180	45°
PE1203.180.90	180	90°
PE1203.200.45	200	45°
PE1203.200.90	200	90°
PE1203.225.45	225	45°
PE1203.225.90	225	90°
PE1203.250.45	250	45°
PE1203.250.90	250	90°
PE1203.280.45	280	45°
PE1203.280.90	280	90°
PE1203.315.45	315	45°
PE1203.315.90	315	90°
PE1203.355.45	355	45°
PE1203.355.90	355	90°
PE1203.400.45	400	45°
PE1203.400.90	400	90°
PE1203.450.45	450	45°
PE1203.450.90	450	90°
PE1203.500.45	500	45°
PE1203.500.90	500	90°

MISCELLANEOUS PRODUCTS

MISCELLANEOUS PRODUCTS RANGE

PRODUCTS

84-86 Adaptors | Valves
Connectors | Rainheads
Rainwater Angles
Pipe | Manifolds
Drilling Patterns

TANKS

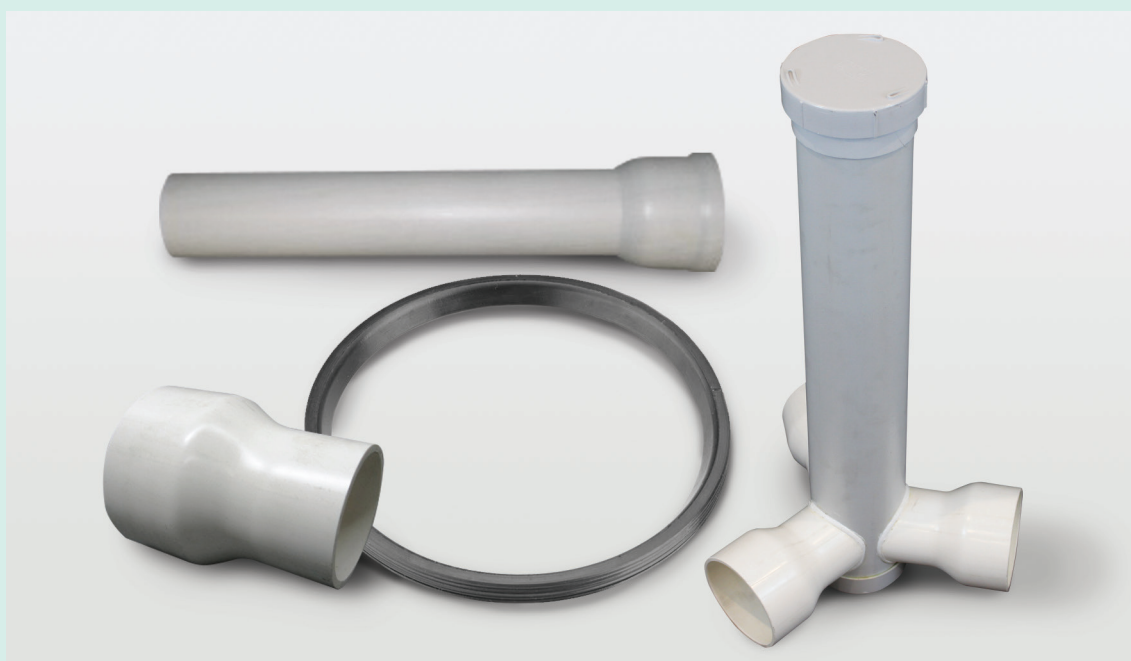
87 Retention and
Detention Tanks

PIPES

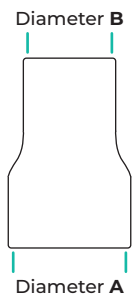
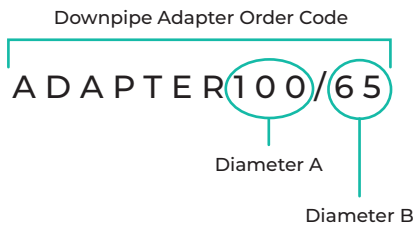
88-89 TWINWALL PIPES
FARMPipe SN6
CIVILPIPE SN8 & SN16

TWINWALL PIPE | RUBBER RING AND FITTINGS

90 Coupler | Rubber Ring
Bends | Junctions
Double Couplers
Manhole Connectors



Code breakdown



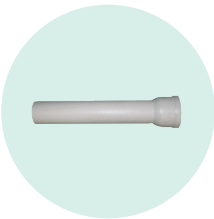
Depending on the type of product, the following illustrations explain what the code numbers mean.



Downpipe Adapter



Code	Size (mm)
ADAPTER100/65	100 . 65
ADAPTER100/80	100 . 80



Pan Connector for DWV



Code	Size (mm)
PAN	100



Splitter Valves



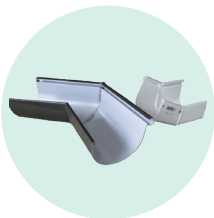
Code	Size (mm)
SPLITTER2WAY	100mm 2 Way
SPLITTER3WAY	100mm 3 Way



Rainheads



Code
RAINHEADS

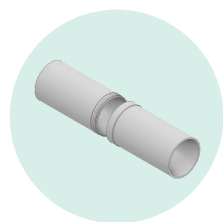
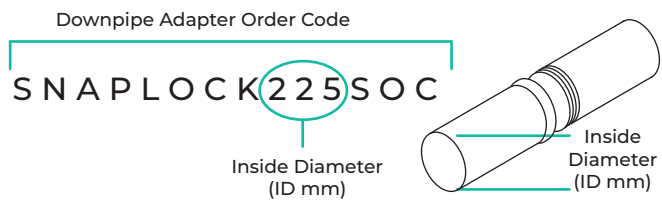


Rainwater Angles



Code
RAINWATER 1
RAINWATER 2
RAINWATER 3

PRODUCTS



Snap Lock Pipe
Socket SN16



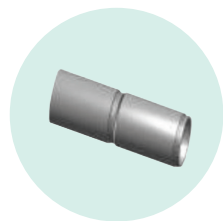
Code	Size (mm)	Length (mm)
SNAPLOCK225SOC	225	1150
SNAPLOCK225SOCSP	225	1150
SNAPLOCK225SP	225	1150



Manifolds



Code
PE MANIFOLDS
PVC MANIFOLDS



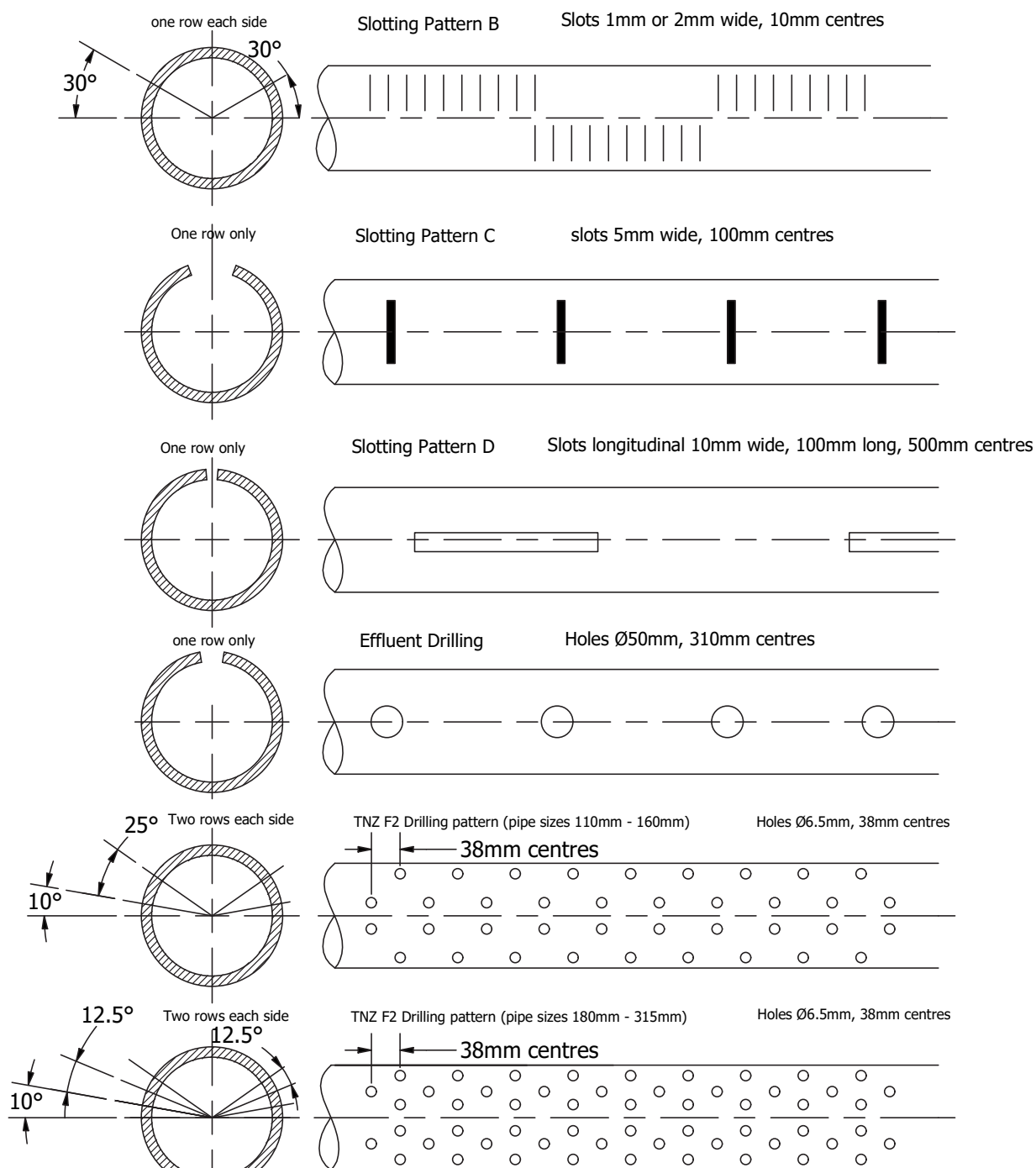
Jacking Pipe
for Reline or
Slip Line Pipe



Code
JACKING PIPE

PRODUCTS

Drilling and Slotting patterns



Tolerances

Slotting

- minimum O/D for pattern B is 42mm (32mm DWV)
- minimum O/D for pattern B is 250mm

Drilling

- minimum O/D for drilling is 100mm (can do 42mm (32mm DWV) with special setup)
- minimum O/D for drilling is 355mm

RETENTION AND DETENTION TANKS

Whether you require storage solutions or stormwater retention systems, Solo Plastics offers designs tailored to your needs.



Available diameters from 600mm to 3200mm



ISO TYPE 5
AS/NZS 5065:2005



1-22m long



600-3200mm
diameter



Easily connected
on-site



Fully
recyclable



Lightweight



Totally flexible
design: sumps risers,
connectors



100-year
design life



- Suitable for under lawn installations and for under driveway installations.
- For under driveway tanks we calculate the required wall thickness using EasyPipe software.
- Made to the required volume.
- Outlet flow designed to suit the application and local body requirements e.g. A silt trap as required by the Auckland City Council.
- Calculations are in accordance with AS/NZS 2566.1:1998 – Buried Flexible pipelines: Structural design and installation parameters used are in accordance with AS/NZS 2566.2:2002 – Buried flexible pipelines - Installation



- Available as a Detention, Retention or combo tank system.
- Fully UV stabilised.
- Smooth internally for easy cleaning, ribbed externally for extra strength.
- 600mm access entry with push on inspection cap.
- Inlets, outlets, access, joins and pump locations can be configured in any way that is necessary.
- Anti-Buoyancy design and solution can be provided.

Free delivery for tanks up to 6 meters around Auckland. Delivery for longer tanks is based on an hourly charge. For all information please contact Solo: solo.sales@solo.co.nz

PIPES

TWINWALL PIPES

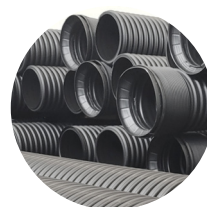
FARMPIPE SN6, CIVILPIPE SN8 & SN16

New Zealand made corrugated PE pipe system utilising the latest manufacturing technology.

- **FARMPIPE SN6** From the FOREST to the FARM, FARMPIPE is the ideal solution for culverting needs being a New Zealand made twinwall (corrugated) polymer pipe system. Utilising the latest manufacturing technology, FARMPIPE is made to SN6 stiffness rating under the AS/NZS 5065:2005 standard, ensuring its suitability for culverts. Supplied in 6 metre (approx.) lengths, FARMPIPE is chemically inert, very light, yet incredibly strong, and able to withstand high loads and severe impacts.

It is specified in DN – which is the ID of the pipe (unlike some alternatives which are denominated by OD suggesting they are up to 36% bigger than they are).

- **CIVILPIPE** is a New Zealand made twinwall (corrugated) polymer pipe system that is ideal for stormwater or wastewater applications. Utilising the latest manufacturing technology, CIVILPIPE is made to either the SN8 or SN16 stiffness ratings under the AS/NZS 5065:2005 standard, ensuring its suitability for road culverts and gravity pipelines. Supplied in 6 metre (approx.) lengths, CIVILPIPE is chemically inert, very light, yet incredibly strong, and able to withstand high loads and severe impacts. It is specified in DN – which is the ID of the pipe (unlike some alternatives which are OD).



FARMPIPE and **CIVILPIPE** culvert pipes are designed and manufactured to produce **zero toxic** leaching.



RUBBER RINGS

NZ-Made 100yr life rings are available for joining pipes.

FLUMING

Single-wall half-pipe variants are available.

HALF LENGTHS

Are available on request.

DN is the Nominal Diameter which for these pipes corresponds exactly to the ID - Internal Diameter – avoiding the possibility of confusion..

SN Rating is the Nominal Stiffness expressed as vertical load in N/m/m. This can be provided to EasyPipe software and can be used to calculate the required SN Rating for any given section. SN Ratings are equal to the concrete class i.e. Class 2 is equal to SN4 and Class 4 is equal to SN16.

The nominal stiffness ratings for flexible pipes are typically SN4, SN6, SN8, SN12, and SN16, where the number represents the stiffness in kN/m². For example, **CIVILPIPE SN8** pipe has a nominal stiffness of 8000 N/m², and **CIVILPIPE SN16** has a nominal stiffness of 16000 N/m².

TWINWALL PIPE



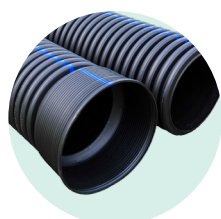
FARMPIPE SN6

TW6

Code	DN	ID mm	OD mm	Effective Length mm	Weight
TW6.100.6	100	98	115	6413 mm	4kg
TW6.150.6	150	147	171	6348 mm	6kg
TW6.225.6	225	218	254	6283 mm	14kg
TW6.300.6	300	295	345	6188 mm	22kg
TW6.375.6	375	375	437	6183 mm	40kg
TW6.450.6	450	450	523	6123 mm	61kg
TW6.525.6	525	525	611	6041 mm	70kg
TW6.600.6	600	600	702	5920 mm	90kg
TW6.800.6	800	800	936	5936 mm	161kg
TW6.1000.6	1000	1000	1166	5892 mm	258kg

ISO TYPE 5
AS/NZS 5065:2005Fully
recyclable100-year
design life

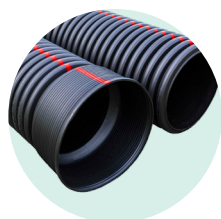
Lightweight



CIVILPIPE SN8 & SN16

TW8
TW16

Code	DN	ID mm	OD mm	Effective Length mm	Weight
TW8.100.6	100	98	115	6413 mm	5kg
TW8.150.6	150	147	171	6348 mm	8kg
TW8.225.6	225	218	254	6283 mm	17kg
TW8.300.6	300	295	345	6188 mm	28kg
TW8.375.6	375	375	437	6183 mm	45kg
TW8.450.6	450	450	523	6123 mm	70kg
TW8.525.6	525	525	611	6041 mm	95kg
TW8.600.6	600	600	702	5920 mm	115kg
TW8.800.6	800	800	936	5936 mm	195kg
TW8.1000.6	1000	1000	1166	5892 mm	324kg
TW16.225.6	225	218	254	6283 mm	19kg
TW16.300.6	300	295	345	6188 mm	32kg
TW16.375.6	375	375	437	6183 mm	52kg
TW16.450.6	450	450	523	6123 mm	80kg
TW16.525.6	525	525	611	6041 mm	109kg
TW16.600.6	600	600	702	5920 mm	132kg
TW16.800.6	800	800	936	5936 mm	224kg
TW16.1000.6	1000	1000	1166	5892 mm	372kg



Key Benefits

- > Best resistance to abrasion.
- > Superb hydraulic performance.
- > Can be used in any soil conditions with a 100 year life.
- > Easy to cut to length with hand tools.
- > Extremely strong.
- > Less transport costs and install costs.
- > Good chemical stability.
- > Lighter than concrete or PVC.
- > Quick to install – laying in 6m lengths.
- > Accompanied by a full range of fittings.
- > Can be connected to any existing or potential pipe or manhole.
- > Less transport costs and install costs.
- > Completely recyclable.
- > Superb biological resistance.
- > Best seismic resistance.

TWINWALL PIPE | RUBBER RING AND FITTINGS

Coupler

TW1511

Code	Type
TW1511.225HD	TW 225 HD Twin Wall Slip Coupler
TW1511.300HD	TW 300 HD Twin Wall Slip Coupler
TW1511.375HD	TW 375 HD Twin Wall Slip Coupler

Rubber Ring

ZC

Code	Type
ZC.100	ZC 100mm Rubber Ring
ZC.150	ZC 150mm Rubber Ring
ZC.200	ZC 200mm Rubber Ring
ZC.225	ZC 225mm Rubber Ring
ZC.300	ZC 300mm Rubber Ring
ZC.375	ZC 375mm Rubber Ring
ZC.450	ZC 450mm Rubber Ring
ZC.525	ZC 525mm Rubber Ring
ZC.600	ZC 600mm Rubber Ring

Bends

ZC1501H

Code	Type
ZC1501H.225.45	225 UPVC 45DEG Fabricated Bend ZC Corrugated SBE
ZC1501H.225.90	225 UPVC 90DEG Fabricated Bend ZC Corrugated SBE
ZC1501H.300.45	300 UPVC 45DEG Fabricated Bend ZC Corrugated SBE
ZC1501H.300.90	300 UPVC 90DEG Fabricated Bend ZC Corrugated SBE
ZC1501H.375.45	375 UPVC 45DEG Fabricated Bend ZC Corrugated SBE
ZC1501H.375.90	375 UPVC 90DEG Fabricated Bend ZC Corrugated SBE
ZC1501H.450.45	450 UPVC 45DEG Fabricated Bend ZC Corrugated SBE
ZC1501H.450.90	450 UPVC 90DEG Fabricated Bend ZC Corrugated SBE

Junctions

ZC1504H

Code	Type
ZC1504H.225.45	225mm 45 Degree Junction ZC Corrugated SBE
ZC1504H.225.90	225mm 90 Degree Junction ZC Corrugated SBE
ZC1504H.300.45	300mm 45 degree Junction ZC Corrugated SBE
ZC1504H.300.90	300mm 90 Degree Junction ZC corrugated SBE
ZC1504H.375.45	375mm 45 degree Junction ZC Corrugated SBE
ZC1504H.375.90	375mm 90 Degree Junction ZC corrugated SBE
ZC1504H.450.45	450mm 45 degree Junction ZC Corrugated SBE
ZC1504H.450.90	450mm 90 Degree Junction ZC corrugated SBE

Double Couplers

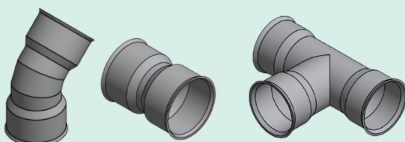
ZC1511
ZC1523

Code	Type
ZC1511.225HD	ZC 225 HD Double Coupler SBE
ZC1511.300HD	ZC 300 HD Double Coupler SBE
ZC1511.375HD	ZC 375 HD Double Coupler SBE
ZC1511.450HD	ZC 450 HD Double Coupler SBE
ZC1523.300.225C	300 225 ZC Concentric Reducer SN16 SBE
ZC1523.375.300C	375 300 ZC Concentric Reducer SN16 SBE
ZC1523.450.375C	450 375 ZC Concentric Reducer SN16 SBE

Manhole Connectors

ZCMC

Code	Type
ZCMC.225	225 ZC Manhole Connector SN16 SLEEVED/FLARED ONE END
ZCMC.300	300 ZC Manhole Connector SN16 SLEEVED/FLARED ONE END
ZCMC.375	375 ZC Manhole Connector SN16 SLEEVED/FLARED ONE END
ZCMC.450	450 ZC Manhole Connector SN16 SLEEVED/FLARED ONE END



FITTINGS

- For Fittings 100-200mm use Fernco products.

Refer to the tables for:

- Couplers
- Rubber Rings
- Bends
- Junctions
- Double Couplers
- Manhole Connectors

TWINWALL PIPE

OUR HDPE CULVERT PIPES CAN BE ADAPTED IN MANY WAYS TO FIT TO EXISTING CONCRETE, PE OR PVC CULVERTS AND EVEN HAVE FLOOD GATES ATTACHED IF REQUIRED.



100 year asset life.
100 year life expectancy.



Smooth Bore.
Smooth interior/bore to increase flow rates.



Connect-ability.
Socket (female) / Spigot (male) push fit connections to quickly connect to other pipes.



Adaptability.
Pipe can be drilled/perforated for drainage and it does not affect its strength.



Save cost and wastage.
Pipes can be manufactured to length to save cost and wastage.

USED FOR:

- Farm culverts
- Access way culverts
- Civil temporary works
- Forestry culverts
- Piping water races or creeks
- Stop bank culverts
- Flumes for surface water management
- Helping with upstream fish passage - through the installation of baffles

Solo Plastics

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New Zealand



solo

Fabricating for a better tomorrow
He waka eke noa



solo.co.nz