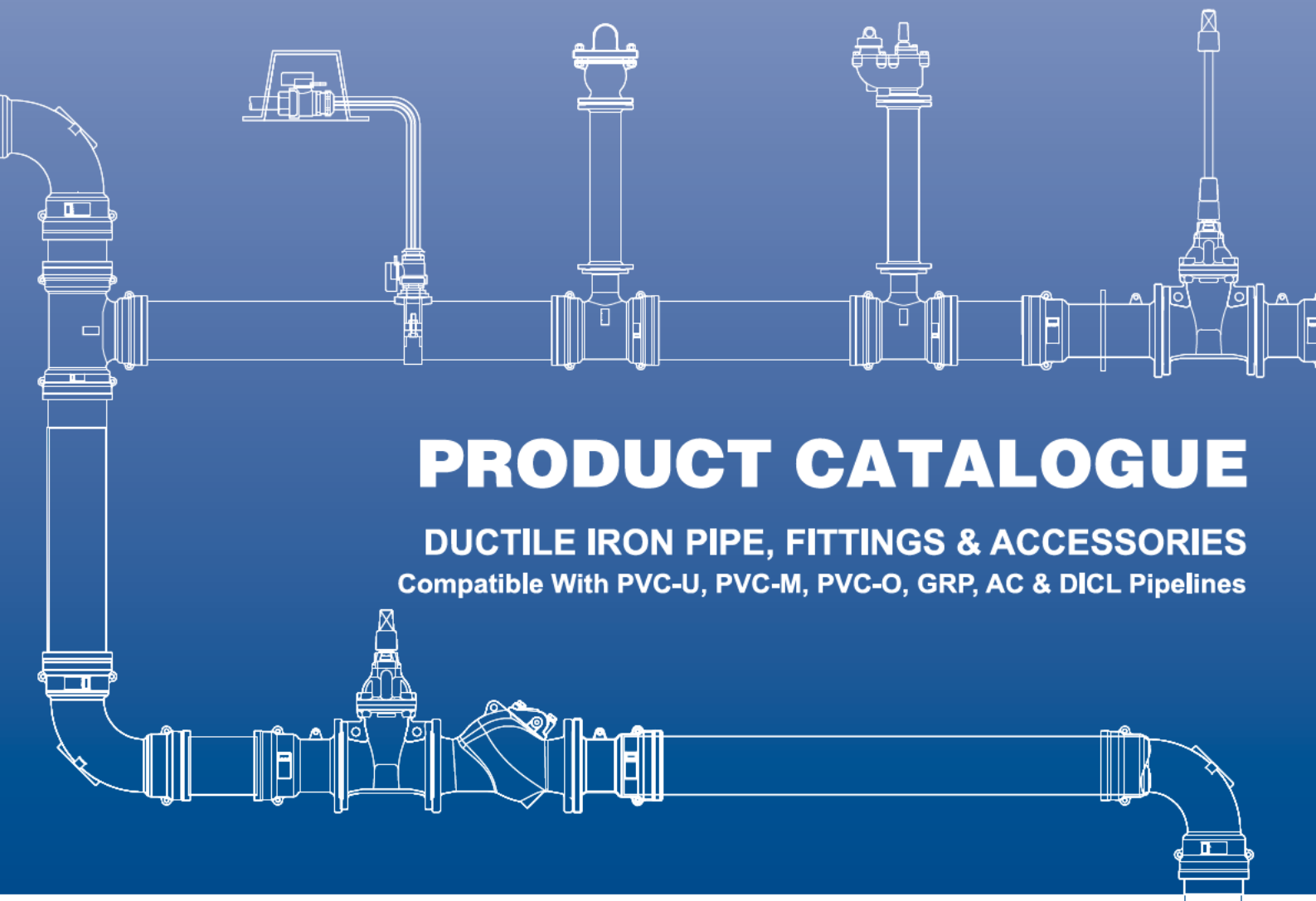

PRODUCT CATALOGUE

DUCTILE IRON PIPE, FITTINGS & ACCESSORIES

Compatible With PVC-U, PVC-M, PVC-O, GRP, AC & DICL Pipelines

Crevet

Disclaimer

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Contents

General Technical Data

Introduction	1
Common Pipeline Connections	2
Allowable Pressure Ratings	4
Effect On Potable water	4
Coatings	4
Spigot Details	4
Socket Details	5
Seals	5
Flange Details	6
Flange Gasket / Bolting Kits	6
Thrust Block Design for Fittings	7
Common Pipe Diameter Chart	8
PN35 & Flange Class Pipe	9
Flanged Pipe Configurations	9
Polyethylene Sleeving	9
Puddle (Weep) Flanges	9

Products

Bends	10
Tees	16
Scour Tees	22
Connectors & Pretaps	23
Tapers	25
Crosses	29
Wyes	30
Bell Mouths, Caps & Blank Flanges	31
Adapta Flanges	32
Dismantling Joints	33
Gibault Joints	34
Multifits - MFJ's	37
Couplings	38
Tapping Bands	39
Resilient Seated Valves	40
Non Return Valves / Check Valves	42
Hydrant Valves	43
Butterfly Valves	43
PE Valves	44
Valve Covers	48
Repair Clamps	49
Repair and Tapping Clamps	51
Flanged Clamps	52
Repair (Gal and Copper)	54

Introduction

Crevet Pipelines is one of Australia's leading suppliers of products for water, sewerage and drainage.

The company's commitment to quality and reliability extends to every facet of our business, customer service being our top priority. Crevet will ensure that your everyday requirements are met, with total customer satisfaction our aim. Crevet Pipelines is constantly developing new and innovative products that provide real solutions of lasting value and benefit to the industry.

Our ability to meet the diverse needs of our customers has resulted in the company being nominated as the preferred supplier to many customers throughout Australia.

Crevet Pipelines is able to supply a complete solution for your specific needs.

Technical Support

Crevet Pipelines service is supported by extensive experience and intimate knowledge of the industry. Our staff are skilled in design, application, structure and service.

We provide our customers with technical support from the design stage through to the completion of the project.

Product Development

A modern research and development culture has ensured Crevet is at the forefront of product development. Customer needs are met with purpose-designed and built products. We at Crevet pride ourselves on offering products which are safe, ecologically sustainable and environmentally friendly.

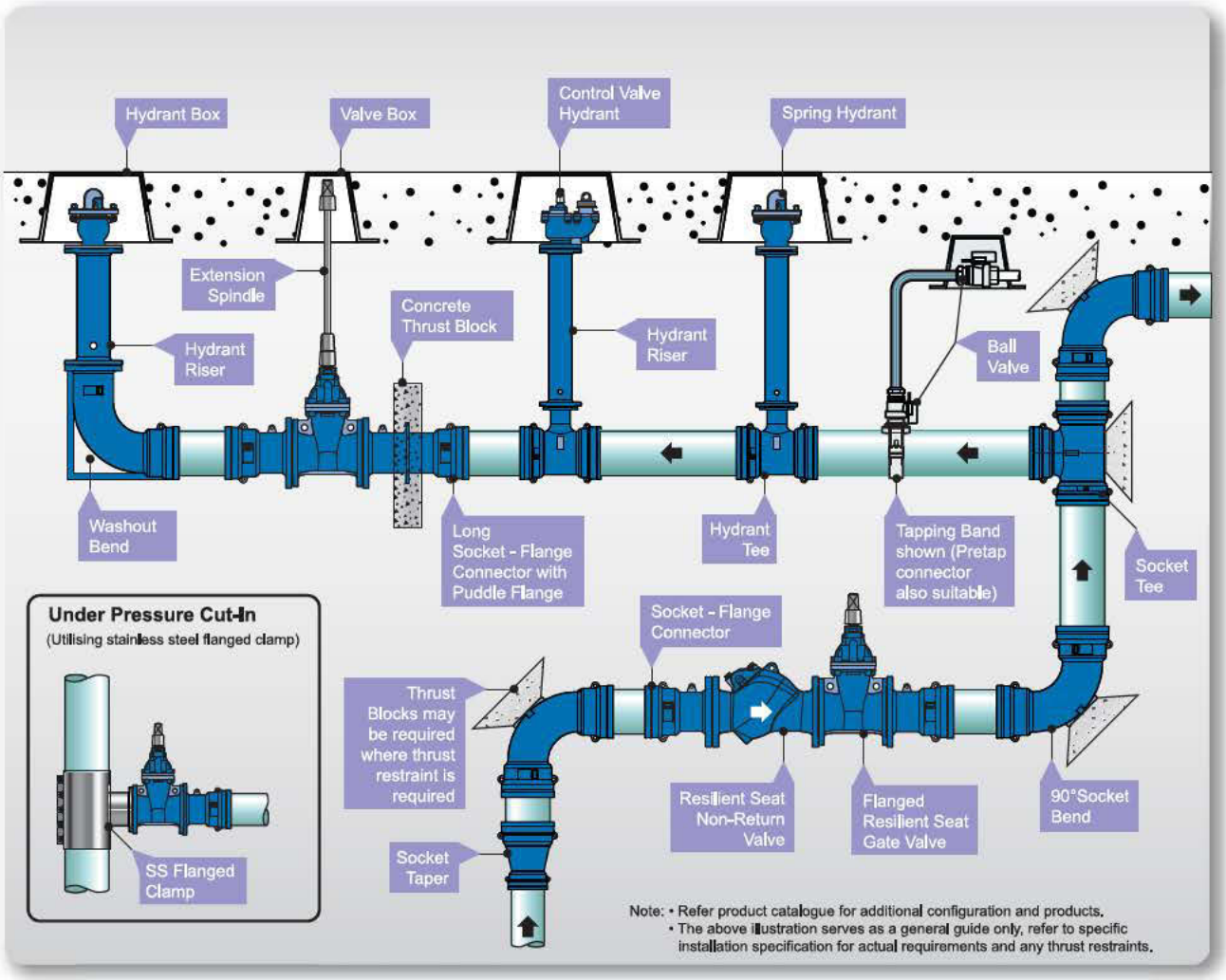
Product Ranges

Civil Products

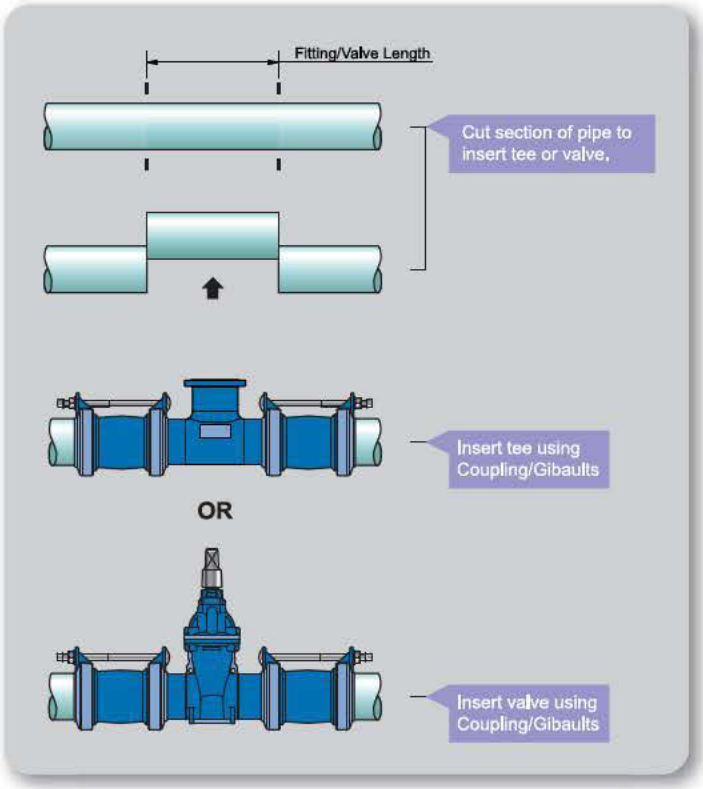
For more than a quarter of a century Crevet has been involved in the design, manufacture and distribution of Civil Products. These products include pipes, fittings, valves and accessories ranging in size from DN80 – DN750. Crevet also stocks products for jointing to PVC Pipe Systems. Gibaults and couplings are available for the jointing and repair of pipe work within these systems.

Products include: Ductile Iron Fittings
Ductile Iron Pipe
PVC Pipe
Sleeving
PVC Pipe
Metal & Resilient Seated Sluice Valves
Metal & Resilient Seated Non Return Valves
Hydrants
Air, Butterfly, Knife and specialty Valves
Gibaults and Couplings
Tapping Bands
Service Connections
Valve Covers
Seals & Bolting
Accessories

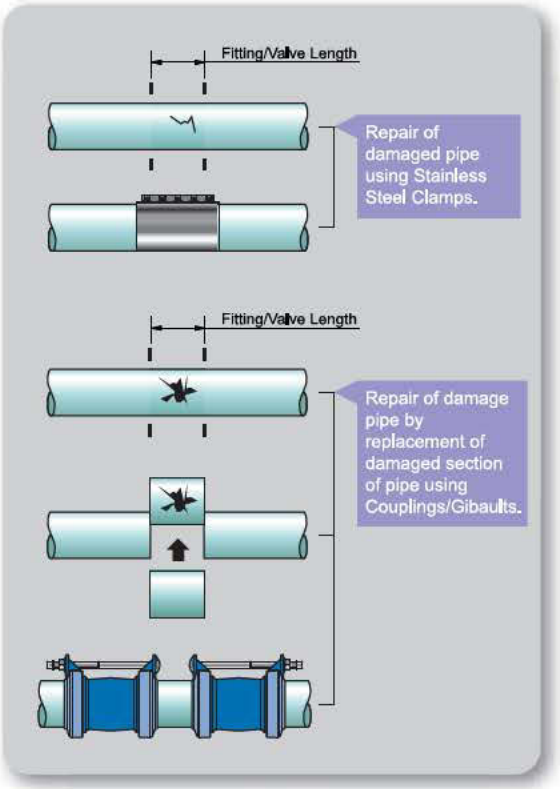
Common Fitting Assemblies



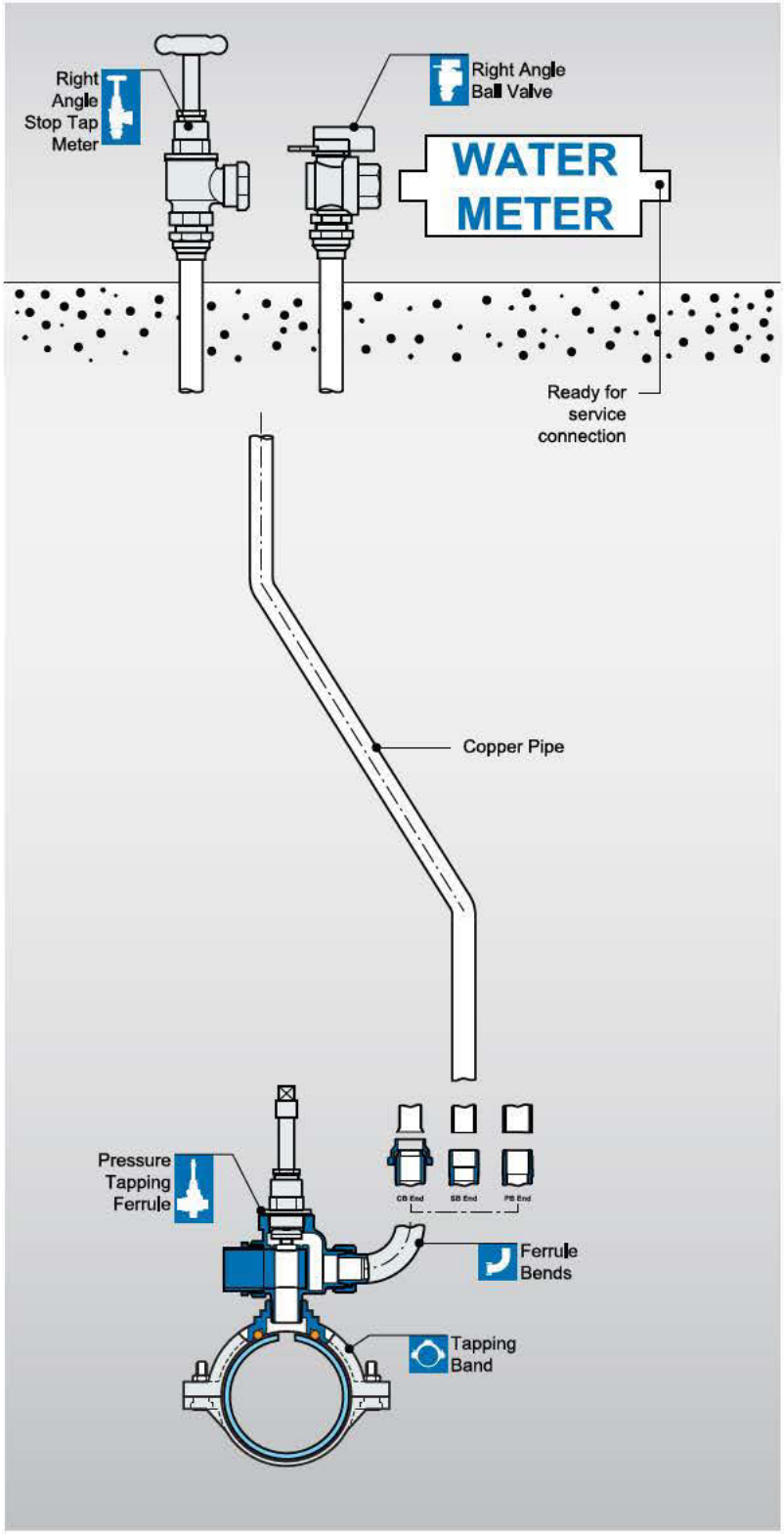
Typical Spigotted Valve or Fitting Insertions (Using Coupling or Gibault)

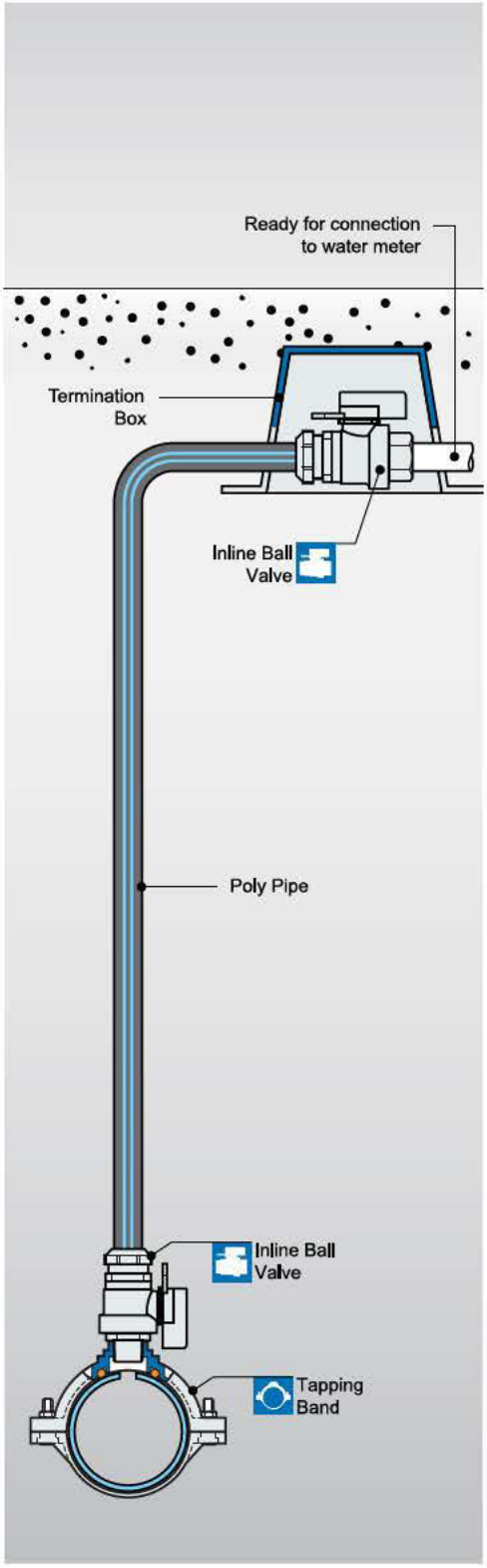


Typical Pipe Repair Methods



Typical Service Connections - Guide only.





NOTE:

- Above assembly applies to Post Installation (Under pressure tappings).
- Crevet® stainless steel Tapping Clamps or Taptite® tapping bands can be used for this purpose.
- The illustration shown are intended to serve as a guide only, individual application will depend on specific requirements. For further information contact your nearest sales office.
- Crevet® is a registered trademark of Crevet Ltd.
- Taptite® is a registered trademark of Northern Iron & Brass Foundry Pty. Ltd. (N.I.B.F.)

NOTE:

- Above assembly applies to During Installation (No pressure in pipeline).
- Crevet® stainless steel Clamps or DI pretap connections can be used for this purpose.
- The illustration shown are intended to serve as a guide only, individual application will depend on specific requirements. For further information contact your nearest sales office for specific local requirements.

Allowable Pressure Ratings

Allowable pressure ratings table for fittings used within a PN20 or PN35 pipeline with integral joints.

DN	Allowable Operating Pressure - MPa	Allowable Maximum Operating Pressure - MPa	Allowable Site Test Pressure - MPa
100 – 750	3.5	4.2	4.38
100 – 750	2.0	2.4	2.50

Allowable pressure ratings table for fittings used within a PN35 pipeline with flange joints.

Flange to AS4087	DN	Allowable Operating Pressure - MPa	Allowable Max. Operating Pressure - MPa	Allowable Site Test Pressure - MPa
PN 16	100-750	1.6	1.92	2.0
PN 35	100-750	3.5	4.2	4.38

Effect on Potable Water

Products in contact with potable water have been tested and comply with the requirements of AS/NZS4020 for products in contact with drinking water.

Materials - Fittings

Fittings manufactured from Ductile Iron (minimum grade 400MPa-12% elongation) with a maximum hardness of 250 Hardness Brinell (HB).

Materials - Pipe

Fittings manufactured from Ductile Iron - Grade 420MPa-10% elongation with a maximum hardness of 230 Hardness Brinell (HB).

Polymeric Coatings

Thermal Bonded Polymeric Coatings (Standard Option)

Fittings are supplied coated with a thermal bonded polymeric coating. Fittings can be supplied with Polyamide (thermoplastic coating) or other thermoplastic type coatings or Fusion Bonded Epoxy (FBE – thermosetting coating).

Both coating types provide the necessary protection. Where sleeving is required for bitumen coated products, polymeric coatings allow for the product to be installed without the need for sleeving.

Thermoplastic and Thermosetting coatings are applied and tested to the requirements of AS4158. Coatings are tested for film thickness, adhesion and continuity during manufacture to ensure coating integrity.

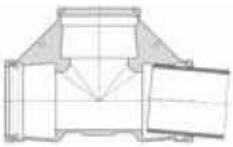
Coating Thickness Chart as per AS4158

Coating Material	Minimum Film Thickness Internal Surface (um)	Minimum Film Thickness External Surface (um)
Polyamide (Thermoplastic)	250	200
FBE (Thermosetting)	350	300

Note: 1 um = 1/1000th of a millimeter.

Socket Joint Deflections

DN	Minimum Joint Deflection AS/NZS2280
100-250	3½°
300-600	2½°
750	1°



Cement Lining – (Non Standard Option For Fittings)

Cement lining is applied to the requirements of AS/NZS2280 to give a dense even surface concentric with the internal diameter of the fitting. Experience has shown that minor cracks in cement mortar linings will close on continuous exposure to water and that they will substantially heal by an autogenous process. Cement used is manufactured to AS3972. Fittings come standard with general purpose (GP) and can be supplied with GB or SR type cement on special request. All cement lined fittings are required to be seal coated.

Cement Mortar Lining Thicknesses

Nominal Diameter DN (mm)		Lining Thickness (mm)	
		Nominal	Minimum
100 - 300	Fittings	6	4
375 - 750		9	7
100-600	Pipe	5	3.5
750		6	4.5

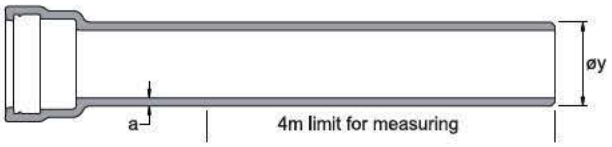
Bitumen Coatings

Bitumen coating is applied to both cement lined and unlined fittings. Bitumen coatings comply with the requirements of AS/NZS3750.4.

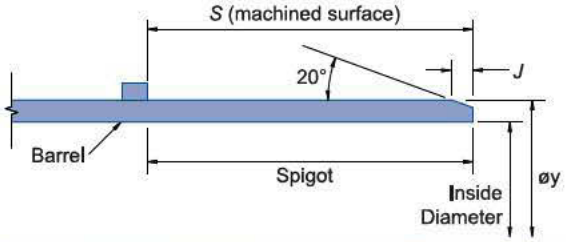
Dimensions

Spigots are manufactured in accordance with the dimensional requirements of AS/NZS2280.

Spigot Dimensions - Pipe



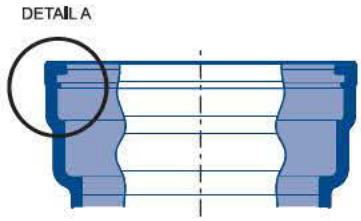
Spigot Dimensions - Fittings

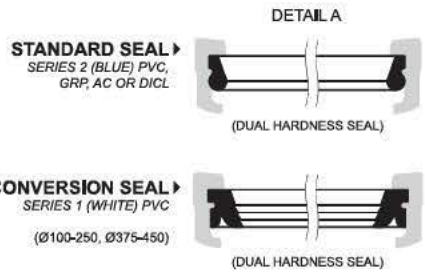


Nom. Size DN	Pipe Dimensions						Pipe & Fittings		Fittings
	PN20		PN35		Flange Class				
	Nom. Wall Thick. (t) (mm)	Min. Wall Thick. (a) (mm)	Nom. Wall Thick. (t) (mm)	Min. Wall Thick. (a) (mm)	Nom. Wall Thick. (t) (mm)	Min. Wall Thick. (a) (mm)	OD – Øy (mm)	Allowable Ovality (mm)	Dimension (J)	Dimension (S)
80	-	-	-	-	-	-	96 +1,-2	-	10 ±2	89
100	-	-	5.0	3.0	7.0	6.0	122 +1,-2	4	10 ±2	102
150	-	-	5.0	3.0	8.0	6.0	177 +1,-2	5	10 ±2	102
200	-	-	5.0	3.0	8.0	7.0	232 +1,-2	7	10 ±2	115
225	5.0	3.0	5.2	3.2	9.0	7.0	259 +1,-2	8	10 ±2	115
250	5.0	3.0	5.6	3.6	9.0	8.0	286 +1,-2	9	10 ±2	115
300	5.0	3.0	6.3	4.3	10.0	8.0	345 +1,-2	10	10 ±2	115
375	5.1	3.1	7.3	5.3	10.0	9.0	426 ±2	12	16 ±2	140
450	5.6	3.6	8.3	6.3	11.0	10.0	507 ±2	15	16 ±2	140
500	6.0	4.0	9.0	7.0	12.0	10.0	560 ±2	15	16 ±2	140
525	-	-	-	-	-	-	587 ±2	-	16 ±2	140
600	6.8	4.8	10.3	8.3	13.0	11.0	667 ±2	15	16 ±2	140
750	7.9	5.9	12.2	10.2	15.0	13.0	826 ±2	15	20 ±2	170

DI Socket Details

The DI range of sockets has been designed to suit DICL, CICL, AC, Series 2 PVC-U, PVC-M, PVC-O & GRP pipe systems. The socket design gives increased effective sealing lengths to cope with all modern pipeline materials with a minimum of deflections as per AS/NZS2280. An adapter seal is available for converting the DI socket for use with Series 1 PVC spigots.





Basic Installation requirements:

Chamfer pipe ends as per pipe type.
Ensure socket & spigots are clean.
Ensure seal is correctly seated and clean.
Lubricate spigot with approved pipe lubricant & insert spigot into socket.

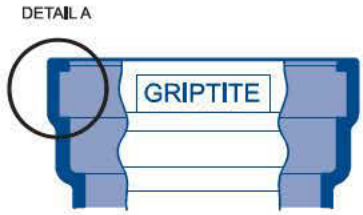
Nominal Size DN (mm)	DI Socket Seals DICL & Series 2 PVC Product Code	DI Socket Conversion Seals PN12 Series 2 to Series 1 PVC Product Code
80	C9615.08	-
100	C9615.10	C9615.10A
150	C9615.15	C9615.15A
200	C9615.20	C9615.20A
225	C9615.22	C9615.22A
250	C9615.25	C9615.25A
300	C9615.30	-
375	C9615.37	C9615.37A
450	C9615.45	C9615.45A
500	C9615.50	-
600	C9615.60	-
750	C9615.75	-

Griptite™ Socket Details

The Griptite range of sockets has been designed to suit DICL, CICL, AC, Series 2 PVC-U, PVC-M, PVC-O, & GRP pipe systems. The deep socket design gives increased effective sealing lengths to cope with all modern pipeline materials with minimum deflections as per AS/NZS2280. Pressure sensitive lip seals provide drip tight sealing under static and on-line heads. Adequate compression of the lip seal ensures sealing effectiveness in the event of "spigot sag" in the sockets of larger fittings.

Beveled socket entry aids spigot location during pipeline laying procedures. Deep shouldered seal grooves help eliminate the risk of dislodging the seal ring during spigot entry. Seals are easy to fit with direction of fitting easily identified by field operators.

An adapter seal is available for converting the Griptite socket for use with Series 1 PVC spigots.

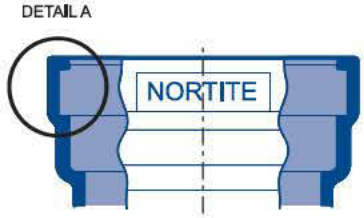


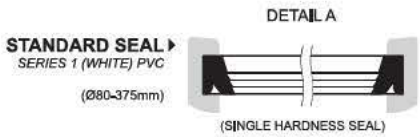
Nominal Size DN (mm)	Griptite ® Socket Seals DICL & Series 2 PVC Product Code
80	C9611.08
100	C9611.10
150	C9611.15
200	C9611.20
225	C9611.22
250	C9611.25
300	C9611.30
375	C9611.37
450	C9611.45
500	C9611.50
600	C9611.60
750	C9611.75

Nortite™ Socket Details

The Nortite ranges of sockets have been designed to suit Series 1 PVC pipe systems. The deep socket design gives increased effective sealing lengths to cope with all modern pipeline materials with a minimum deflections as per AS2280. Pressure sensitive lip seals provide drip tight sealing under static and on-line heads. Adequate compression of the lip seal ensures sealing effectiveness in the event of "spigot sag" in the sockets of larger fittings.

Beveled socket entry aids spigot location during pipeline laying procedures. Deep shouldered seal grooves help eliminate the risk of dislodging the seal ring during spigot entry. Seals are easy to fit with direction of fitting easily identified by field operators.



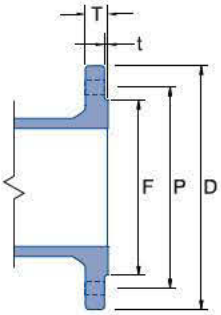


Nominal Size DN (mm)	Nortite ® Socket Seals Series 1 PVC Product Code
80	C9612.08
100	C9612.10
150	C9612.15
200	C9612.20
225	C9612.22
250	C9612.25
300	C9612.30
375	C9612.37

Seals

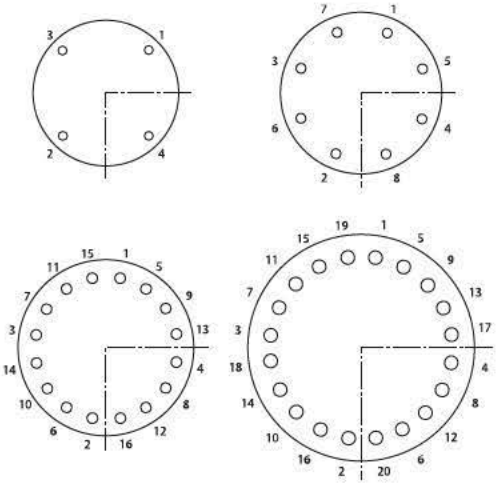
Elastomeric Seals are dual hardness EPDM rubber to AS1646. All seal configurations have been tested to AS/NZS2280 for Elastomeric Seal Joints. The tests are carried out in the configuration of maximum design radial gap between the components to be jointed. (i.e. smallest spigot together with largest socket). Tests include hydrostatic pressure and joint infiltration at maximum deflection angle, hydrostatic pressure and a joint infiltration test under a shear force load.

DI Flange Details



DN	PN	O.D. Of Flange (mm) D	Flange Thick. (mm) T	Pitch Circle Dia. (mm) P	No. of Bolts	Bolt Size (mm)	Bolt Hole Dia. (mm)	Suggested Bolt Length (mm)	Diameter of Raised Face (mm) F	Raised Face Height (mm) t
80	16	185	18	146	4	M16	18	65	122	3
	35	205	22	165	8	M16	18	75	141	3
	T/E	185		146	4	M16	18	65	122	3
100	16	215	20	178	4	M16	18	75	154	3
	35	230	22	191	8	M16	18	90	167	3
	T/E	215		178	8	M16	18	75	154	3
150	16	280	23	235	8	M16	18	75	211	3
	35	305	27	260	12	M20	22	90	232	3
	T/E	280		235	8	M20	22	75	211	3
200	16	335	23	292	8	M16	18	90	268	3
	35	370	31	324	12	M20	22	100	296	3
	T/E	335		292	8	M20	22	90	268	3
225	16	370	24	324	8	M16	18	90	300	3
	35	405	35	356	12	M24	26	120	324	3
	T/E	370		324	12	M20	22	90	300	3
250	16	405	24	356	8	M20	22	90	328	3
	35	430	34	381	12	M24	26	120	349	3
	T/E	405		356	12	M20	22	90	328	3
300	16	455	30	406	12	M20	22	100	378	4
	35	490	38	438	16	M24	26	120	406	4
	T/E	455		406	12	M24	26	100	378	4
375	16	550	33	495	12	M24	26	100	463	4
	35	580	42	521	16	M27	30	130	485	4
	T/E	550		495	12	M24	26	100	463	4
450	16	640	33	584	12	M24	26	120	552	4
	35	675	46	610	20	M30	33	150	571	4
	T/E	640		584	16	M24	26	120	552	4
500	16	705	35	641	16	M24	26	120	609	4
	35	735	49	673	24	M30	33	150	634	4
	T/E	705		641	16	M24	26	120	609	4
600	16	825	42	756	16	M27	30	130	720	5
	35	850	54	781	24	M33	36	180	739	5
	T/E	825		756	16	M30	33	130	720	5
750	16	995	47	927	20	M30	33	130	888	5
	35	1015	59	940	28	M33	36	180	898	5
	T/E	995		927	20	M33	36	130	888	5

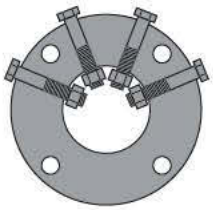
Typical Tightening Sequences



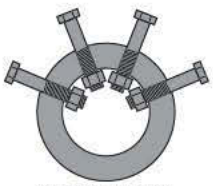
Also refer to AS4087 for other flange details.

Bolting Requirements (Guide Only).
PN16/Table E – Gal. Carbon Steel Grade 4.6 minimum, 316S/S Grade 50 minimum
PN35 – Gal.Carbon Steel Grade 8.8 minimum, 316S/S Grade 70 minimum

Flange Gasket / Bolting Kits



Full Face Kit



Narrow Face Kit

Nominal Size DN (mm)	Full Face Gaskets PN16 Gal Bolting Product Code	Full Face Gaskets PN16 316 S/S Bolting Product Code	Narrow Face Gaskets PN16 Gal Bolting Product Code	Narrow Face Gaskets PN16 316 S/S Bolting Product Code
80	C901.08	C902.08	C9011.08	C9021.08
100	C901.10	C902.10	C9011.10	C9021.10
150	C901.15	C902.15	C9011.15	C9021.15
200	C901.20	C902.20	C9011.20	C9021.20
225	C901.22	C902.22	C9011.22	C9021.22
250	C901.25	C902.25	C9011.25	C9021.25
300	C901.30	C902.30	C9011.30	C9021.30
375	C901.37	C902.37	C9011.37	C9021.37
450	C901.45	C902.45	C9011.45	C9021.45
500	C901.50	C902.50	C9011.50	C9021.50
600	C901.60	C902.60	C9011.60	C9021.60
750	C901.75	C902.75	C9011.75	C9021.75

Note: -For PN 35 Flange Gasket/Bolting Kits add "F" & for Table E Gasket/Bolting Kits add "E" to the end of the product code.
-PN16 & Table E: 3mm solid EPDM rubber gasket
-PN35: 1.5mm fibre gasket

Thrust Block Design For Fittings

For any pipeline system which is rubber ring jointed, provision must be made for potentially unrestrained forces at changes of size or direction in the pipeline, that is at bends, tees, reducers, valves and closed ends. In buried installations, fittings are usually restrained by concrete cast in situ. These thrust blocks are formed and sized to distribute the applied force from the fitting to a safe soil pressure at the soil / concrete interface . The resistance which can be provided will depend on the soil type and depth. Where bends are in the vertical plane with a convex profile downwards, the weight of the concrete anchor block alone may be the restraining force.

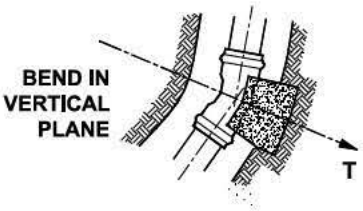


Table 1 Hydrostatic forces in kilonewtons on rubber ring jointed fittings per ten (10) metres hydrostatic head

Pipe DN (mm)	Pipe OD	90˚ Bend	45˚ Bend	22.5˚ Bend	11.25˚ Bend	Tee/ Closed End/ Valve
100	122	1.62	0.88	0.45	0.22	1.15
150	177	3.41	1.85	0.94	0.47	2.41
200	232	5.86	3.18	1.61	0.81	4.14
225	259	7.31	3.96	2.01	1.01	5.17
250	286	8.91	4.83	2.45	1.23	6.30
300	345	12.96	7.02	3.57	1.79	9.16
375	426	19.76	10.71	5.44	2.72	13.97

Note: For concentric reducers the resultant thrust will be the difference between the "closed end" forces for the two pipe sizes.

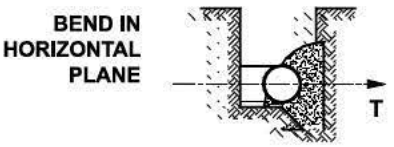
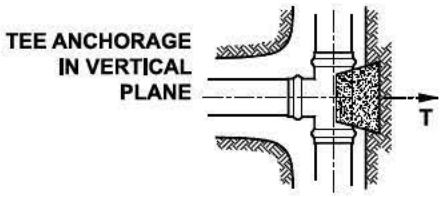
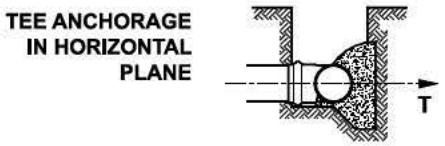


Table 2 Soil bearing capacities in kPa – apply minimum factor of safety of 1.1

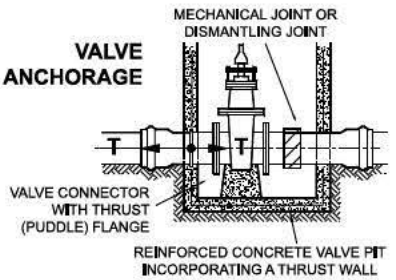
Soil Group Description As Per AS 1786	Minimum Soil Cover Above Centre Line Of Thrust Block In Metres			
	0.75	1.0	1.25	1.5
GW, SW	57	76	95	114
GP, SP	48	64	80	97
GM, SM	48	64	80	96
GC, SC	79	92	105	119
CL	74	85	95	106
ML	69	81	93	106
OH	0	0	0	0

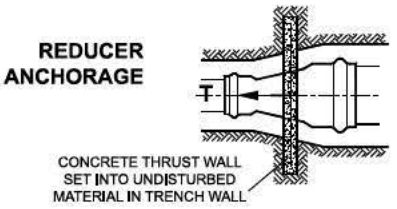




Thrust blocks must be configured to distribute the hydrostatic force to a "wall" of undisturbed soil which is approximately perpendicular to the imposed load. The equation for this calculation is :

A = T/ b x f
Where A = area perpendicular to force (m2)
T = hydrostatic thrust (kN)
b = soil bearing capacity (kPa)
f = factor of safety





Pressure Pipes

Type of Material	Class	Standard	Nominal Size (DN)																								
			50	65	80	100	125	150	175	200	225	250	300	350	375	400	450	500	525	600	675	750	900	1000	1100	1200
DICL	PN20 or PN35	AS/NZS 2280	-	-	96	122	-	177	-	232	259	286	345	-	426	-	507	560	-	667	-	826	-	-	-	-
GRP			-	-	-	122	-	177	-	232	259	286	345	399	426	453	507	560	587	667	747	826	924	1026	-	1229
CICL	Class B	AS1742.2	-	-	-	122	-	177	-	232	259	286	334	-	413	-	492	545	-	650	-	-	-	-	-	-
CICL	Class C	AS/NZS 2544	-	-	96	122	149	177	203	232	259	286	345	-	426	-	507	560	-	667	-	-	-	-	-	-
AC	Class AB	AS1711	-	-	96	122	-	177	-	232	259	286	334	-	413	-	492	-	572	650	-	-	-	-	-	-
AC	Class CD	AS1711	-	-	96	122	-	177	-	232	259	286	345	-	426	-	507	-	587	667	747	826	-	-	-	-
UPVC	Series 2 (Blue)	AS/NZS 1477	-	-	-	122	-	177	-	232	259	286	345	-	426	-	507	-	560	667	-	-	-	-	-	-
UPVC	Series 1 (White)	AS/NZS 1477	60	75	89	114	140	160	200	225	250	280	315	355	400	450	500	560	-	630	-	-	-	-	-	-
mPVC	Series 2 (Blue)	AS4765	-	-	-	122	-	177	-	232	259	286	345	-	426	-	507	-	560	667		-	-	-	-	-
mPVC	Series 1 (White)	AS4765	60	75	89	114	140	160	200	225	250	280	315	355	400	450	500	560	-	630	-	-	-	-	-	-
oPVC	Series 2 (Blue)	**AS4441**	-	-	-	122	-	177	-	232	259	286	345	-	-	-	-	-	-	-		-	-	-	-	-
Steel	**MSCL**	AS1579	-	-	-	114	-	168	-	219	-	273	324	355	-	457	508	559	-	660	-	762	960	1016	-	1290
Galvanised Steel	GWI	AS1074	60	76	89	114	140	168	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PE	PN12,5 or 16	AS4130	50	63	75	90/ 110	125/ 140	160	180	200	225	250/ 280	315	355	-	400	450	500	560	630	710	-	900	1000	-	1200
RC	Class 2-12	AS4058	-	-	-	-	-	197	-	-	279	-	362	-	445	-	533	-	616	699	787	870	946	1029	1105/ 1194	1270/ 1354
CU	All Classes	AS1432	51	64	76	102	127	152	-	203	229	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Note: The above chart is to be used as a guide only.

Non-Pressure Pipes

Type of Material	Class	Standard	Nominal Size (DN)																								
			50	65	80	100	125	150	175	200	225	250	300	350	375	400	450	500	525	600	675	750	900	1000	1100	1200
VC		AS1741	-	-	-	138	-	194	-	-	280	-	370	-	450	485	535	-	635	710	-	-	-	-	-	-
FRC	Class X		-	-	-	124	-	179	-	-	261	-	345	-	426	-	510	-	594	679	-	-	-	-	-	-
AC	Class 35	AS1712	-	-	-	120	-	177	-	230	257	283	336	-	419	-	497	-	576	657	-	-	-	-	-	-
AC	Class 50	AS1712	-	-	-	122	-	183	-	236	262	289	344	-	425	-	505	-	585	664	-	-	-	-	-	-
CI	Soil	AS1631	-	-	85	114	140	165	-	-	244	-	323	-	-	-	-	-	-	-	-	-	-	-	-	-
UPVC	DWV	AS/ NZS1260	56	69	83	110	-	160	-	-	250	-	316	-	401	-	-	-	-	-	-	-	-	-	-	-
CI	SWV	EN877	58	-	-	110	135	160	-	210	-	274	326	-	-	429	-	532	-	635	-	-	-	-	-	-

Note: The above chart is to be used as a guide only.

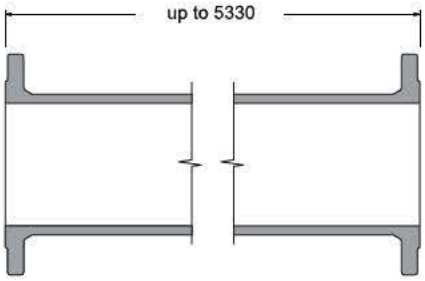
Note: Refer to applicable standard for pipe outside diameter tolerances.

PN35 & Flange Class Pipe

Nom. Size DN (mm)	PN35 Pipe Base Product Code	Flange Class Pipe Base Product Code
80	-	C302.08
100	C301.10 SC	C302.10
150	C301.15 SC	C302.15
200	C301.20 SC	C302.20
225	C301.22 SC	C302.22
250	C301.25 SC	C302.25
300	C301.30 SC	C302.30
375	C301.37	C302.37
450	C301.45	C302.45
500	C301.50	C302.50
600	C301.60	C302.60
750	C301.75	C302.75

Note: Effective length of DN80 Pipe is 4000mm
SC = Seal Coat

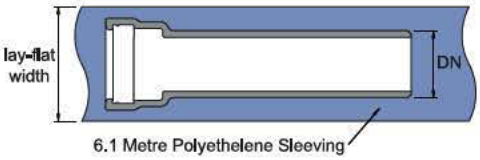
Flanged Pipe Configurations



Note: Base Code is for Bitumen Coated/Cement Lined. Add the following to the end of the base code for other configurations:
B – Unlined
F – AS4087 Class 35 Flange
- This is for the length of the pipe, eg. DN100 x 400mm long = C303.10040

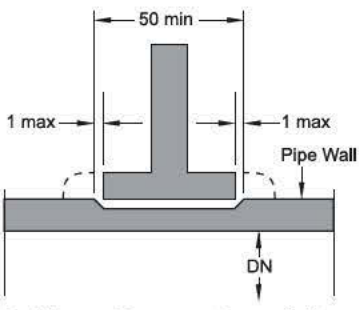
Nominal Size DN (mm)	Flange – Flange PN16 Flanges Base Code	Flange – Spigot PN16 Flanges Base Code	Spigot – Spigot Base Code	Spigot – Socket Base Code	Flange – Socket PN16 Flanges Base Code
80	C3003.08###	C3004.08###	C3005.08###	C3006.08###	C3007.08###
100	C3003.10###	C3004.10###	C3005.10###	C3006.10###	C3007.10###
150	C3003.15###	C3004.15###	C3005.15###	C3006.15###	C3007.15###
200	C3003.20###	C3004.20###	C3005.20###	C3006.20###	C3007.20###
225	C3003.22###	C3004.22###	C3005.22###	C3006.22###	C3007.22###
250	C3003.25###	C3004.25###	C3005.25###	C3006.25###	C3007.25###
300	C3003.30###	C3004.30###	C3005.30###	C3006.30###	C3007.30###
375	C3003.37###	C3004.37###	C3005.37###	C3006.37###	C3007.37###
450	C3003.45###	C3004.45###	C3005.45###	C3006.45###	C3007.45###
500	C3003.50###	C3004.50###	C3005.50###	C3006.50###	C3007.50###
600	C3003.60###	C3004.60###	C3005.60###	C3006.60###	C3007.60###
750	C3003.75###	C3004.75###	C3005.75###	C3006.75###	C3007.75###

Polyethylene Sleeving



Nominal Size DN (mm)	Full Roll Product Code (Blue)	Individual Length Product Code (Blue)	Lay Flat Width (mm)	Sleeves / Roll
100	C3092.10B	C3092.10BL	350	30
150	C3092.15B	C3092.15BL	425	25
200	C3092.20B	C3092.20BL	525	20
225	C3092.22B	C3092.22BL	635	17
250	C3092.25B	C3092.25BL	635	17
300	C3092.30B	C3092.30BL	725	15
375	C3092.37B	C3092.37BL	875	12
450	C3092.45B	C3092.45BL	1100	10
500	C3092.50B	C3092.50BL	1100	10
600	C3092.60B	C3092.60BL	1270	8

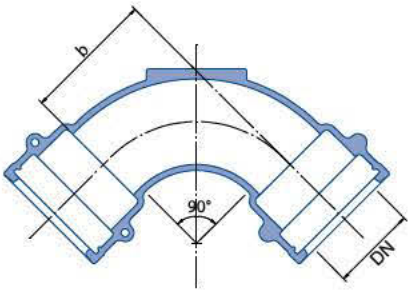
Puddle (Weep) Flanges



Puddle weep flanges can be supplied to install out in the field or can be supplied fitted.

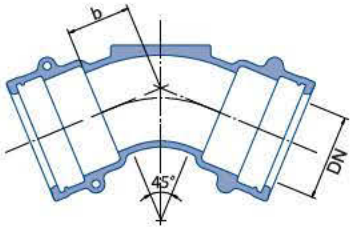
Nominal Size DN (mm)	Puddle Flanges (Fitted) Puddle Flanges To Suit DICL Pipe Base Product Code	Puddle Flanges (Machined for fitting on site) Puddle Flanges To Suit DICL Pipe Base Product Code
80	C282.08	C282.08M
100	C282.10	C282.10M
150	C282.15	C282.15M
200	C282.20	C282.20M
225	C282.22	C282.22M
250	C282.25	C282.25M
300	C282.30	C282.30M
375	C282.37	C282.37M
450	C282.45	C282.45M
500	C282.50	C282.50M
600	C282.60	C282.60M
750	C282.75	C282.75M

Socket - Socket Bends 90° - PN35



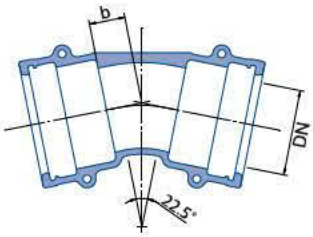
Nominal Size DN (mm)	Socket Bends DICL & Series 2 PVC Sockets Base Product Code	Socket Bends Series 1 PVC Sockets Base Product Code	Dimension b (mm)
80	-	C012.0890	115
100	C011.1090	C012.1090	165
150	C011.1590	C012.1590	205
200	C011.2090	C012.2090	220
225	C011.2290	C012.2290	250
250	C011.2590	C012.2590	275
300	C011.3090	C012.3090	325
375	C011.3790	C012.3790	405
450	C011.4590	-	480
500	C011.5090	-	535
600	C011.6090	-	635
750	C011.7590	-	795

Socket - Socket Bends 45° - PN35



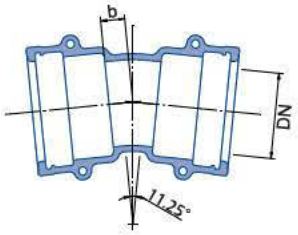
80	-	C012.0845	55
100	C011.1045	C012.1045*	80
150	C011.1545	C012.1545*	95
200	C011.2045	C012.2045	100
225	C011.2245	C012.2245	115
250	C011.2545	C012.2545	125
300	C011.3045	C012.3045	145
375	C011.3745	C012.3745	185
450	C011.4545	-	215
500	C011.5045	-	235
600	C011.6045	-	280
750	C011.7545	-	345

Socket - Socket Bends 22½° - PN35



80	-	C012.0822	30
100	C011.1022	C012.1022	45
150	C011.1522	C012.1522	55
200	C011.2022	C012.2022	55
225	C011.2222	C012.2222	65
250	C011.2522	C012.2522	70
300	C011.3022	C012.3022	80
375	C011.3722	C012.3722	100
450	C011.4522	-	115
500	C011.5022	-	125
600	C011.6022	-	145
750	C011.7522	-	180

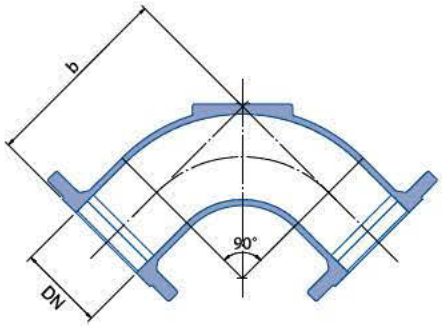
Socket - Socket Bends 11¼° - PN35



80	-	C012.0811	30
100	C011.1011	C012.1011	30
150	C011.1511	C012.1511	35
200	C011.2011	C012.2011	35
225	C011.2211	C012.2211	45
250	C011.2511	C012.2511	45
300	C011.3011	C012.3011	50
375	C011.3711	C012.3711	65
450	C011.4511	-	70
500	C011.5011	-	75
600	C011.6011	-	85
750	C011.7511	-	105

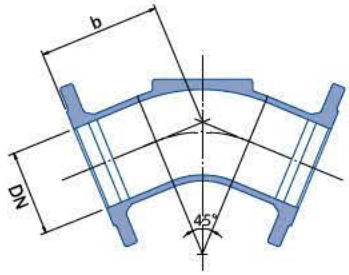
Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.

Flanged Bends 90° - PN16



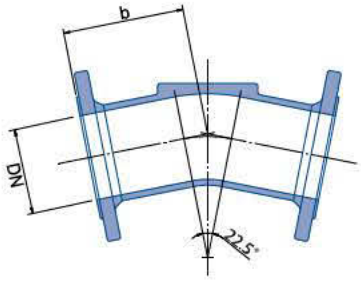
Nominal Size DN (mm)	Flanged Bend (AS4087 PN16 Flanges) Base Product Code	Dimension b (mm)
80	C013.0890	152
100	C013.1090	241
150	C013.1590	279
200	C013.2090	305
225	C013.2290	330
250	C013.2590	356
300	C013.3090	406
375	C013.3790	495
450	C013.4590	572
500	C013.5090	622
600	C013.6090	737
750	C013.7590	905

Flanged Bends 45° - PN16



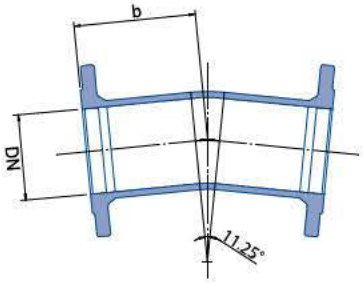
80	C013.0845	152
100	C013.1045	152
150	C013.1545	190
200	C013.2045	203
225	C013.2245	229
250	C013.2545	254
300	C013.3045	305
375	C013.3745	381
450	C013.4545	457
500	C013.5045	508
600	C013.6045	610
750	C013.7545	460

Flanged Bends 22½° - PN16



80	C013.0822	152
100	C013.1022	152
150	C013.1522	190
200	C013.2022	203
225	C013.2222	229
250	C013.2522	254
300	C013.3022	305
375	C013.3722	381
450	C013.4522	457
500	C013.5022	508
600	C013.6022	610
750	C013.7522	295

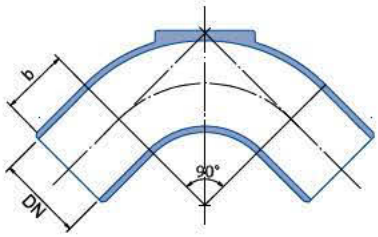
Flanged Bends 11¼° - PN16



80	C013.0811	135
100	C013.1011	152
150	C013.1511	190
200	C013.2011	203
225	C013.2211	229
250	C013.2511	254
300	C013.3011	305
375	C013.3711	381
450	C013.4511	457
500	C013.5011	508
600	C013.6011	610
750	C013.7511	230

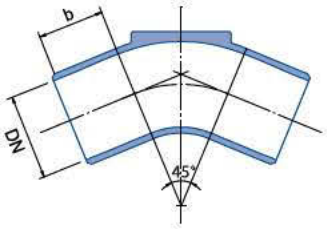
Note: Flange fittings with AS4087 PN35 flanges available on request with suffix "F". Other flange configurations are also available on request.

Spigot Bends 90° - PN16



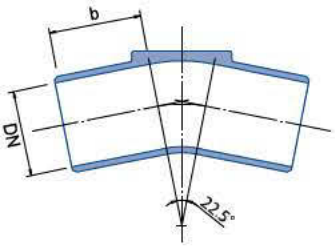
Nominal Size DN (mm)	Spigot Bends (AS2280 Spigot Dimensions) Base Product Code	Dimension b (mm)
80	C014.0890	190
100	C014.1090	254
150	C014.1590	292
200	C014.2090	318
225	C014.2290	343
250	C014.2590	368
300	C014.3090	419
375	C014.3790	521
450	C014.4590	597
500	C014.5090	673
600	C014.6090	749
750	C014.7590	935

Spigot Bends 45° - PN16



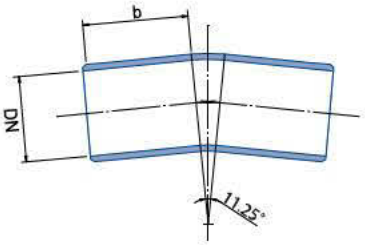
80	C014.0845	182
100	C014.1045	182
150	C014.1545	209
200	C014.2045	249
225	C014.2245	260
250	C014.2545	270
300	C014.3045	298
375	C014.3745	348
450	C014.4545	405
525	C014.5245	430
600	C014.6045	481
750	C014.7545	485

Spigot Bends 22½° - PN16



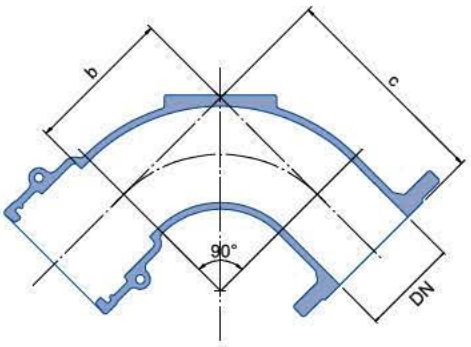
80	C014.0822	160
100	C014.1022	160
150	C014.1522	176
200	C014.2022	206
225	C014.2222	211
250	C014.2522	216
300	C014.3022	232
375	C014.3722	266
450	C014.4522	294
500	C014.5022	316
600	C014.6022	350
750	C014.7522	320

Spigot Bends 11¼° - PN16



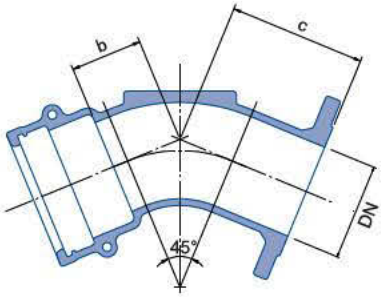
80	C014.0811	150
100	C014.1011	150
150	C014.1511	161
200	C014.2011	185
225	C014.2211	188
250	C014.2511	190
300	C014.3011	201
375	C014.3711	228
450	C014.4511	248
525	C014.5211	262
600	C014.6011	289
750	C014.7511	245

Socket Flange Bends 90° - PN16



Nom Size DN (mm)	Socket – Flange Bends DICL & Series 2 PVC Socket & PN16 Flange Base Product Code	Socket – Flange Bends Series 1 PVC Socket & PN16 Flange Base Product Code	Dimension c (mm)	Dimension b (mm)
100	C0113.1090	C0123.1090	245	165
150	C0113.1590	C0123.1590	279	205
200	C0113.2090	-	305	220
225	C0113.2290	-	330	250
250	C0113.2590	-	356	275
300	C0113.3090	0123.3090	406	325
375	C0113.3790	-	495	405

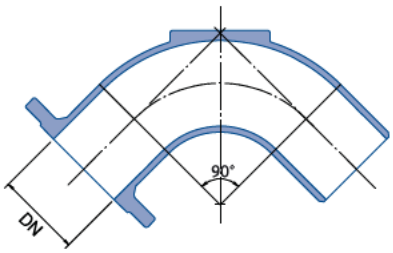
Socket Flange Bends 45° - PN16



Nom Size DN (mm)	Socket – Flange Bends DICL & Series 2 PVC Socket & PN16 Flange Base Product Code	Socket – Flange Bends Series 1 PVC Socket & PN16 Flange Base Product Code	Dimension c (mm)	Dimension b (mm)
100	C0113.1045	C0123.1045	152	80
150	C0113.1545	C0123.1545	190	95

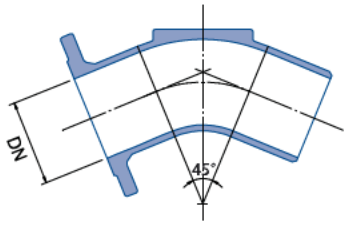
Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.
Note: Flange fittings with AS4087 PN35 flanges available on request with suffix "F". Other flange configurations are also available on request.

Flange - Spigot Bends 90° - PN16



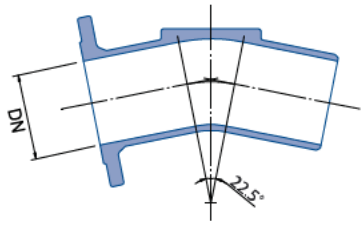
Nominal Size DN (mm)	Flange - Spigot Bend (AS4087 PN16 Flanges) Base Product Code
80	C0134.0890
100	C0134.1090
150	C0134.1590
200	C0134.2090
225	C0134.2290
250	C0134.2590
300	C0134.3090
375	C0134.3790
450	C0134.4590
500	C0134.5090
600	C0134.6090
750	C0134.7590

Flange - Spigot Bends 45° - PN16



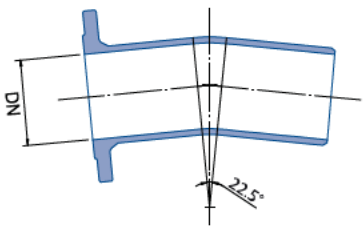
80	C0134.0845
100	C0134.1045
150	C0134.1545
200	C0134.2045
225	C0134.2245
250	C0134.2545
300	C0134.3045
375	C0134.3745
450	C0134.4545
500	C0134.5045
600	C0134.6045
750	C0134.7545

Flange - Spigot Bends 22½° - PN16



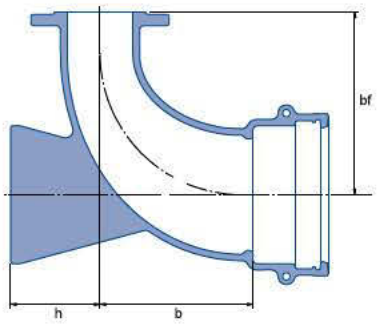
80	C0134.0822
100	C0134.1022
150	C0134.1522
200	C0134.2022
225	C0134.2222
250	C0134.2522
300	C0134.3022
375	C0134.3722
450	C0134.4522
500	C0134.5022
600	C0134.6022
750	C0134.7522

Flange - Spigot Bends 11¼° - PN16



80	C0134.0811
100	C0134.1011
150	C0134.1511
200	C0134.2011
225	C0134.2211
250	C0134.2511
300	C0134.3011
375	C0134.3711
450	C0134.4511
500	C0134.5011
600	C0134.6011
750	C0134.7511

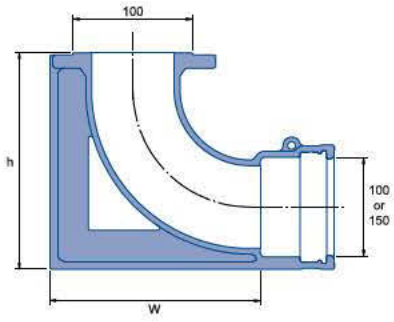
Socket Hydrant Bends - PN16



Nominal Size DN (mm)	DI Socket -Flange Bends DICL & Series 2 PVC Socket & 80mm PN16 Flange Base Product Code	DI Socket - Flange Bends Series 1 PVC Socket & 80mm PN16 Flange Base Product Code	Dimension b (mm)	Dimension bf (mm)	Dimension h (mm)
100	C121.100890	C122.100890	205	220	133
150	C121.150890	C122.150890	205	245	133

Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.
Note: Also refer to washout bend.

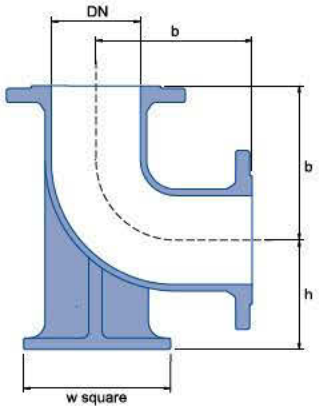
Socket Washout Bends - PN16



Nominal Size DN (mm)	DI Socket Bend DICL & Series 2 PVC Socket & PN16 Flange Base Product Code	Dimension h (mm)	Dimension w (mm)
100	C121.101090	280	380
150	C121.151090	320	280

Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.

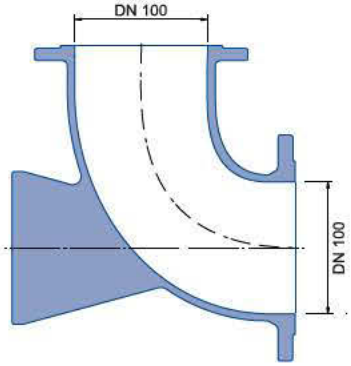
Flanged Duckfoot Bends - PN16



Nominal Size DN (mm)	AS4087 PN16 Flange Base Product Code	Dimension (mm)		
		b	h	w
80	C023.0890	152	133	184
100	C023.1090	241	133	184
150	C023.1590	279	165	190
200	C023.2090	305	197	235
225	C023.2290	330	216	260
250	C023.2590	356	230	290
300	C023.3090	406	260	343
375	C023.3790	495	310	425
450	C023.4590	572	355	500
500	C023.5090	622	395	560
600	C023.6090	737	460	660

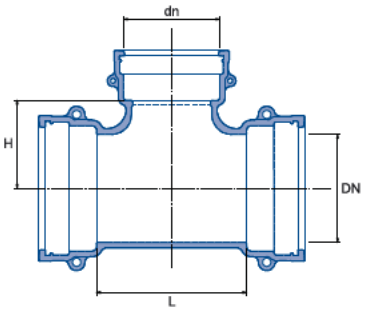
Note: Flange fittings with AS4087 PN35 flanges available on request with suffix "F". Other flange configurations are also available on request.

Pedastal Bends - PN16



Nominal Size DN (mm)	DI Pedastal Bend AS4087 PN16 Flange Base Product Code
100	C0203.101090

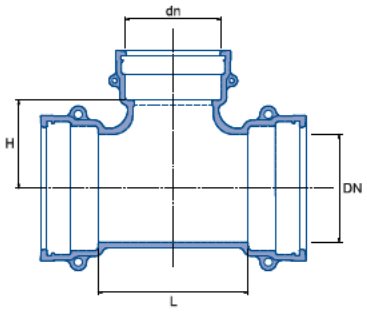
Socketed Tees - DICL & Series 2 PVC - PN35



Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.

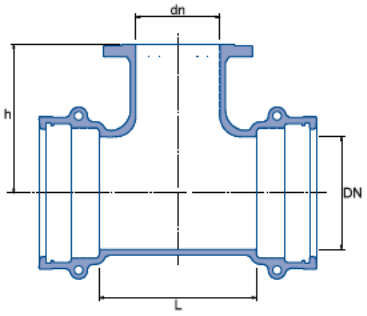
Nominal Size (mm)		Socket Tee DICL & Series 2 PVC Socket Base Product Code	Dimensions (mm)	
Body DN	Branch dn		L	H
100	100	C031.1010	230	115
150	100	C031.1510	230	145
150	150	C031.1515	290	145
200	100	C031.2010	230	170
200	150	C031.2015	290	170
200	200	C031.2020	340	170
225	100	C031.2210	240	185
225	150	C031.2215	300	185
225	200	C031.2220	350	185
225	225	C031.2222	380	190
250	100	C031.2510	240	200
250	150	C031.2515	300	200
250	200	C031.2520	350	200
250	225	C031.2522	380	205
250	250	C031.2525	410	205
300	100	C031.3010	240	230
300	150	C031.3015	300	230
300	200	C031.3020	350	230
300	225	C031.3022	380	235
300	250	C031.3025	410	235
300	300	C031.3030	490	245
375	200	C031.3720	360	270
375	225	C031.3722	390	275
375	250	C031.3725	420	275
375	300	C031.3730	500	285
375	375	C031.3737	610	305
450	250	C031.4525	420	315
450	300	C031.4530	500	325
450	375	C031.4537	610	345
450	450	C031.4545	690	345
500	250	C031.5025	420	340
500	300	C031.5030	500	355
500	375	C031.5037	610	370
500	450	C031.5045	690	370
500	500	C031.5050	770	385
600	300	C031.6030	500	405
600	375	C031.6037	610	425
600	500	C031.6050	770	435
600	600	C031.6060	870	435
750	300	C031.7530	510	485
750	750	C031.7575	1070	535

Socketed Tees - Series 1 PVC - PN16



Nominal Size (mm)		Socket Tee Series 1 PVC Socket Base Product Code	Dimensions (mm)	
Body DN	Branch dn		L	H
80	80	C032.0808	210	145
100	80	C032.1008	230	115
100	100	C032.1010	230	115
150	100	C032.1510	230	145
150	150	C032.1515	290	145
200	100	C032.2010	230	170
200	150	C032.2015	290	170
200	200	C032.2020	340	170
225	100	C032.2210	240	185
225	150	C032.2215	300	185
225	200	C032.2220	350	185
225	225	C032.2222	380	190
250	100	C032.2510	240	200
250	150	C032.2515	300	200
250	200	C032.2520	350	200
250	225	C032.2522	380	205
250	250	C032.2525	410	205
300	100	C032.3010	240	230
300	150	C032.3015	300	230
300	200	C032.3020	350	230
300	225	C032.3022	380	235
300	250	C032.3025	410	235
300	300	C032.3030	490	245
375	200	C032.3720	360	270
375	225	C032.3722	390	275
375	375	C032.3737	610	305

Socket - Flange Tees - PN16

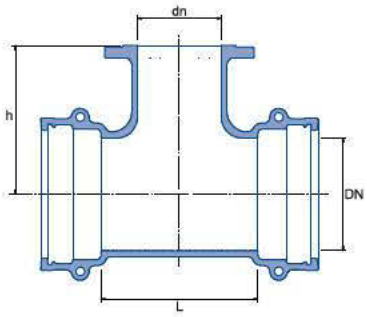


Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.

Note: Flange fittings with AS4087 PN35 flanges available on request with suffix "F". Other flange configurations are also available on request.

Nominal Size (mm)		Socket – Flange Tee DICL & Series 2 PVC Socket & PN16 Flange	Socket – Flange Tee Series 1 PVC Socket & PN16 Flange	Dimensions (mm)	
Body DN	Branch dn	Base Product Code	Base Product Code	L	h
100	100	C0313.1010	C0323.1010	230	195
150	100	C0313.1510	C0323.1510	230	225
150	150	C0313.1515	C0323.1515	290	250
200	100	C0313.2010	C0323.2010	230	250
200	150	C0313.2015	C0323.2015	290	275
200	200	C0313.2020	C0323.2020	340	275
225	100	C0313.2210	C0323.2210	240	265
225	150	C0313.2215	C0323.2215	300	290
225	200	C0313.2220	C0323.2220	350	290
225	225	C0313.2222	C0323.2222	380	305
250	100	C0313.2510	C0323.2510	240	280
250	150	C0313.2515	C0323.2515	300	305
250	200	C0313.2520	C0323.2520	350	305
250	225	C0313.2522	C0323.2522	380	320
250	250	C0313.2525	C0323.2525	410	320
300	100	C0313.3010	C0323.3010	240	310
300	150	C0313.3015	C0323.3015	300	335
300	200	C0313.3020	C0323.3020	350	335
300	225	C0313.3022	C0323.3022	380	350
300	250	C0313.3025	C0323.3025	410	350
300	300	C0313.3030	C0323.3030	490	375
375	100	C0313.3710	C0323.3710	250	350
375	150	C0313.3715	C0323.3715	-	-
375	200	C0313.3720	C0323.3720	360	375
375	225	C0313.3722	C0323.3722	390	390
375	250	C0313.3725	C0323.3725	420	390
375	300	C0313.3730	C0323.3730	500	415
375	375	C0313.3737	C0323.3737	610	415
450	100	C0313.4510	-	250	390
450	150	C0313.4515	-	-	-
450	250	C0313.4525	-	420	430
450	300	C0313.4530	-	500	455
450	375	C0313.4537	-	610	485
450	450	C0313.4545	-	690	495
500	100	C0313.5010	-	250	415
500	250	C0313.5025	-	420	455
500	300	C0313.5030	-	500	485
500	375	C0313.5037	-	610	510
500	450	C0313.5045	-	690	520
500	500	C0313.5050	-	770	550
600	100	C0313.6010	-	250	470
600	300	C0313.6030	-	500	535
600	375	C0313.6037	-	610	565
600	450	C0313.6045	-	690	575
600	500	C0313.6050	-	770	600
600	600	C0313.6060	-	870	615
750	300	C0313.7530	-	510	615
750	375	C0313.7537	-	620	645
750	450	C0313.7545	-	700	655
750	500	C0313.7550	-	780	680
750	600	C0313.7560	-	880	695
750	750	C0313.7575	-	1070	725

Socket - Flange Hydrant Tees - PN16

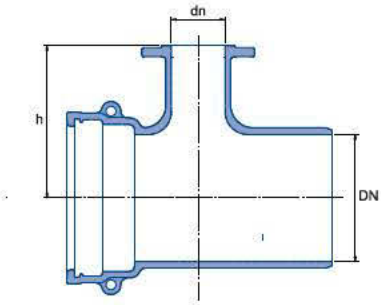


Nominal Size (mm)		Socket Hydrant Tee DICL & Series 2 PVC Socket & PN16 Flange	Socket Hydrant Tee Series 1 PVC Socket & PN16 Flange	Dimensions (mm)	
Body DN	Branch dn	Base Product Code	Base Product Code	H	L
80	80	-	C112.0808	160	210
100	80	C111.1008	C112.1008	195	210
150	80	C111.1508	C112.1508	225	210
200	80	C111.2008	C112.2008	250	210
225	80	C111.2208	C112.2208	265	220
250	80	C111.2508	C112.2508	280	220
300	80	C111.3008	C112.3008	310	220
375	80	C111.3708	C112.3708	350	230
450	80	C111.4508	-	390	230

Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.

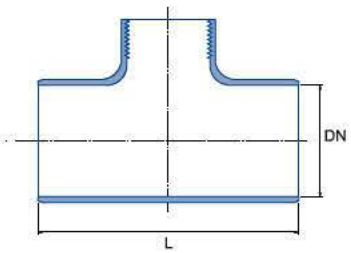
Note: Flange fittings with AS4087 PN35 flanges available on request with suffix "F". Other flange configurations are also available on request.
Note: For hydrants with a DN 100 flange inlet, refer to socket-flange tees on page 17.

Socket - Spigot - Flange Hydrant Tees - PN16



Nominal Size (mm)		Socket Spigot-Hydrant Tee DICL & Series 2 PVC Socket & PN16 Flange Base Product Code	Dimensions (mm)	
Body DN	Branch dn		h	L1
100	80	C1114.1008	195	310
100	100	C1114.1010	195	335
150	80	C1114.1508	225	310
150	100	C1114.1510	225	335
200	80	C1114.2008	250	325
200	100	C1114.2010	250	345
225	80	C1114.2208	265	330
225	100	C1114.2210	265	350
250	80	C1114.2508	280	330
250	100	C1114.2510	280	350
300	80	C1114.3008	310	330
300	100	C1114.3010	310	350
375	80	C1114.3708	350	360
375	100	C1114.3710	350	380
450	80	C1114.4508	390	360
450	100	C1114.4510	390	380
500	80	C1114.5008	415	360
500	100	C1114.5010	415	380
600	80	C1114.6008	470	360
600	100	C1114.6010	470	380

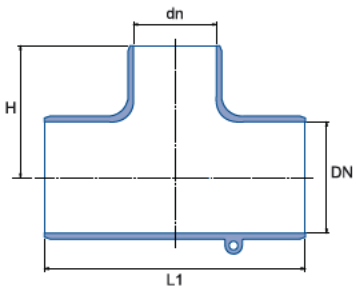
Spigotted Irrigation Tees



Nom. Size (DN)	Tapping BSP (mm)	Spigot Tee Base Product Code	Length (mm)	Griptite® Tee Base Product Code	Length (mm)	Nortite® Tee Base Product Code	Length (mm)
100	80	C054.10075	324	-	-	C052.10075	255
100	100	C054.10100	324	-	-	C052.10100	275
150	80	-	-	-	-	C052.15080	275
150	100	C054.15100	349	C051.15100	210	C052.15100	275
150	125	C054.15125	349	C051.15125	175	C052.15125	340
200	100	C054.20100	375	-	-	C052.20100	360
200	125	C054.20125	375	-	-	C052.20125	360
200	150	-	-	-	-	C052.20150	360
250	100	-	-	-	-	C052.25100	465
250	125	-	-	-	-	C052.25125	465

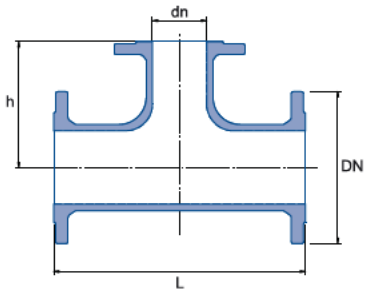
Note: Effective length on Irrigation tees is to the outside of the Spigot tees or to the inside of the socket for socketed irrigation tees.

Spigotted Tees - PN16



Nominal Size (mm)		Spigotted Tees (AS2280 Spigot Dimensions)	Dimensions (mm)	
Body DN	Branch dn	Base Product Code	L1	H
80	80	C034.0808	330	168
100	80	C034.1008	380	190
100	100	C034.1010	380	190
150	80	C034.1508	432	216
150	100	C034.1510	432	216
150	150	C034.1515	432	216
200	80	C034.2008	-	-
200	100	C034.2010	482	241
200	150	C034.2015	482	241
200	200	C034.2020	534	254
225	80	C034.2208	508	254
225	100	C034.2210	508	254
225	150	C034.2215	508	254
225	200	C034.2220	534	267
225	225	C034.2222	558	267
250	80	C034.2508	534	267
250	100	C034.2510	534	267
250	150	C034.2515	534	267
250	200	C034.2520	558	279
250	225	C034.2522	558	279
250	250	C034.2525	610	279
300	80	C034.3008	610	305
300	100	C034.3010	610	305
300	150	C034.3015	610	305
300	200	C034.3020	636	318
300	225	C034.3022	636	318
300	250	C034.3025	636	318
300	300	C034.3030	660	318
375	100	C034.3710	712	356
375	150	C034.3715	712	356
375	200	C034.3720	736	368
375	225	C034.3722	736	368
375	250	C034.3725	736	368
375	300	C034.3730	736	368
375	375	C034.3737	812	394
450	100	C034.4510	788	394
450	150	C034.4515	788	394
450	200	C034.4520	812	406
450	225	C034.4522	812	406
450	250	C034.4525	812	406
450	300	C034.4530	812	406
450	375	C034.4537	864	432
450	450	C034.4545	888	432
525	100	C034.5210	888	444
525	150	C034.5215	888	444
525	200	C034.5220	888	444
525	225	C034.5222	914	457
525	250	C034.5225	914	457
525	300	C034.5230	914	457
525	375	C034.5237	914	483
525	450	C034.5240	966	483
525	525	C034.5252	966	483
600	100	C034.6010	966	483
600	150	C034.6015	966	483
600	200	C034.6020	990	495
600	225	C034.6022	990	495
600	250	C034.6025	990	495
600	300	C034.6030	990	495
600	375	C034.6037	1042	521
600	450	C034.6045	1042	521
600	525	C034.6052	1042	521
600	600	C034.6060	1042	521
750	375	C034.7537	900	620
750	450	C034.7545	980	620
750	600	C034.7560	1160	630
750	750	C034.7575	1350	675

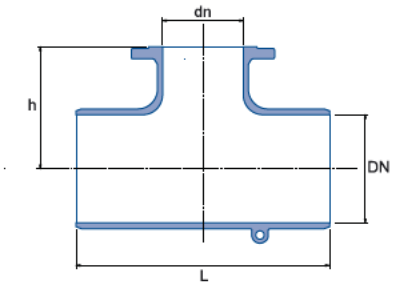
Flanged Tees - PN16



Note: Flange fittings with AS4087 PN35 flanges available on request with suffix "F". Other flange configurations are also available on request.

Nominal Size (mm)		Flanged Tee PN16 Flange	Dimensions (mm)	
Body DN	Branch dn	Base Product Code	L	h
80	80	C033.0808	329	164
100	50	C033.1005	356	179
100	58	C033.10058	356	179
100	80	C033.1008	356	178
100	100	C033.1010	356	178
150	100	C033.1510	406	203
150	150	C033.1515	406	203
200	80	C033.2008	484	239
200	100	C033.2010	484	241
200	150	C033.2015	484	241
200	200	C033.2020	484	241
225	80	C033.2208	508	254
225	100	C033.2210	508	254
255	150	C033.2215	508	254
255	200	C033.2220	508	254
255	225	C033.2222	508	254
250	80	C033.2508	534	267
250	100	C033.2510	534	267
250	150	C033.2515	534	267
250	200	C033.2520	534	267
250	225	C033.2522	534	267
250	250	C033.2525	610	305
300	80	C033.3008	607	304
300	100	C033.3010	610	305
300	150	C033.3015	610	305
300	200	C033.3020	610	305
300	225	C033.3022	610	305
300	250	C033.3025	610	305
300	300	C033.3030	610	305
375	100	C033.3710	738	343
375	150	C033.3715	738	343
375	200	C033.3720	738	356
375	225	C033.3722	738	356
375	250	C033.3725	738	356
375	300	C033.3730	738	356
375	375	C033.3737	738	368
450	100	C033.4510	814	381
450	150	C033.4515	814	381
450	200	C033.4520	814	394
450	250	C033.4525	814	394
450	300	C033.4530	814	394
450	375	C033.4537	814	406
450	450	C033.4545	814	406
500	100	C033.5010	890	419
500	150	C033.5015	890	419
500	200	C033.5020	890	432
500	225	C033.5022	890	432
500	250	C033.5025	890	432
500	300	C033.5030	890	432
500	375	C033.5037	890	444
500	450	C033.5045	890	444
500	500	C033.5050	890	444
600	100	C033.6010	1016	470
600	150	C033.6015	1016	470
600	200	C033.6020	1016	483
600	225	C033.6022	1016	483
600	250	C033.6025	1016	483
600	300	C033.6030	1016	483
600	375	C033.6037	1016	495
600	450	C033.6045	1016	495
600	500	C033.6050	1016	495
600	525	C033.6052	1016	495
600	600	C033.6060	1016	508
750	375	C033.7537	1000	645
750	450	C033.7445	1080	655
750	600	C033.7560	1260	695
750	750	C033.7575	1450	725

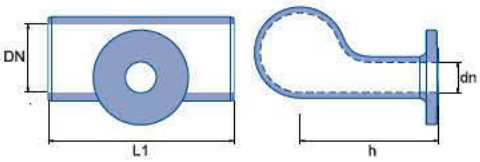
Spigot - Flange Tees - PN16



Note: Flange fittings with AS4087 PN35 flanges available on request with suffix "F". Other flange configurations are also available on request.

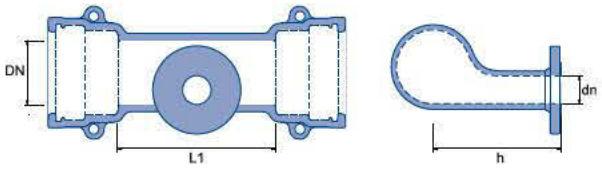
Nominal Size (mm)		Spigotted Tees PN16 Flange	Dimensions (mm)	
Body DN	Branch dn	Base Product Code	L	h
80	80	C0343.0808	381	130
100	80	C0343.1008	432	178
100	100	C0343.1010	432	178
150	80	C0343.1508	432	203
150	100	C0343.1510	432	203
150	150	C0343.1515	432	203
200	80	C0343.2008	457	241
200	100	C0343.2010	457	241
200	150	C0343.2015	482	241
200	200	C0343.2020	534	241
225	80	C0343.2208	457	254
225	100	C0343.2210	457	254
225	150	C0343.2215	508	254
225	200	C0343.2220	534	254
225	225	C0343.2222	558	254
250	80	C0343.2508	457	267
250	100	C0343.2510	457	267
250	150	C0343.2515	534	267
250	200	C0343.2520	558	267
250	225	C0343.2522	558	267
250	250	C0343.2525	610	267
300	80	C0343.3008	457	305
300	100	C0343.3010	457	305
300	150	C0343.3015	610	305
300	200	C0343.3020	636	305
300	225	C0343.3022	636	305
300	250	C0343.3025	636	305
300	300	C0343.3030	660	305
375	80	C0343.3708	559	309
375	100	C0343.3710	712	343
375	150	C0343.3715	712	343
375	200	C0343.3720	736	356
375	225	C0343.3722	736	356
375	250	C0343.3725	736	356
375	300	C0343.3730	736	356
375	375	C0343.3737	812	368
450	80	C0343.4508	559	343
450	100	C0343.4510	788	381
450	150	C0343.4515	788	381
450	200	C0343.4520	812	394
450	225	C0343.4522	812	394
450	250	C0343.4525	812	394
450	300	C0343.4530	812	394
450	375	C0343.4537	864	406
450	450	C0343.4545	888	406
525	80	C0343.5208	584	394
525	100	C0343.5210	888	432
525	150	C0343.5215	888	432
525	200	C0343.5220	914	444
525	225	C0343.5222	914	444
525	250	C0343.5225	914	444
525	300	C0343.5230	914	444
525	375	C0343.5237	966	457
525	450	C0343.5240	966	457
525	525	C0343.5252	966	470
600	80	C0343.6008	584	432
600	100	C0343.6010	966	470
600	150	C0343.6015	966	470
600	200	C0343.6020	990	483
600	225	C0343.6022	990	483
600	250	C0343.6025	990	483
600	300	C0343.6030	990	483
600	375	C0343.6037	1042	495
600	450	C0343.6045	1042	495
600	525	C0343.6052	1042	495
600	600	C0343.6060	1042	508
750	375	C0343.7537	920	645
750	450	C0343.7545	1015	655
750	600	C0343.7560	1190	695
750	750	C0343.7575	1355	725

Spigot - Flange Scour Tees - PN16



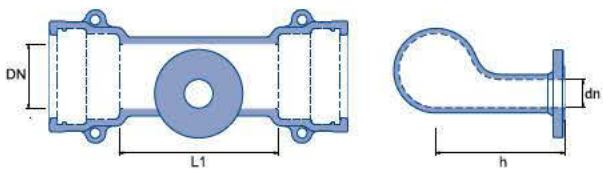
Nominal Size (mm)		Spigot – Flange Scour Tee PN16 Flanges Base Product Codes	Dimensions (mm)	
Body DN	Branch dn		L1	h
100	80	C0443.1008	432	203
150	80	C0443.1508	432	203
150	100	C0443.1510	432	203
200	80	C0443.2008	458	241
200	100	C0443.2010	458	251
200	150	C0443.2015	458	254
225	80	C0443.2208	458	254
225	100	C0443.2210	458	254
225	150	C0443.2215	458	267
250	80	C0443.2508	458	267
250	100	C0443.2510	458	267
250	150	C0443.2515	458	267
300	80	C0443.3008	458	305
300	100	C0443.3010	458	305
300	150	C0443.3015	458	305
375	100	C0443.3710	558	343
375	150	C0443.3715	558	343
450	100	C0443.4510	558	381
450	150	C0443.4515	558	381
525	100	C0443.5210	584	432
525	150	C0443.5215	584	432
600	100	C0443.6010	584	470
600	150	C0443.6015	584	470
750	150	C0443.7515	640	550

Socketed Scour Tees - DICL & Series 2 PVC - PN16



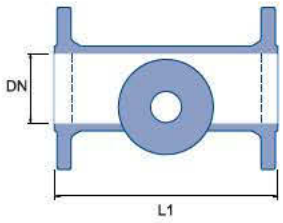
Nominal Size (mm)		Socket - Flange Scour Tee DICL & Series 2 PVC Socket & PN16 Flange Base Product Codes	Dimensions (mm)	
Body DN	Branch dn		L	h
100	80	C0413.1008	210	195
150	80	C0413.1508	225	210
150	100	C0413.1510	230	195
200	80	C0413.2008	250	210
200	100	C0413.2010	230	250
225	100	C0413.2210	265	240
250	100	C0413.2510	280	240
300	100	C0413.3010	310	240
375	150	C0413.3715	375	310
450	150	C0413.4515	415	310
600	150	C0413.6015	495	310
750	200	C0413.7520	575	370

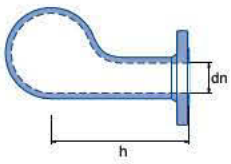
Socketed Scour Tees - Series 1 PVC - PN16



Nominal Size (mm)		Socket - Flange Scour Tee Series 1 PVC Socket & PN 16 Flange Base Product Codes	Dimensions (mm)	
Body DN	Branch dn		L	h
100	80	C0423.1008	210	195
150	80	C0423.1508	225	210
150	100	C0423.1510	230	195
200	80	C0423.2008	250	210
200	100	C0423.2010	230	250
225	100	C0423.2210	265	240
250	100	C0423.2510	280	240
300	100	C0423.3010	310	240
300	150	C0423.3015	-	-
375	150	C0423.3715	375	310

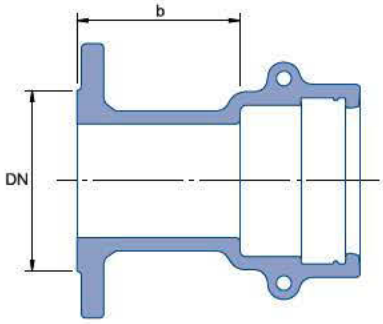
Flanged Scour Tees - PN16





Nominal Size (mm)		Flange Scour Tee PN16 Flange Base Product Codes
Body DN	Branch dn	
100	80	C043.1008
150	80	C043.1508
150	100	C043.1510
200	80	C043.2008
200	100	C043.2010
225	100	C043.2210
250	100	C043.2510
300	100	C043.3010
300	150	C043.3015
375	150	C043.3715

Flange - Socket Connectors - PN16

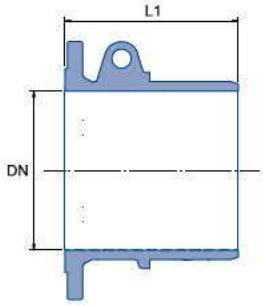


Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.

Note: Flange fittings with AS4087 PN35 flanges available on request with suffix "F". Other flange configurations are also available on request.

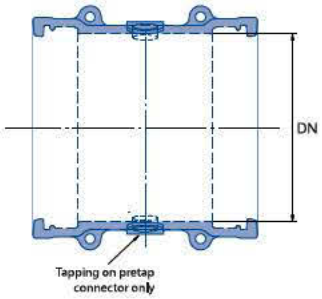
Nominal Size DN (mm)	Flange - Socket Connector DICL & Series 2 PVC Socket & PN16 Flange Base Product Code	Flange - Socket Connector Series 1PVC Socket & PN16 Flange Base Product Code	Dimension b (mm)
80	C1013.08	C1023.08	-
100	C1013.10	C1023.10	110
100	C1013.15	C1023.15	915
150	C1013.20	C1023.20	135
150	C1013.15	C1023.15	915
200	C1013.20	C1023.20	135
200	C1013.20	C1023.20	915
225	C1013.22	C1023.22	155
225	C1013.22	C1023.22	915
250	C1013.25	C1023.25	155
250	C1013.25	C1023.25	915
300	C1013.30	C1023.30	170
300	C1013.30	C1023.30	915
375	C1013.37	C1023.37	190
375	C1013.37	C1023.37	915
450	C1013.45	-	200
450	C1013.45	-	915
500	C1013.50	-	215
525	C1013.52	-	-
600	C1013.60	-	230
750	C1013.75	-	250

Flange - Spigot Connectors - PN16



Nominal Size DN (mm)	Flange - Spigot Connector Class 16 Flange Base Product Code	Dimension L1 (mm)
80	C1034.08	205
100	C1034.10	205
150	C1034.15	205
200	C1034.20	230
225	C1034.22	230
250	C1034.25	230
300	C1034.30	255
375	C1034.37	280
450	C1034.45	280
500	C1034.50	305
600	C1034.60	330
750	C1034.75	370

Socket - Socket Connectors, Pretap Connectors & S Socket Slip Couplings

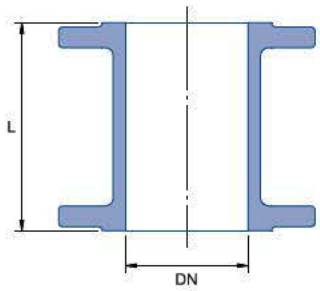


Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.

Note: Pretap Connectors come standard with polymeric coatings (eg. C1011.1020 (20mm) & C1011.1025 (25mm) configurations). Other tappings are available on request. Pretap connectors have two tappings (AS1722.1 RP) 150° apart.

Nom Size DN mm	Connector DICL & Series 2 PVC Socket Base Product Code	Connector Series 1 PVC Socket Base Product Code	Adaptor Series 1 PVC to DICL & Series 2 Base Product Code	Pretap Connector 4 tap DICL & Series 2 PVC Socket Base Product Code	Pretap Connector 2 tap DICL & Series 2 PVC Socket Base Product Code	S Socket Slip Coupling DI Socket Connector DICL & Series 2 PVC Socket Base Product Code
80	C101.08	C102.08	C1012.08	-	-	-
100	C101.10	C102.10	C1012.10	C1011.10020 C1011.10025	C1011.10020V	C150.10S
150	C101.15	C102.15	C1012.15	C1011.15020 C1011.15025	C1011.15020V	C105.15S
200	C101.20	C102.20	C1012.20	-	-	-
225	C101.22	C102.22	C1012.22	-	-	-
250	C101.25	C102.25	C1012.25	-	-	-
300	C101.30	C102.30	C1012.30	-	-	-
375	C101.37	C102.37	C1012.37	-	-	-
450	C101.45	-	-	-	-	-
500	C101.50	-	-	-	-	-
600	C101.60	-	-	-	-	-
750	C101.75	-	-	-	-	-

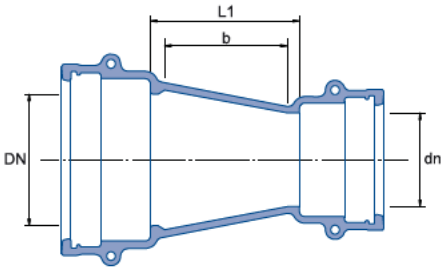
Hydrant Risers - PN16



Note: Tappings are available on request.(DN20 - DN50)

Nominal Size DN (mm)	Hydrant Riser Connector PN16 Flange Base Product Code	Dimension L (mm)
80	C13.0810	100
80	C13.0815	150
80	C13.0822	225
80	C13.0830	300
80	C13.0837	375
80	C13.0845	450
80	C13.0852	525
80	C13.0860	600
80	C303.08100	1000
100	C13.1010	100
100	C13.1015	150
100	C13.1022	225
100	C13.1030	300
100	C13.1037	375
100	C13.1045	450
100	C13.1060	600
100	C303.10050	500
100	C13.1060	600
100	C303.10100	1000

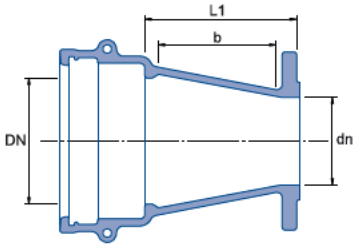
Socket - Socket Taper - PN35



Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.

Nominal Size DN (mm)		Socket Taper DICL & Series 2 PVC Socket Base Product Code	Socket Taper Series 1PVC Socket Base Product Code	Dim L1 (mm)
Body DN	Branch dn			
100	80	C061.1008	C062.1008	105
150	80	C061.1508	C062.1508	230
150	100	C061.1510	C062.1510	170
200	100	C061.2010	C062.2010	295
200	150	C061.2015	C062.2015	170
225	100	C061.2210	C062.2210	365
225	150	C061.2215	C062.2215	235
225	200	C061.2220	C062.2220	110
250	100	C061.2510	C062.2510	425
250	150	C061.2515	C062.2515	300
250	200	C061.2520	C062.2520	175
300	225	C061.3022	C062.3022	115
300	100	C061.3010	C062.3010	555
300	150	C061.3015	C062.3015	425
300	200	C061.3020	C062.3020	300
300	225	C061.3022	C062.3022	240
300	250	C061.3025	C062.3025	180
375	200	C061.3720	-	495
375	225	C061.3722	-	435
375	250	C061.3725	C062.3725	375
375	300	C061.3730	C062.3730	245
450	250	C061.4525	-	565
450	300	C061.4530	-	435
450	375	C061.4537	-	250
500	250	C061.5025	-	690
500	300	C061.5030	-	565
500	375	C061.5037	-	380
500	450	C061.5045	-	190
600	300	C061.6030	-	820
600	375	C061.6037	-	635
600	450	C061.6045	-	440
600	500	C061.6050	-	315
750	375	C061.7537	-	1020
750	450	C061.7545	-	830
750	500	C061.7550	-	700
750	600	C061.7560	-	445

Socket - Flange Taper - PN16

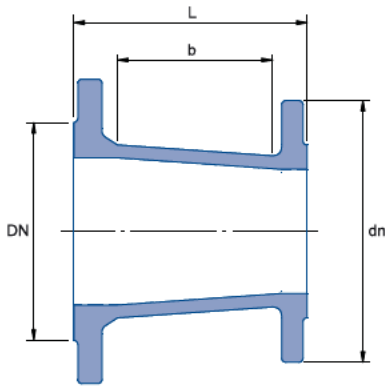


Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.

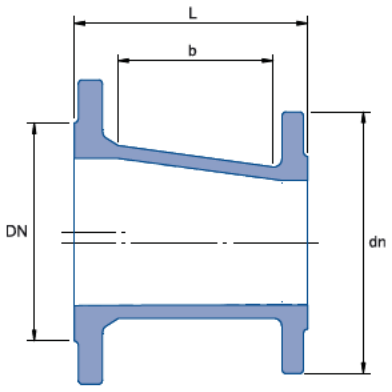
Note: Flange fittings with AS4087 PN35 flanges available on request with suffix "F". Other flange configurations are also available on request.

Nominal Size DN (mm)		Socket - Flange Taper DICL & Series 2 PVC Socket & PN16 Flange Base Product Code	Socket - Flange Taper Series 1PVC Socket & PN16 Flange Base Product Code	Dim L2 (mm)
Body DN	Branch dn			
100	80	C0613.1008	C0623.1008	125
150	80	C0613.1508	C0623.1508	250
150	100	C0613.1510	C0623.1510	190
200	100	C0613.2010	C0623.2010	315
200	150	C0613.2015	C0623.2015	200
225	100	C0613.2210	C0623.2210	385
225	150	C0613.2215	C0623.2215	270
225	200	C0613.2220	C0623.2220	155
250	100	C0613.2510	C0623.2510	445
250	150	C0613.2515	C0623.2515	330
250	200	C0613.2520	C0623.2520	215
250	225	C0613.2522	C0623.2522	160
300	100	C0613.3010	C0623.3010	575
300	150	C0613.3015	C0623.3015	460
300	200	C0613.3020	C0623.3020	345
300	225	C0613.3022	C0623.3022	290
300	250	C0613.3025	C0623.3025	225
375	200	C0613.3720	-	540
375	225	C0613.3722	-	485
375	250	C0613.3725	C0623.3725	420
375	300	C0613.3730	C0623.3730	305
450	250	C0613.4525	-	610
450	300	C0613.4530	-	495
450	375	C0613.4537	-	310
500	250	C0613.5025	-	740
500	300	C0613.5030	-	620
500	375	C0613.5037	-	440
500	450	C0613.5045	-	255
600	300	C0613.6030	-	875
600	375	C0613.6037	-	690
600	450	C0613.6045	-	510
600	500	C0613.6050	-	400
750	375	C0613.7530	-	1080
750	450	C0613.7537	-	895
750	500	C0613.7545	-	785
750	600	C0613.7550	-	540

Flanged Tapers - PN16



Concentric

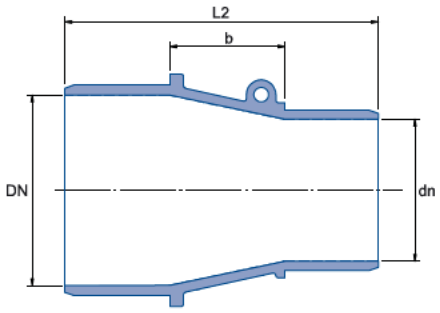


Eccentric

Nominal Size DN (mm)		Flange - Flange Taper Concentric PN 16 Flange	Flange – Flange Taper Eccentric Class 16 Flange	Dimension L (mm)
Body DN	Branch dn	Base Product Code	Base Product Code	
80	50	C063.0805	-	170
80	58	-	C073.08058	152
100	50	C063.1005	C073.1005	178
100	58	C063.10058	-	230
100	65	C063.1006	C073.1006	169
100	80	C063.1008	C073.1008	165
100	125	C063.1012	-	164
150	50	C063.1505	-	297
150	80	C063.1508	C073.1508	298
150	125	C063.1512	C073.1512	266
150	100	C063.1510	C073.1510	235
200	80	C063.2008	-	353
200	100	C063.2010	C073.2010	368
200	150	C063.2015	C073.2015	248
225	100	C063.2210	C073.2210	432
225	150	C063.2215	C073.2215	311
225	200	C063.2220	C073.2220	190
250	100	C063.2510	C073.2510	495
250	150	C063.2515	C073.2515	375
250	200	C063.2520	C073.2520	254
250	225	C063.2522	C073.2522	190
300	100	C063.3010	C073.3010	629
300	150	C063.3015	C073.3015	508
300	200	C063.3020	C073.3020	387
300	225	C063.3022	C073.3022	324
300	250	C063.3025	C073.3025	260
375	150	C063.3715	C073.3715	705
375	200	C063.3720	C073.3720	584
375	225	C063.3722	C073.3722	521
375	250	C063.3725	C073.3725	457
375	300	C063.3730	C073.3730	337
450	150	C063.4515	C073.4515	908
450	250	C063.4525	C073.4525	660
450	300	C063.4530	C073.4530	540
450	375	C063.4537	C073.4537	356
500	300	C063.5030	C073.5030	667
500	375	C063.5037	C073.5037	483
500	450	C063.5045	C073.5045	305
525	250	C063.5225	C073.5225	857
525	300	C063.5230	C073.5230	737
525	375	C063.5237	C073.5237	552
525	450	C063.5245	C073.5245	375
525	500	C063.5250	C073.5250	248
600	200	C063.6020	-	1181
600	225	C063.6022	-	1118
600	250	C063.6025	-	1054
600	300	C063.6030	C073.6030	934
600	375	C063.6037	C073.6037	749
600	450	C063.6045	C073.6045	572
600	500	C063.6050	C073.6050	444
600	525	C063.6052	C073.6052	387
750	450	C063.7545	C073.7545	1000
750	500	C063.7550	-	885
750	600	C063.7560	-	645

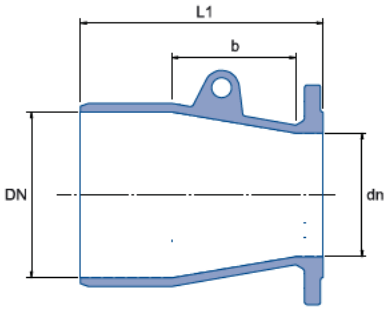
Note: Flange fittings with AS4087 PN35 flanges available on request with suffix "F". Other flange configurations are also available on request.

Spigot - Spigot Tapers - PN16



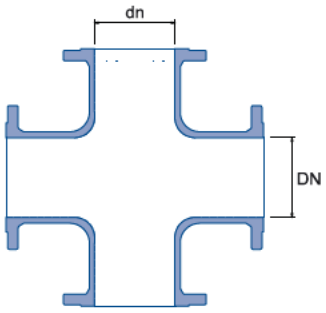
Nominal Size DN (mm)		Spigot – Spigot Taper Concentric	Spigot – Spigot Taper Eccentric	Dimension L2 (mm)
Body DN	Branch dn	Base Product Code	Base Product Code	
80	50	C064.0805	C074.0805	242
80	58	C064.08058	C074.08058	226
100	58	C064.10058	C074.10058	250
100	80	C064.1008	C074.1008	268
125	100	C064.1210	C074.1210	269
150	80	C064.1508	C074.1508	394
150	100	C064.1510	C074.1510	331
150	125	C064.1512	C074.1512	340
200	100	C064.2010	C074.2010	470
200	150	C064.2015	C074.2015	343
225	100	C064.2210	C074.2210	534
225	150	C064.2215	C074.2215	406
225	200	C064.2220	C074.2220	292
250	100	C064.2510	C074.2510	597
250	150	C064.2515	C074.2515	470
250	200	C064.2520	C074.2520	355
250	225	C064.2522	C074.2522	292
300	100	C064.3010	C074.3010	724
300	150	C064.3015	C074.3015	597
300	200	C064.3020	C074.3020	482
300	225	C064.3022	C074.3022	418
300	250	C064.3025	C074.3025	355
375	150	C064.3715	C074.3715	814
375	200	C064.3720	C074.3720	698
375	225	C064.3722	C074.3722	635
375	250	C064.3725	C074.3725	572
375	300	C064.3730	C074.3730	444
450	150	C064.4515	C074.4515	1004
450	200	C064.4525	C074.4525	889
450	225	C064.4522	C074.4522	826
450	250	C064.4525	C074.4525	762
450	300	C064.4530	C074.4530	635
450	375	C064.4537	C074.4537	470
525	150	C064.5215	C074.5215	1131
525	200	C064.5220	C074.5220	1080
525	225	C064.5222	C074.5222	1016
525	250	C064.5225	C074.5225	952
525	300	C064.5230	C074.5230	826
525	375	C064.5237	C074.5237	661
525	450	C064.5245	C074.5245	470
600	200	C064.6020	C074.6020	1270
600	225	C064.6022	C074.6022	1206
600	250	C064.6025	C074.6025	1143
600	300	C064.6030	C074.6030	1016
600	375	C064.6037	C074.6037	852
600	450	C064.6045	C074.6045	661
600	525	C064.6052	C074.6052	470
750	450	C064.7545	C074.7545	1085
750	500	C064.7550	C074.7550	955
750	600	C064.7560	C074.7560	700

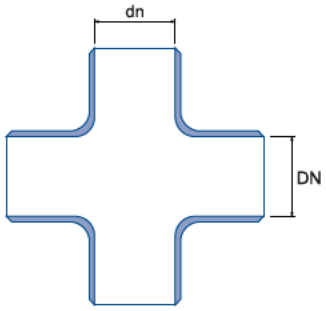
Spigot - Flanged Tapers - PN16



Nominal Size DN (mm)		Spigot – Flange Taper PN 16 Flange Base Product Code	Dimension L1 (mm)
Body DN	Branch dn		
100	80	C0643.1008	217
150	80	C0643.1508	349
150	100	C0643.1510	286
150	125	C0643.1512	381
200	100	C0643.2010	432
200	150	C0643.2015	305
225	100	C0643.2210	496
225	150	C0643.2215	368
225	200	C0643.2220	242
250	100	C0643.2510	559
250	150	C0643.2515	432
250	200	C0643.2520	305
250	225	C0643.2522	242
300	100	C0643.3010	692
300	150	C0643.3015	565
300	200	C0643.3020	438
300	225	C0643.3022	374
300	250	C0643.3025	311
375	150	C0643.3715	-
375	200	C0643.3720	660
375	225	C0643.3722	597
375	250	C0643.3725	534
375	300	C0643.3730	406
450	150	C0643.4515	-
450	200	C0643.4520	-
450	225	C0643.4522	-
450	250	C0643.4525	737
450	300	C0643.4530	610
450	375	C0643.4537	419
525	150	C0643.5215	-
525	200	C0643.5220	-
525	225	C0643.5222	-
525	250	C0643.5225	933
525	300	C0643.5230	807
525	375	C0643.5237	616
525	450	C0643.5245	425
600	200	C0643.6020	-
600	225	C0643.6022	-
600	250	C0643.6025	-
600	300	C0643.6030	1004
600	375	C0643.6037	814
600	450	C0643.6045	623
600	525	C0643.6052	496
750	450	C0643.7545	1035
750	500	C0643.7550	925
750	600	C0643.7560	680

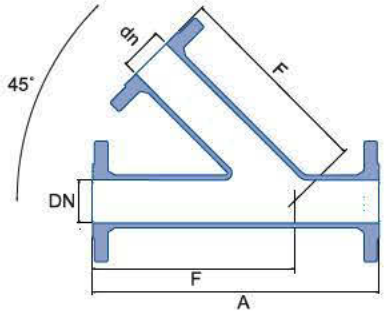
Crosses - PN16

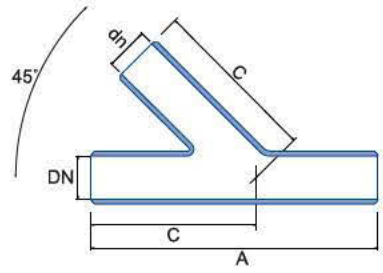




Nominal Size DN (mm)		Flanged Cross Class 16 Flanges Base Product Code	Spigot Cross Base Product Code
Body DN	Branch dn		
80	80	C083.0808	C084.0808
100	80	C083.1008	C084.1008
100	100	C083.1010	C084.1010
150	80	C083.1508	C084.1508
150	100	C083.1510	C084.1510
150	150	C083.1515	C084.1515
200	100	C083.2010	C084.2010
200	150	C083.2015	C084.2015
200	200	C083.2020	C084.2020
225	100	C083.2210	C084.2210
225	150	C083.2215	C084.2215
225	200	C083.2220	C084.2220
225	225	C083.2222	C084.2222
250	100	C083.2510	C084.2510
250	150	C083.2515	C084.2515
250	200	C083.2520	C084.2520
250	225	C083.2522	C084.2522
250	250	C083.2525	C084.2525
300	100	C083.3010	C084.3010
300	150	C083.3015	C084.3015
300	200	C083.3020	C084.3020
300	225	C083.3022	C084.3022
300	250	C083.3025	C084.3025
300	300	C083.3030	C084.3030
375	100	C083.3710	C084.3710
375	150	C083.3715	C084.3715
375	200	C083.3720	C084.3720
375	375	C083.3737	C084.3737
450	150	C083.4515	C084.4515
450	225	C083.4522	C084.4522
450	250	C083.4525	C084.4525
450	300	C083.4530	-
450	375	C083.4537	C084.4537
450	450	C083.4545	C084.4545
600	375	C083.6037	C084.6037
600	450	C083.6045	-
600	600	C083.6060	C084.6060

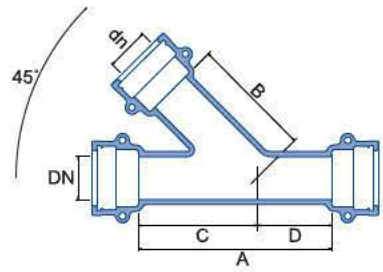
Flanged & Spigoted Wyes - PN16





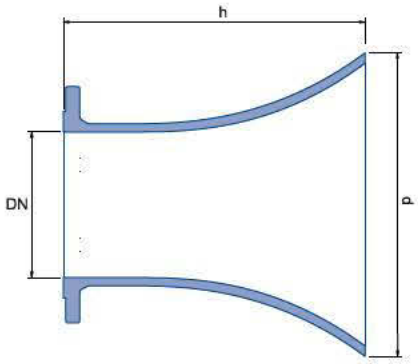
Nominal Size DN (mm)		Flanged Wye PN 16 Flanges Base Product Code	Flanged Wye Dimension L (mm)	Flanged Wye Dimension F (mm)	Spigot Wye Base Product Code	Spigotted Wye Dimension L (mm)	Spigotted Wye Dimension C (mm)	Spigot - Flange Wye PN 16 Flanges Base Product Code
Body DN	Branch dn							
80	80	C093.0808	442	332	C094.0808	492	364	C0943.0808
100	100	C093.1010	533	406	C094.1010	673	483	C0943.1010
150	100	C093.1510	635	508	C094.1510	648	483	C0943.1510
150	150	C093.1515	606	533	C094.1515	723	533	C0943.1515
200	100	C093.2010	635	533	C094.2010	673	508	C0943.2010
200	150	C093.2015	737	584	C094.2015	749	559	C0943.2015
200	200	C093.2020	767	610	C094.2020	851	635	C0943.2020
225	100	C093.2210	686	559	C094.2210	673	559	C0943.2210
225	150	C093.2215	711	584	C094.2215	750	610	C0943.2215
225	200	C093.2220	806	640	C094.2220	906	690	C0943.2220
225	225	C093.2222	838	635	C094.2222	902	686	C0943.2222
250	100	C093.2510	737	610	C094.2510	673	559	C0943.2510
250	150	C093.2515	762	635	C094.2515	749	584	C0943.2515
250	200	C093.2520	-	-	C094.2520	-	-	C0943.2520
250	225	C093.2522	737	572	C094.2522	761	584	C0943.2522
250	250	C093.2525	914	711	C094.2525	978	737	C0943.2525
300	100	C093.3010	737	635	C094.3010	673	584	C0943.3010
300	150	C093.3015	787	660	C094.3015	750	610	C0943.3015
300	200	C093.3020	841	610	C094.3020	865	622	C0943.3020
300	225	C093.3022	914	711	C094.3022	876	686	C0943.3022
300	250	C093.3025	940	737	C094.3025	978	762	C0943.3025
300	300	C093.3030	991	762	C094.3030	1054	813	C0943.3030
375	100	C093.3710	826	700	C094.3710	865	713	C0943.3710
375	200	C093.3720	976	756	C094.3720	1028	768	C0943.3720
375	250	C093.3725	828	688	C094.3725	880	700	C0943.3725
375	375	C093.3737	943	749	C094.3737	1000	775	C0943.3737
450	250	C093.4525	824	738	C094.4525	1180	921	C0943.4525
450	450	C093.4545	1128	895	C094.4545	1185	930	C0943.4545
600	450	C093.6045	1148	1167	C094.6045	1494	1170	C0943.6045
600	600	C093.6060	1488	1167	C094.6060	1494	1170	C0943.6060

Socketed Wyes - PN16



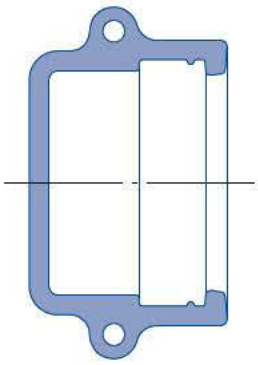
Body DN	Branch dn	Griptite® Wye Base Product Code	Nortite® Wye Base Product Code	Dimension A (mm)	Dimension B (mm)	Dimension C (mm)	Dimension D (mm)
100	100	C091.1010	C092.1010	508	330	330	178
150	100	C091.1510	C092.1510	483	330	330	153
150	150	C091.1515	C092.1515	559	381	381	178

Bell Mouths - PN16



Nominal Size DN (mm)	Flanged Bellmouth Base Product Code	Dimensions (mm)	
		d	h
80	C19.08	178	203
100	C19.10	203	205
150	C19.15	254	300
200	C19.20	305	300
225	C19.22	381	300
250	C19.25	457	375
300	C19.30	457	450
375	C19.37	560	600
450	C19.45	685	600
500	C19.50	762	750
600	C19.60	762	900
750	C19.75	1140	922

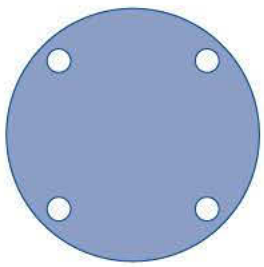
Caps - PN35



Adaptor Seals: Adaptor/conversion seals are available for conversion of DICL/Series 2 (blue) PVC fittings for use with Series 1 (white) PVC pipe.

Nominal Size DN (mm)	Socket Caps DICL & Series 2 PVC Socket Base Product Code	Socket Caps Series 1 PVC Socket Base Product Code
80	-	C182.08
100	C181.10	C182.10
150	C181.15	C182.15
200	C181.20	C182.20
225	C181.22	C182.22
250	C181.25	C182.25
300	C181.30	C182.30
375	C181.37	-
450	C181.45	-
500	C181.50	-
600	C181.60	-
750	C181.75	-

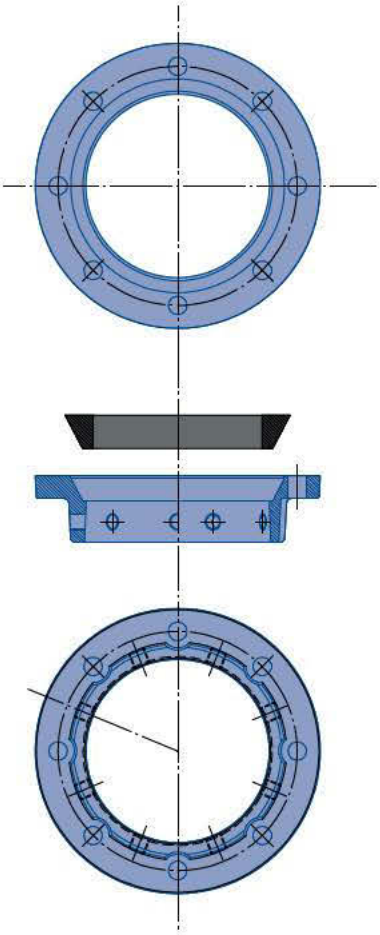
Blank Flanges - PN16 & PN35



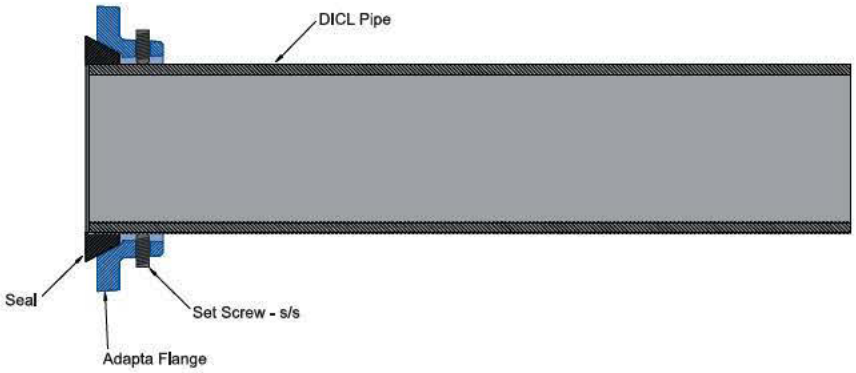
Note: Tappings are available on request.

Nominal Size DN (mm)	Blank Flanges PN 16 Flanges Base Product Code	Blank Flanges PN 35 Flanges Base Product Code
50	C280.05	C280.05F
65	C280.06	C280.06F
80	C280.08	C280.08F
100	C280.10	C280.10F
150	C280.15	C280.15F
200	C280.20	C280.20F
225	C280.22	C280.22F
250	C280.25	C280.25F
300	C280.30	C280.30F
375	C280.37	C280.37F
450	C280.45	C280.45F
500	C280.50	C280.50F
525	C280.52	C280.52F
600	C280.60	C280.60F
750	C280.75	C280.75F

Adapta Flanges



Nominal Size DN (mm)	Blank Flanges Base Product Code	Set Screw Torque (Nm)	Maximum Working Pressure (kPa)
80	C286.08	90	1400
100	C286.10	90	1400
150	C286.15	120	1400
200	C286.20	120	1400
225	C286.22	120	1400
250	C286.25	120	1400
300	C286.30	120	1400
375	C286.37	150	1000
450	C286.45	150	1000
500	C286.50	150	1000
525	C286.52	150	700
600	C286.60	150	700



Installation Instructions

Step 1 Ensure that the end of the pipe is clean and cut square to the centre line of the pipe. The square end shall be deburred as required but shall not be chamfered.

Step 2 Slide the flange onto the end of the pipe and hand turn the set screws until they lighly touch the pipe circumference, but still allow the flange to slide freely. Ensure that the gap between the inside of the flange and the outside of the pipe is even all round.

Step 3 Lubricate the seal with an approved lubricant and position on the pipe approximately 5mm from the end. Note:- No other flange gasket is required when using an Adapta-Flange.

Step 4 Slide the flange forward onto the seal. The seal should sit evenly in the flange cavity.

Step 5 Position the pipe so that the square end is touching the flange face of the mating fitting. When the Adapta-Flange is used as a dismantling joint the gap between the end of the pipe and the mating fitting should be kept to a minimum but shall not exceed 5mm.

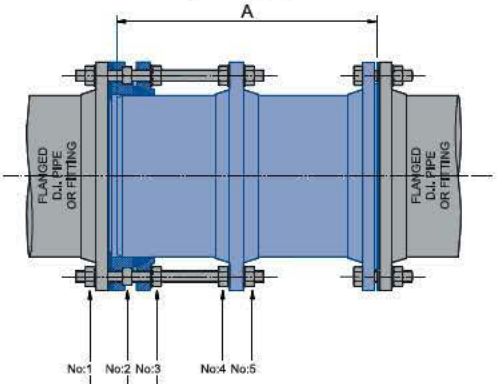
Step 6 Install the flange bolts. Tighten gradually and evenly by alternating from side to side in the correct sequence so that the rubber seal is uniformly compressed. Maintain an even gap between the flange faces throughout this operation. Bolt tightening torques shall be as per standard practice.

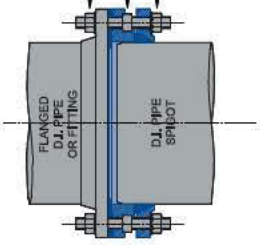
Step 7 Ensure that all set screws are touching the pipe circumference before tightening evenly to the torque specified in the table above.

Note:- (i) When the joint is subject to high vibration, the application of a thread locking compound on the set screws is recommended.
(ii) The maximum water working pressure of the Adapta-Flange joint is shown in the table above.

Dismantling Joints

Type 'B' Joint Assembly
(Thrust Type)





Type 'D' Joint Assembly
(Non-Thrust Type)

Nom. Size DN (mm)	Type B				Type D		
	Dim. 'A'	Stud Details	Stud Tightening Torque (Nm)	PN16 Flanges 316 S/S Bolting Product Code	Stud Details	Stud Tightening Torque (Nm)	PN16 Flanges 316 S/S Bolting Product Code
80	400	4/M16x320	70	C273.08	4/M16x160	70	C278.08
100	400	4/M16x320	70	C273.10	4/M16x160	70	C278.10
150	400	8/M16x320	70	C273.15	8/M16x160	70	C278.15
200	400	8/M16x320	70	C273.20	8/M16x160	70	C278.20
225	400	8/M16x320	70	C273.22	8/M16x160	70	C278.22
250	400	8/M20x330	100	C273.25	8/M20x180	100	C278.25
300	400	12/M20x330	100	C273.30	12/M20x180	100	C278.30
375	600	12/M24x400	130	C273.37	12/M24x220	130	C278.37
450	600	12/M24x400	130	C273.45	12/M24x220	130	C278.45
500	600	16/M24x400	130	C273.50	16/M24x220	130	C278.50
525				C273.52			C278.52
600	600	16/M27x440	160	C273.60	16/M27x245	160	C278.60
750	600	20/M30x480	190	C273.75	20/M30x280	190	C278.75

Purpose

Dismantling joints are installed in pipelines to facilitate the removal and replacement of valves, pipes or fittings in the line. By removing and adjusting certain stud nuts, the stud and the loosened flanges can be retracted sufficiently to allow for the removal and replacement of the joint and associated pipe or fittings in the pipeline.

Installation Instructions

All dismantling joints are supplied loosely assembled and should be installed in the following sequence. Note:- For type "B" joints ensure that the flange to flange gap in line is as shown above. (The joint assembly shall be supplied to drop directly into the gap.) For type "D" joints, the gap in the line shall be the length of the spigot/flange pipe or fitting plus 15mm, as shown. (Slide the joint over the spigot end until the pipe or fitting cab be directly dropped into the gap.)

Step 1 Remove the no:1 nuts and associated washers, then place the joint assembly into the gap as explained above.

Step 2 Install the standard flange bolts (not supplied) and fully tighten in the correct sequence as per standard practice.

Step 3 Turn the no:5 nuts (where applicable) until they are only a couple of turns from the end of the studs.

Step 4 Slide the flanges, gaskets, seals and studs along the spigot until the fixed flange for the no:1 nuts and washers to be fitted. (The no:3 nuts will have to be blocked off during this operation.) Fully tighten the no.1 nuts as per standard practice.

Step 5 Fully tighten the no:4 and the no:5 nuts (where applicable).

Step 6 Slide the adjusting flange and seal into position and finger tighten the no:3 nuts. Fully tighten the no:3 nuts in the correct sequence as per standard practice to the approximate tightening torques.

Sydney Water Long Barrel

DN	Item Number	Description	Description 2
100	C315.10	100 GIBAULT SWD	NC 316 SS BOLTING PN16
150	C315.15	150 GIBAULT SWD	NC 316 SS BOLTING PN16
200	C315.20	200 GIBAULT SWD	NC 316 SS BOLTING PN16
250	C315.25	250 GIBAULT SWD	NC 316 SS BOLTING PN16
300	C315.30	300 GIBAULT SWD	NC 316 SS BOLTING PN16
375	C315.37	375 GIBAULT SWD	NC 316 SS BOLTING PN16
450	C315.45	450 GIBAULT SWD	NC 316 SS BOLTING PN16
500	C315.50	500 GIBAULT SWD	NC 316 SS BOLTING PN16
600	C315.60	600 GIBAULT SWD	NC 316 SS BOLTING PN16

Use: To join/repair the following pipe types:

AC to AC (Machined spigot/barrels only)
AC to Ductile Iron
Ductile Iron to Ductile Iron
Ductile Iron to Cast Iron
Cast Iron to Cast Iron
Series 2 PVC to Ductile Iron
Series 2 PVC to Cast Iron
Series 2 PVC AC (Machined spigot/barrels only)

Blank Long Barrel

Use: To blank off following pipe types:

AC to AC
AC to Ductile Iron
Ductile Iron to Ductile Iron
Ductile Iron to Cast Iron
Cast Iron to Cast Iron
Ductile Iron to Series 2 PVC
Cast Iron to Series 2 PVC
AC to Series 2 PVC

DN	Item Number	Description	Description 2
58	C3171.05	58 GIBAULT ELONG S2	NC GS BOLTING PN16
58	C3171.05S	58 GIBAULT ELONG S2 SS	NC 316 SS BOLTING PN16
80	C3171.08	80 GIBAULT ELONG S2	NC GS BOLTING PN16
80	C3171.08S	80 GIBAULT ELONG S2 SS	NC 316 SS BOLTING PN16
100	C3171.10	100 GIBAULT ELONG S2	NC GS BOLTING PN16
100	C3171.10S	100 GIBAULT ELONG S2 SS	NC 316 SS BOLTING PN16
150	C3171.15	150 GIBAULT ELONG S2	NC GS BOLTING PN16
150	C3171.15S	150 GIBAULT ELONG S2 SS	NC 316 SS BOLTING PN16
200	C3171.20	200 GIBAULT ELONG S2	NC GS BOLTING PN16
200	C3171.20S	200 GIBAULT ELONG S2 SS	NC 316 SS BOLTING PN16
225	C3171.22	225 GIBAULT ELONG S2	NC GS BOLTING PN16
225	C3171.22S	225 GIBAULT ELONG S2 SS	NC 316 SS BOLTING PN16
250	C3171.25	250 GIBAULT ELONG S2	NC GS BOLTING PN16
250	C3171.25S	250 GIBAULT ELONG S2 SS	NC 316 SS BOLTING PN16
300	C3171.30	300 GIBAULT ELONG S2	NC GS BOLTING PN16
300	C3171.30A	300 GIBAULT ELONG S2 AB	NC 316 SS BOLTING PN16
300	C3171.30S	300 GIBAULT ELONG S2 SS	NC GS BOLTING PN16
375	C3171.37	375 GIBAULT ELONG S2	NC 316 SS BOLTING PN16
375	C3171.378	375 GIBAULT ELONG S2	NC GS BOLTING PN16
375	C3171.378S	375 GIBAULT ELONG S2 SS	NC 316 SS BOLTING 8 BOLT PN16
375	C3171.37S	375 GIBAULT ELONG S2 SS	NC 316 SS BOLTING PN16
450	C3171.45	450 GIBAULT ELONG S2 LG	NC GS BOLTING PN16
450	C3171.458	450 GIBAULT ELONG S2 LG	NC GS BOLTING 8 BOLT PN16
450	C3171.458S	450 GIBAULT ELONG S2 LG SS	NC 316 SS BOLTING 8 BOLT PN16
450	C3171.45A	450 GIBAULT ELONG S2 LG AB	NC SS BOLTING PN16
450	C3171.45S	450 GIBAULT ELONG S2 LG SS	NC GS BOLTING PN16
500	C3171.50	500 GIBAULT ELONG S2 LG	NC GS BOLTING PN16
500	C3171.5010	500 GIBAULT ELONG S2 LG	NC GS BOLTING 10 BOLT PN16
500	C3171.5010S	500 GIBAULT ELONG S2 LG SS	NC 316 SS BOLTING 10 BOLT PN16
500	C3171.50S	500 GIBAULT ELONG S2 LG SS	NC 316 SS BOLTING PN16
525	C3171.52	525 GIBAULT ELONG S2 LG	NC GS BOLTING PN16
525	C3171.5210	525 GIBAULT ELONG S2 LG	BD GS BOLTING 10 BOLT PN16
525	C3171.5210S	525 GIBAULT ELONG S2 LG SS	NC 316 SS BOLTING 10 BOLT PN16
525	C3171.52S	525 GIBAULT ELONG S2 LG SS	NC 316 SS BOLTING PN16
600	C3171.60	600 GIBAULT ELONG S2 LG	NC GS BOLTING PN16
600	C3171.6010	600 GIBAULT ELONG S2 LG	NC GS BOLTING 10 BOLT PN16
600	C3171.6010S	600 GIBAULT ELONG S2 LG SS	NC 316 SS BOLTING 10 BOLT PN16
600	C3171.60S	600 GIBAULT ELONG S2 LG SS	NC 316 SS BOLTING PN16
750	C3171.75	750 GIBAULT ELONG S2 LG	NC GS BOLTING PN16

Blank Long Barrel

Use: To blank off following pipe types:

AC
Ductile Iron
Cast Iron
S2 PVC

DN	Item Number	Description	Description 2
58	C3185.05	58 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
58	C3185.05S	58 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
80	C3185.08	80 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
80	C3185.08S	80 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
100	C3185.10	100 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
100	C3185.10S	100 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
150	C3185.15	150 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
150	C3185.15S	150 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
200	C3185.20	200 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
200	C3185.20S	200 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
225	C3185.22	225 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
225	C3185.22S	225 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
250	C3185.25	250 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
250	C3185.25S	250 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
300	C3185.30	300 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
300	C3185.30S	300 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
375	C3185.37	375 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
375	C3185.37S	375 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
450	C3185.45	450 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
450	C3185.45S	450 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
500	C3185.50	500 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
500	C3185.50S	500 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
525	C3185.52	525 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
525	C3185.52S	525 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16
600	C3185.60	600 GIBAULT BLANK S2 ELONG	NC GS BOLTING PN16
600	C3185.60S	600 GIBAULT BLANK S2 ELONG SS	NC 316 SS BOLTING PN16

Blank Long Barrel

Use: To blank off S1 PVC pipe

DN	Item Number	Description	Description 2
80	C3181.08	80 GIBAULT BLANK S1 PVC	NC GS BOLTING PN16
80	C3181.08S	80 GIBAULT BLANK S1 PVC SS	BD 316 SS BOLTING PN16
100	C3181.10	100 GIBAULT BLANK S1 PVC	NC GS BOLTING PN16
100	C3181.10S	100 GIBAULT BLANK S1 PVC SS	NC 316 SS BOLTING PN16
150	C3181.15	150 GIBAULT BLANK S1 PVC	NC GS BOLTING PN16
150	C3181.15S	150 GIBAULT BLANK S1 PVC SS	NC 316 SS BOLTING PN16
195	C3181.19	195 GIBAULT BLANK S1 PVC	NC GS BOLTING PN16
195	C3181.19S	195 GIBAULT BLANK S1 PVC SS	NC 316 SS BOLTING PN16
200	C3181.20	200 GIBAULT BLANK S1 PVC	NC GS BOLTING PN16
200	C3181.20S	200 GIBAULT BLANK S1 PVC SS	NC 316 SS BOLTING PN16
225	C3181.22	225 GIBAULT BLANK S1 PVC	NC GS BOLTING PN16
225	C3181.22S	225 GIBAULT BLANK S1 PVC SS	NC 316 SS BOLTING PN16
250	C3181.25	250 GIBAULT BLANK S1 PVC	NC GS BOLTING PN16
250	C3181.25S	250 GIBAULT BLANK S1 PVC SS	NC 316 SS BOLTING PN16
300	C3181.30	300 GIBAULT BLANK S1 PVC	NC GS BOLTING PN16
300	C3181.30S	300 GIBAULT BLANK S1 PVC SS	NC 316 SS BOLTING PN16
375	C3181.37	375 GIBAULT BLANK S1 PVC	NC GS BOLTING PN16
375	C3181.37S	375 GIBAULT BLANK S1 PVC SS	NC 316 SS BOLTING PN16

Multi-fit Joints

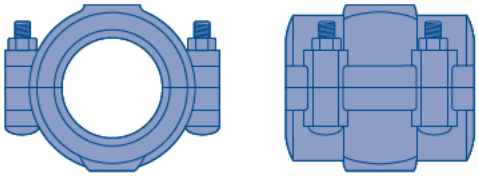
Multi-Fit Joints (MFJ) consist of two castings that seal to ductile iron pipelines and PVC pipelines in Series 1 or 2 O.D. dimensions by means of two moulded rubber seals that seat into longitudinal and circumferential grooves in each casting. Cup head bolts key into the castings to facilitate clamping of the castings together to form a watertight seal. Lubricant should be applied to the pipe surfaces to assist in fitting the joint.

Each joint is provided with a tapping boss for fitting of an off take, where required. Can be used for tapping or repair of pipelines.

Multi-fit Joints can be used with:

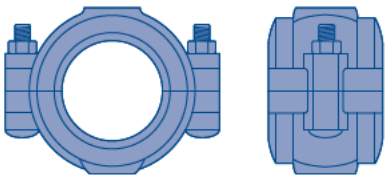
AC Pipe
DICL & CICL Pipelines
PVC Pressure Pipes (Series 1 or Series 2)

DICL,CICL, AC & Series 2 PVC



DN	Item Number	Description
80	C361.08	80 MULTIFIT 4 BOLT
100	C361.10	100 MULTIFIT 4 BOLT
150	C361.15	150 MULTIFIT 4 BOLT
200	C361.20	200 MULTIFIT 4 BOLT
225	C361.22	225 MULTIFIT 4 BOLT
250	C361.25	250 MULTIFIT 4 BOLT
300	C361.30	300 MULTIFIT 4 BOLT
375	C361.37	375 MULTIFIT 4 BOLT
450	C361.45	450 MULTIFIT 4 BOLT
525	C361.52	525 MULTIFIT 6 BOLT
600	C361.60	600 MULTIFIT 6 BOLT
80	C362.08	80 MULTIFIT 2 BOLT
100	C362.10	100 MULTIFIT 2 BOLT
150	C362.15	150 MULTIFIT 2 BOLT
200	C362.20	200 MULTIFIT 2 BOLT

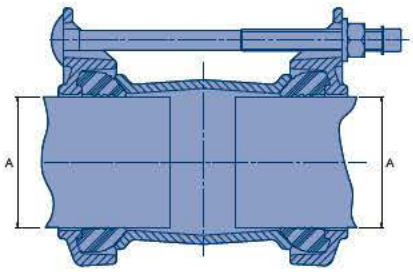
Series 1 PVC



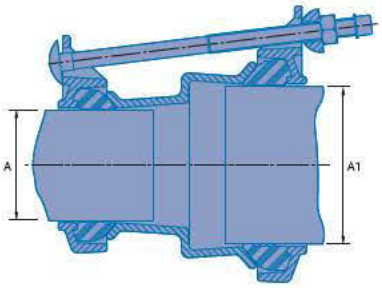
DN	Item Number	Description
80	C363.08	80 MULTIFIT 2 BOLT
100	C363.10	100 MULTIFIT 2 BOLT
150	C363.15	150 MULTIFIT 2 BOLT

Note: Tappings are available on request.

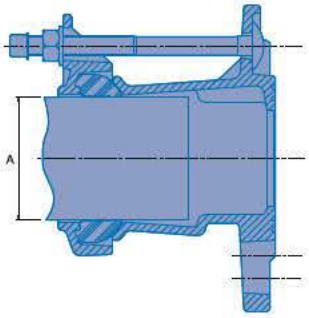
PN16



Universal Coupling Short or Long



Universal Coupling Stepped



Universal Coupling Flanged

Nominal Size (mm)	Universal Coupling Short Series Cl, DI, AC Product Code 316 S/S Bolting	Universal Coupling Long Series PVC ,Cl, DI, AC Product Code 316 S/S Bolting	Universal Coupling Stepped Product Code 316 S/S Bolting	Universal Coupling Flanged Product Code 316 S/S Bolting	Coupling Range A (mm)	Coupling Range A1 (mm)
40	C32601.046063	-	-	C32603.046063	46 – 63	-
40-50	-	-	C32602.063074	-	46-63	57-74
40-65	-	-	C32602.063085	-	46-63	68-85
50	C32601.057074	-	-	C32603.057074	57-74	-
50-65	-	-	C32602.057085	-	57-74	68-85
50-80	-	-	C32602.057106	-	57-74	84-106
65	C32601.068085	-	-	C32603.068085	68-85	-
65-80	-	-	C32602.085106	-	68-85	84-106
80	C32601.084106	C32605.084106	-	C32603.084106	84-106	-
80-100	-	-	C32602106119	-	84-106	99-119
100-100	-	-	C32602.106119	-	84-106	109-133
100	C32601.099119	-	-	C32603.099119	99-119	-
100	-	-	C32602.099133	-	99-119	109-133
100	-	-	C32602.099157	-	99-119	132-157
100	C32601.109133	C32605.109133	-	C32603.109133	109-133	-
100-125	-	-	C32602.133157	-	109-133	132-157
100-150	-	-	C32602.133183	-	109-133	157-183
125	C32601.132157	-	-	C32603.132157	132-157	-
125-150	-	-	C32602.157183	-	132-157	157-183
150	C32601.157183	C32605.157183	-	C32603.157183	157-183	-
150-150	-	-	C32602.183201	-	157-183	176-201
150	C32601.176201	-	-	C32603.176201	176-201	-
150-200	-	-	C32602.201215	-	176-201	193-215
150-200	-	-	C32602.201242	-	176-201	218-242
200	C32601.193215	-	-	C32603.193215	193-215	-
200-200	-	-	C32602.215242	-	193-215	218-242
200-225	-	-	C32602.193268	-	193-215	242-268
200	C32601.218242	C32604.218242	-	C32603.218242	218-242	-
200-225	-	-	C32602.242268	-	218-242	242-268
225	C32601.242268	C32604.242268	-	-	242-268	-
225-250	-	-	C32602.268292	-	242-268	266-292
250	C32601.266292	C32604.266292	-	C32603.266292	266-292	-
250-300	-	-	C32602.292306	-	266-292	280-306
250-300	-	-	C32602.292327	-	266-292	301-327
250	C32601.280306	-	C32602.280306	-	280-306	-
300	C32601.301327	-	-	C32603.301327	301-327	-
300-350	-	-	C32602.327350	-	301-327	324-350
300-350	-	-	C32602.327378	-	301-327	352-378
300	C32601.324350	C32604.324350	-	C32603.324350	324-350	-
300-350	-	-	C32602.350378	-	324-350	352-378
350	C32601.352378	-	-	-	352-378	-
350-350	-	-	C32602.378396	-	352-378	372-396
350	C32601.372396	-	-	-	372-396	-
350-350	-	-	C32602.396410	-	372-396	384-410
350	C32601.384410	-	-	-	384-410	-
350-400	-	-	C32602.410436	-	384-410	410-436
400	C32601.410436	C32604.410436	-	-	410-436	-
400-400	-	-	C32602.436462	-	410-436	436-462
400	C32601.436462	-	C32602.436462	-	436-462	-

Taptite® Tapping Bands without Seal Nut

Nominal Size DN (mm)	Taptite® Blue Suits DICL & U, M & OPVC Series 2 Base Product Code	Taptite® White Suits U, M & OPVC Series 1 Base Product Code
100	C201.10	C202.10
150	C201.15	C202.15
200	C201.20	C202.20
225	C201.22	C202.22
250	C201.25	C202.25
300	C201.30	C202.30
375	C201.37	-
450	C201.45	-
500	C201.50	-
600	C201.60	-

NIBF

Taptite® Seal Nut

Nominal Size BSP (mm)	Taptite® Nuts Suits DN100 – DN300 Base Product Code	Taptite® Nuts Suits DN375 – DN600 Base Product Code
20	C2090.020	C2090.020
25	C2090.025	C2090.025

Taptite® Tapping Bands – Installation Instruction

Taptite tapping bands are available to suit DICL or PVC series 1 & 2 in 15mm, 20mm or 25mm BSP Tappings.

- Cast in Ductile Iron with Polymeric Coating to AS4158.
- Stainless Steel Bolting.
- Special spacer keeps bolts in place and prevents over tightening on PVC pipes.
- Hexagonal bolt heads locate between lugs and will not turn when being tightened.
- Taptites' exclusive "Inliner" sleeve keeps the flow through the pipe wall constant by preventing tuberculation growth from forming in the freshly drilled hole in the pipe wall. Utilizing the standard plug cock type, under pressure tapping ferrule cock "Inliner" sleeves can be fitted under pressure as part of the initial off takes fitting installation.

Bolt Size	Recommended Tightening Torque (nm)
M12	30
M16	60
M20	100

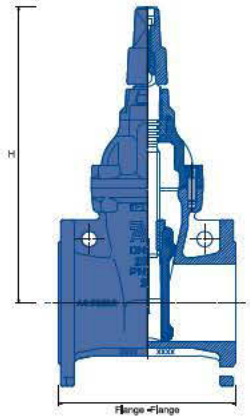
How to fit the "Inliner" sleeve to ductile iron pipe walls for tuberculation free service connections.

- Having drilled the main and removed the drilling machine from the shut-off ferrule cock, fit the Inliner sleeve to the plunger of the Inliner inserter and screw the inserter, with the plunger fully retracted into the top of the ferrule cock and firmly tighten.
- Open the plug cock and with gentle pressure on the plunger, "feed" the Inliner down through the plug and down into the drilled hole in the pipe wall.
- Push down firmly on the plunger until the handle is almost flush with the gland on the Inliner Inserter Body. The correct insertion of the Inliner sleeve will be evidenced by the travel of the plunger and the operator will feel the barbs on the inliner sleeve coming into contact with the drilled hole.

Caution: The Inliner sleeve can be inserted under static mains pressure conditions or with water flowing from the ferrule outlet. However, mains pressure on the end of the plunger will cause the plunger to be pushed upwards when hand pressure is reduced on the plunger handle. Whilst the Inliner Inserter is designed so that the plunger is captive in the unit, **operators should not stand directly over the ferrule cock when using the Inliner Inserter under pressure.**

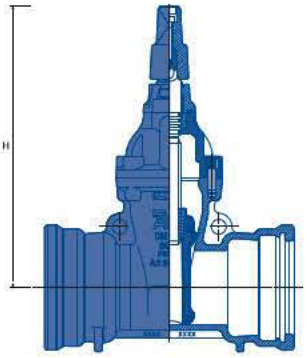
- The installation is completed by ensuring that the plunger is fully retracted, turning the ferrule off by rotating the plug cock, removing the Inliner Inserter and replacing the jumper valve cap or bonnet in the ferrule cock body.
- Ferrule cocks must have full bore machining dimensions on the inlet orifice.

Resilient Seated Valves – PN 16 (Flange – Flange)



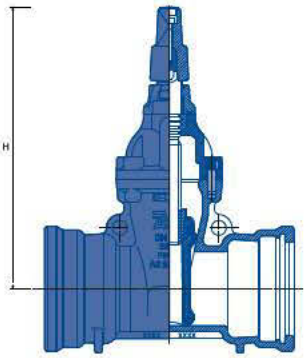
Nominal Size DN (mm)	Anti-Clockwise Closing Valves PN16 Flange Base Product Code	Clockwise Closing Valves PN16 Flange Base Product Code	Flange - Flange Dim. (mm)	Height From Centreline Of Bore (Mm)
50	C523.05	C523.05C	178	335
65	C523.06	C523.06C	190	344
80	C523.08	C523.08C	203	350
100	C523.10	C523.10C	229	380
150	C523.15	C523.15C	267	485
200	C523.20	C523.20C	292	595
225	C523.22	C523.22C	305	595
250	C523.25	C523.25C	330	680
300	C523.30	C523.30C	356	755
375	C523.37	C523.37C	381	905
400	C523.40	C523.40C	406	930
450	C523.45	C523.45C	432	1130
500	C523.50	C523.50C	457	1206
600	C523.60	C523.60C	508	1329

Resilient Seated Valves – PN16 DICL & Series 2 PVC (Socket – Socket)



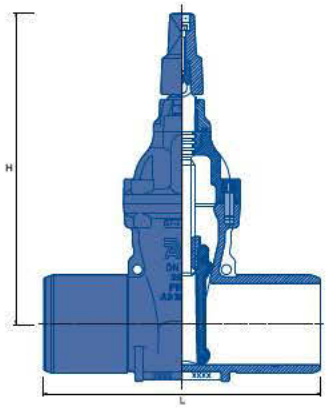
Nominal Size DN (mm)	Anti-Clockwise Closing Valves Base Product Code	Clockwise Closing Valves Base Product Code	Height from centreline of bore (mm)
100	C521.10	C521.10C	380
150	C521.15	C521.15C	485
200	C521.20	C521.20C	595
225	C521.22	C521.22C	595
250	C521.25	C521.25C	680
300	C521.30	C521.30C	755
375	C521.37	C521.37C	905

Resilient Seated Valves – PN16 Series 1 PVC (Socket – Socket)



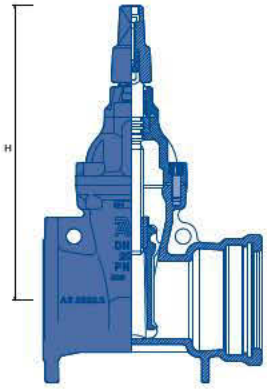
Nominal Size DN (mm)	Anti-Clockwise Closing Valves Base Product Code	Clockwise Closing Valves Base Product Code	Height from centreline of bore (mm)
80	C522.08	C522.08C	350
100	C522.10	C522.10C	380
150	C522.15	C522.15C	485
200	C522.20	C522.20C	595
225	C522.22	C522.22C	595
250	C522.25	C522.25C	680
300	C522.30	C522.30C	755
375	C522.37	C522.37C	905

Resilient Seated Valves – PN16 Series 1 PVC (Spigot – Spigot)



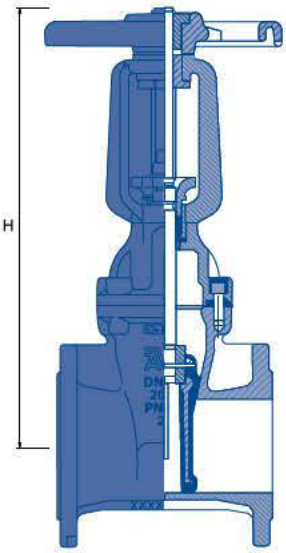
Nominal Size DN (mm)	Anti-Clockwise Closing Valves Base Product Code	Clockwise Closing Valves Base Product Code	Height from centreline of bore (mm)	Length Dim (mm) L
100	C524.10	C524.10C	380	340
150	C524.15	C524.15C	485	380
200	C524.20	C524.20C	595	440

Resilient Seated Valves – PN16 (Socket - Flange)



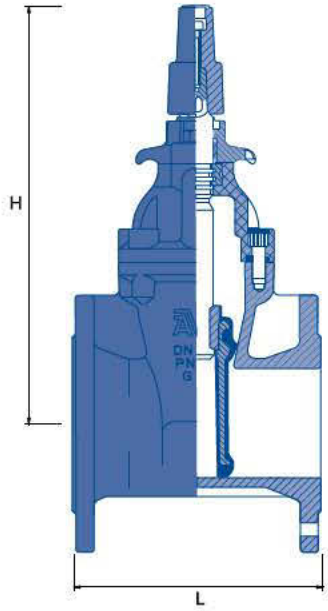
Nominal Size DN (mm)	Anti-Clockwise Closing Valves PN16 Flange Base Product Code	Clockwise Closing Valves PN16 Flange Base Product Code	Height from centreline of bore (mm)
80	C5213.08	C5213.08C	350
100	C5213.10	C5213.10C	380
150	C5213.15	C5213.15C	485

Resilient Seated Gate Valve – OS + Y PN16



Nominal Size DN (mm)	Clockwise Closing Valves Base Product Code	Height from centreline of bore (mm) in close position
100	C5031.10C	420
150	C5031.15C	581

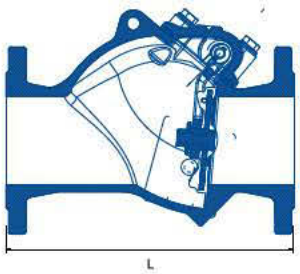
Resilient Seated Valves – PN25 (Flange – Flange)



Nominal Size DN (mm)	Anti-Clockwise Closing Valves Base Product Code	Clockwise Closing Valves Base Product Code	Height from centreline of bore (mm)	Length Dim (mm) L
80	C5231.08	C5231.08C	350	203
100	C5231.10	C5231.10C	380	229
150	C5231.15	C5231.15C	485	267
200	C5231.20	C5231.20C	595	292
250	C5231.25	C5231.25C	680	330
300	C5231.30	C5231.30C	755	356

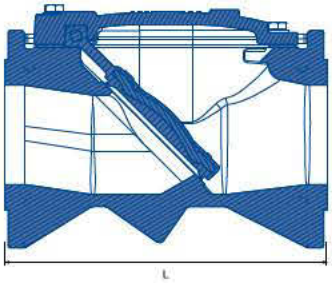
Note: Flanges to AS2129 Table f.

Non Return Valves / Check Valves (Flange – Flange Resilient Seated)



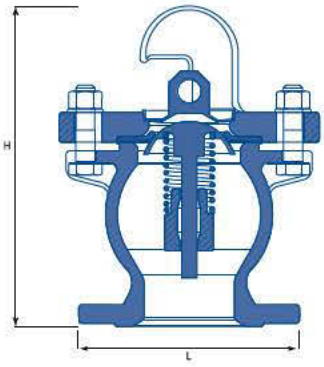
Nominal Size DN (mm)	Non Return Valves PN 16 Flange Base Product Code Free Acting	Non Return Valves PN 16 Flange Base Product Code With Counter Weight	Length Dim. (mm) L
80	C55331.08	C55332.08	260
100	C55331.10	C55332.10C	330
150	C55331.15	C55332.15	410
200	C55331.20	C55332.20	540
250	C55331.25	C55332.25	640
300	C55331.30	C55332.30	700

Non Return Valves / Check Valves (Flange – Flange Resilient Seated - Flexicheck)



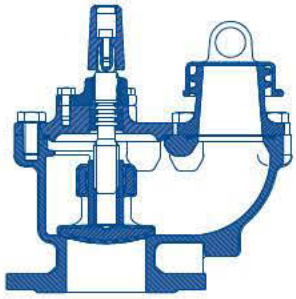
Nominal Size DN (mm)	Non Return Valves	Length Dim. (mm) L
80	C5533.08	260
100	C5533.10	330
150	C5533.15	410
200	C5533.20	540

DN80 Spring Hydrant Valves



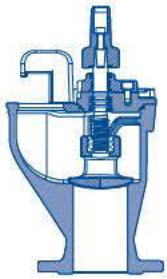
Nominal Valve Size DN (mm)	DN80 Spring Hydrant 316 Stainless Steel Bolting PN 16 Flange Product Code	DN80 SWAB Spring Hydrant 316 Stainless Steel Bolting PN 16 Flange Product Code	Flange	Height Dim. (mm) H
80	C141.08	C141.08SW	80	280

Hydrant Control Valves

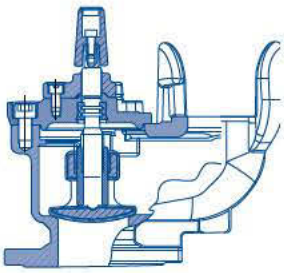


Note: NT Style depicted

Nominal Valve Size DN (mm)	Product Code	Region
80	C1476.08	General ACC
80	C1476.08C	General CC
100	C1476.10	General ACC
100	C1476.10C	General CC
80	C1461.08	NT
80	C145.08C	SA
100	C145.08	WA



Note: SA Style depicted

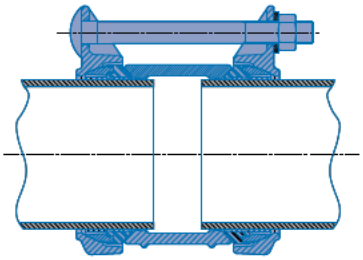


Note: WA Style depicted

Butterfly Valves

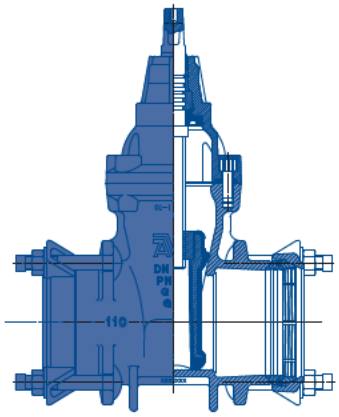
Nominal Size DN (mm)	Butterfly Valves Seal on Body PN 16 Dble Flange Bare Shaft Base Product Code	Butterfly Valves Seal on Body PN 16 Dble Flange With Gear Box Base Product Code	Length Dim. (mm) L
80	C5858.08	C5858.08G	114
100	C5858.10	C5858.10G	127
150	C5858.15	C5858.15G	140
200	C5858.20	C5858.20G	152
250	C5858.25	C5858.25G	165
300	C5858.30	C5858.30G	178
350	C5858.35	C5858.35G	190
400	C5858.40	C5858.40G	216
450	C5858.45	C5858.45G	222
500	C5858.50	C5858.50G	229

Supa Plus - PE Tensile Coupling



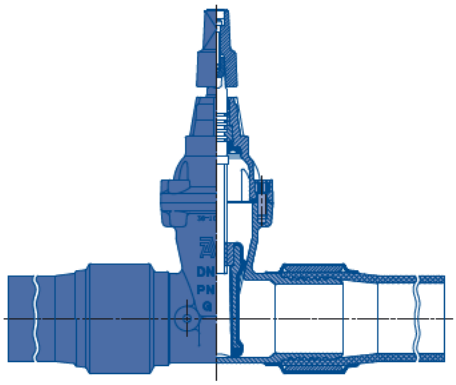
DN (PE)	Product Code	Description 1	Description 2
40	C32621.40PE	40PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
50	C32621.50PE	50PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
63	C32621.63PE	63PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
75	C32621.75PE	75PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
90	C32621.90PE	90PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
110	C32621.110PE	110PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
125	C32621.125PE	125PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
140	C32621.140PE	140PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
160	C32621.160PE	160PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
180	C32621.180PE	180PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
200	C32621.200PE	200PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
225	C32621.225PE	225PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
250	C32621.250PE	250PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
280	C32621.280PE	280PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16
315	C32621.315PE	315PE COUPLING PE TENSILE	FBE SERIES 621/10 PN16

Supa Plus - Resilient Seated Gate Valve comes with Tensile Resistant Ends.



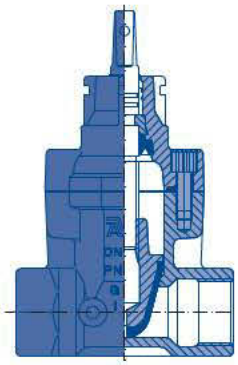
DN (PE)	Product Code	Description 1	Description 2
50	C5261.50PEC	50PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
63	C5261.63PEC	63PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
75	C5261.75PEC	75PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
90	C5261.90PEC	90PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
110	C5261.110PEC	110PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
125	C5261.125PEC	125PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
140	C5261.140PEC	140PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
160	C5261.160PEC	160PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
180	C5261.180PEC	180PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
200	C5261.200PEC	200PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
225	C5261.225PEC	225PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
250	C5261.250PEC	250PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
280	C5261.280PEC	280PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
315	C5261.315PEC	315PE VALVE RS GATE CC	FBE SERIES 01/70 SUPA PLUS PN16
50	C5261.50PE	50PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
63	C5261.63PE	63PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
75	C5261.75PE	75PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
90	C5261.90PE	90PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
110	C5261.110PE	110PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
125	C5261.125PE	125PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
140	C5261.140PE	140PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
160	C5261.160PE	160PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
180	C5261.180PE	180PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
200	C5261.200PE	200PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
225	C5261.225PE	225PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
250	C5261.250PE	250PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
280	C5261.280PE	280PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16
315	C5261.315PE	315PE VALVE RS GATE ACC	FBE SERIES 01/70 SUPA PLUS PN16

Resilient Seated Gate Valves - with PE Ends for Fusion or Butt Welding.



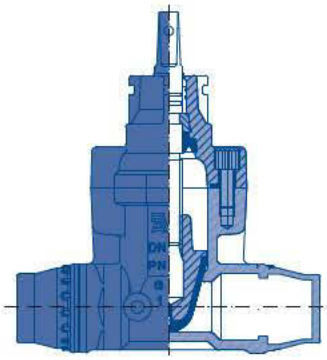
DN (PE)	Product Code	Description 1	Description 2
75	C527.75PEC	75PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
75	C527.75PE	75PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
90	C527.90PEC	90PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
90	C527.90PE	90PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
110	C527.110PEC	110PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
110	C527.110PE	110PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
125	C527.125PEC	125PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
125	C527.125PE	125PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
160	C527.160PEC	160PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
160	C527.160PE	160PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
180	C527.180PEC	180PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
180	C527.180PE	180PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
200	C527.200PEC	200PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
200	C527.200PE	200PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
225	C527.225PEC	225PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
225	C527.225PE	225PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
250	C527.250PEC	250PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
250	C527.250PE	250PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
280	C527.280PEC	280PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
280	C527.280PE	280PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
315	C527.315PEC	315PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
315	C527.315PE	315PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/CAP
75	C527.75PEHC	75PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
75	C527.75PEH	75PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW
90	C527.90PEHC	90PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
90	C527.90PEH	90PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW
110	C527.110PEHC	110PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
110	C527.110PEH	110PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW
140	C527.125PEHC	125PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
140	C527.125PEH	125PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW
160	C527.160PEHC	160PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
160	C527.160PEH	160PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW
180	C527.180PEHC	180PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
180	C527.180PEH	180PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW
200	C527.200PEHC	200PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
200	C527.200PEH	200PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW
225	C527.225PEHC	225PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
225	C527.225PEH	225PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW
250	C527.250PEHC	250PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
250	C527.250PEH	250PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW
280	C527.280PEHC	280PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
280	C527.280PEH	280PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW
315	C527.315PEHC	315PE VALVE RS GATE CC	FBE SERIES 36/80 PE ENDS PN16 W/HW
315	C527.315PEH	315PE VALVE RS GATE ACC	FBE SERIES 36/80 PE ENDS PN16 W/HW

Service Connection Valve PN16 (BSP Female Ends)



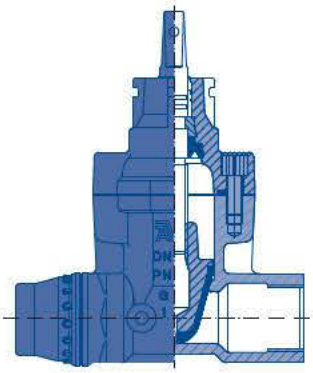
DN (PE)	Product Code	Description 1	Description 2
25	C5180.25C	25BSP VALVE RS SERVICE CON CC	FBE SERIES 03/01 BSP SOC PN16 W/CAP
25	C5180.25	25BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/01 BSP SOC PN16 W/CAP
32	C5180.32C	32BSP VALVE RS SERVICE CON CC	FBE SERIES 03/01 BSP SOC PN16 W/CAP
32	C5180.32	32BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/01 BSP SOC PN16 W/CAP
40	C5180.40C	40BSP VALVE RS SERVICE CON CC	FBE SERIES 03/01 BSP SOC PN16 W/CAP
40	C5180.40	40BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/01 BSP SOC PN16 W/CAP
50	C5180.50C	50BSP VALVE RS SERVICE CON CC	FBE SERIES 03/01 BSP SOC PN16 W/CAP
50	C5180.50	50BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/01 BSP SOC PN16 W/CAP
20	C5180.20HC	20BSP VALVE RS SERVICE CON CC	FBE SERIES 03/02 BSP SOC PN16 W/HW
20	C5180.20H	20BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/02 BSP SOC PN16 W/HW
25	C5180.25HC	25BSP VALVE RS SERVICE CON CC	FBE SERIES 03/02 BSP SOC PN16 W/HW
25	C5180.25H	25BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/02 BSP SOC PN16 W/HW
32	C5180.32HC	32BSP VALVE RS SERVICE CON CC	FBE SERIES 03/02 BSP SOC PN16 W/HW
32	C5180.32H	32BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/02 BSP SOC PN16 W/HW
40	C5180.40HC	40BSP VALVE RS SERVICE CON CC	FBE SERIES 03/02 BSP SOC PN16 W/HW
40	C5180.40H	40BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/02 BSP SOC PN16 W/HW
50	C5180.50HC	50BSP VALVE RS SERVICE CON CC	FBE SERIES 03/02 BSP SOC PN16 W/HW
50	C5180.50H	50BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/02 BSP SOC PN16 W/HW

Service Connection Valve PN16 (PE Push-Fit Ends)



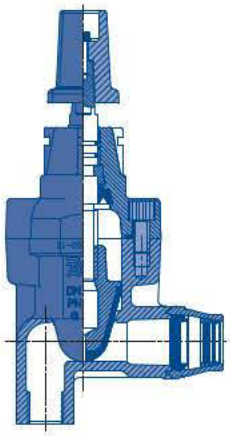
DN (PE)	Product Code	Description 1	Description 2
25	C5181.25PEC	25PE VALVE RS SERVICE CON CC	FBE SERIES 03/31 PE SOC PN16 W/CAP
25	C5181.25PE	25PE VALVE RS SERVICE CON ACC	FBE SERIES 03/31 PE SOC PN16 W/CAP
32	C5181.32PEC	32PE VALVE RS SERVICE CON CC	FBE SERIES 03/31 PE SOC PN16 W/CAP
32	C5181.32PE	32PE VALVE RS SERVICE CON ACC	FBE SERIES 03/31 PE SOC PN16 W/CAP
40	C5181.40PEC	40PE VALVE RS SERVICE CON CC	FBE SERIES 03/31 PE SOC PN16 W/CAP
40	C5181.40PE	40PE VALVE RS SERVICE CON ACC	FBE SERIES 03/31 PE SOC PN16 W/CAP
50	C5181.50PEC	50PE VALVE RS SERVICE CON CC	FBE SERIES 03/31 PE SOC PN16 W/CAP
50	C5181.50PE	50PE VALVE RS SERVICE CON ACC	FBE SERIES 03/31 PE SOC PN16 W/CAP
63	C5181.63PEC	63PE VALVE RS SERVICE CON CC	FBE SERIES 03/31 PE SOC PN16 W/CAP
63	C5181.63PE	63PE VALVE RS SERVICE CON ACC	FBE SERIES 03/31 PE SOC PN16 W/CAP
25	C5181.25PEHC	25PE VALVE RS SERVICE CON CC	FBE SERIES 03/32 PE SOC PN16 W/HW
25	C5181.25PEH	25PE VALVE RS SERVICE CON ACC	FBE SERIES 03/32 PE SOC PN16 W/HW
32	C5181.32PEHC	32PE VALVE RS SERVICE CON CC	FBE SERIES 03/32 PE SOC PN16 W/HW
32	C5181.32PEH	32PE VALVE RS SERVICE CON ACC	FBE SERIES 03/32 PE SOC PN16 W/HW
40	C5181.40PEHC	40PE VALVE RS SERVICE CON CC	FBE SERIES 03/32 PE SOC PN16 W/HW
40	C5181.40PEH	40PE VALVE RS SERVICE CON ACC	FBE SERIES 03/32 PE SOC PN16 W/HW
50	C5181.50PEHC	50PE VALVE RS SERVICE CON CC	FBE SERIES 03/32 PE SOC PN16 W/HW
50	C5181.50PEH	50PE VALVE RS SERVICE CON ACC	FBE SERIES 03/32 PE SOC PN16 W/HW
63	C5181.63PEHC	63PE VALVE RS SERVICE CON CC	FBE SERIES 03/32 PE SOC PN16 W/HW
63	C5181.63PEH	63PE VALVE RS SERVICE CON ACC	FBE SERIES 03/32 PE SOC PN16 W/HW

Service Connection Valve PN16 (PE Push-Fit x BSP Socket)



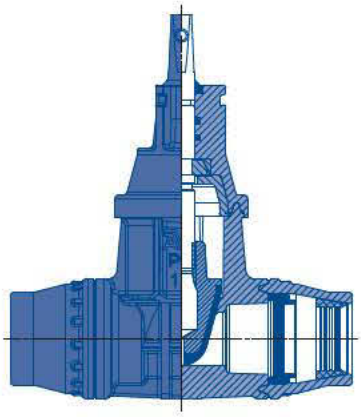
DN (PE)	Product Code	Description 1	Description 2
63	C5182.63PEC	63PE-50BSP VALVE RS SERVICE CON CC	FBE SERIES 03/40 PE-BSP SOC PN16 W/CAP
63	C5182.63PE	63PE-50BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/40 PE-BSP SOC PN16 W/CAP
63	C5182.63PEHC	63PE-50BSP VALVE RS SERVICE CON CC	FBE SERIES 03/40 PE-BSP SOC PN16 W/HW
63	C5182.63PEH	63PE-50BSP VALVE RS SERVICE CON ACC	FBE SERIES 03/40 PE-BSP SOC PN16 W/HW

Service Connection Valve PN16 (Right Angle PE Push-Fit x BSP Socket)



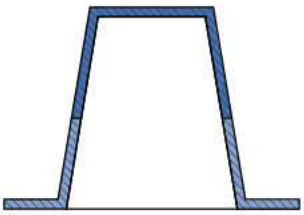
DN (PE)	Product Code	Description 1	Description 2
63	C5184.63PEC	63PE-50BSP R/ANGLE VALVE RS SERVICE CON CC	FBE SERIES 11/32 PE-BSP SOC PN16 W/CAP
63	C5184.63PEHC	63PE-50BSP R/ANGLE VALVE RS SERVICE CON CC	FBE SERIES 11/34 PE-BSP SOC PN16 W/HW

Service Connection Valve PN16 (PE - Push-Fit Ends(POM))



DN (PE)	Product Code	Description 1	Description 2
50	C5184.50PEC	50PE VALVE RS SERVICE CON POM CC	FBE SERIES 61/51 PE SOC PN16 W/CAP
50	C5184.50PEHC	50PE VALVE RS SERVICE CON POM CC	FBE SERIES 61/51 PE SOC PN16 W/HW
63	C5184.63PEC	63PE VALVE RS SERVICE CON POM CC	FBE SERIES 61/52 PE SOC PN16 W/CAP
63	C5184.63PEHC	63PE VALVE RS SERVICE CON POM CC	FBE SERIES 61/52 PE SOC PN16 W/HW

Valve Covers – Gate "Sluice"



Product Code	Gate/Sluice Valve Covers Region
C9724.01	CI COVER WA (Traffic areas only)
C9724.02	SURROUND WA (Traffic areas only)
C9725.01	NT
C24.56081	SA

Note: Other state specific covers available. Contact your nearest branch for details

Valve Covers – Hydrant

Product Code	Hydrant Valve Covers Region
C9711.01	NSW
C9714.01	WA (Traffic areas only)
C9714.02	WA (Traffic areas only)
C9715.01	NT
C24.56801	SA
C9714.HYDASSY	WA HYDRANT COVER + FRAME

Note: Other state specific covers available. Contact your nearest branch for details

Valve Extension Spindles

Nominal Valve Size DN (mm)	Product Code	Extension Length (mm)
80 - 500	C591.0150	150
80 - 500	C591.0225	225
80 - 500	C591.0300	300
80 - 500	C591.0300 WA	300
80 - 500	C591.0375	375
80 - 500	C591.0375 WA	375
80 - 500	C591.0450	450
80 - 500	C591.0450 WA	450
80 - 500	C591.0525	525
80 - 500	C591.0600	600
80 - 500	C591.0665	665
80 - 500	C591.0750	750
80 - 500	C591.0900	900
80 - 500	C591.1000	1000
80 - 500	C591.1200	1200

Note: Other valve extention spindles and valve keys available. Contact your nearest branch for details

Hand Wheels

Nominal Valve Size DN (mm)	Product Code Anti Clockwise ACC Closing	Product Code Clockwise CC Closing
80 - 100	C5921.0810	C5921.0810C
150	C5921.15	C5921.15C
200	C5921.20	C5921.20C
225 – 300	C5921.2230	C5921.2230C
375 - 400	C5921.3740	C5921.3740C

Repair Clamps - AS 4181 - PN16*

Size Range - DN50 - DN750

Crevet Repair Clamps provide a quick and permanent solution for the repair of pressure and non-pressure pipes. The total range of clamps are manufactured from 316 stainless steel making them ideally suited for above and below ground repairs and in areas where harsh conditions prevail. The clamps are designed to wrap around the affected pipe, making removal of the damaged section unnecessary.

Sealing gasket is available standard in Nitrile Rubber complying with AS1646 for use in the gas and water industry.

Refer to Table 1 for recommended clamp length.

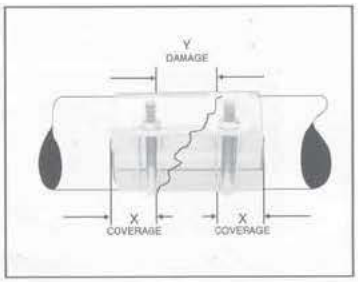


Table 1

Pipe Nom. Dia	Coverage X
80-100mm	50mm
150-200mm	80mm
225-300mm	100mm
375-600mm	150mm

Y+2X=recommended clamp length e.g. 100mm dia. pipe with a split 50mm long | 50mm +2 (50) = 150mm min. clamp width

Tapping Clamps - AS 4181 - PN16*

Size Range: **DN65^ - DN750**
Tapping sizes: **20mm, 25mm, 32mm, 40mm, 50mm, 65mm, 80mm & 100mm BSP.**

Crevet tapping clamps are specifically designed to suit all pipe types. The wide band provides pipe support ensuring even distribution of clamp pressure, which is advantageous for use on non-metallic pipe. Refer to installation instructions for additional information.

Tapped Clamps proide a convienient method of taking a branch off existing pressure mains such as water services and irrigation lines. Tapped Offtake eliminate the need to cut out a section of the mains and insert a tee. They provide a cost effective alternative to cutting the branch in under pressure systems, avoiding the need to shut down service.

^ DN65 - DN80 - MAX BSP Outlet is DN50.

Flange Offtake Clamps - AS 4181 - PN16*

Size Range DN (mm)	Flange Size (mm)						
80 - 150	80	100	150	-	-	-	-
200	80	100	150	200	-	-	-
225	80	100	150	200	225	-	-
250	80	100	150	200	225	250	-
300 - 600	80	100	150	200	225	250	300

Note: Standard Flanges to AS4087 figure B7 PN16 compatible with AS2129 Table D. Other flanges available on request.

Crevet Flange Offtake clamps provide a convenient method of taking a branch off existing pressure mains, such as watermains, sewer rising mains and irrigation mainlines. Flange Offtakes eliminate the need to cut out a section of the mains and insert a tee. They provide a cost-effective alternative for cutting the branch in under pressure on large diameter mains, avoiding the need to shut down the service.

Flanges are available in all standard diameters and common branch sizes. Other configurations are available on request.

Installation instructions

These clamps should be installed as per repair clamps ensuring that the clamp is positioned correctly for flange outlet. It is most important that any valve or assembly attached to the tapping/flange off-take is fully supported and aligned so as not to apply stress to the clamp. Refer Installation instruction for additional information.

Under Pressure Tappings

Under pressure tappings requires a special tapping machine and a trained operator to perform this task. We advise that you ring your nearest Crevet Pipelines branch for further details.

* For Clamps larger than DN450, check with your Crevet Pipelines outlet for Allowable operating pressures.

Installation Instructions

Selection Of Correct Clamp

It is important that the correct clamp be selected for the repair. The size range and clamp are crucial when selecting the appropriate repair clamp. For further refer to the Stainless Steel Clamp Tables.

Clamp coverage over each end of the damaged section needs to be considered. Refer section on selecting the correct clamp.

The condition of the damaged pipe is critical to making a good repair. The pipe surface must be clean and free of dirt, grit and rust and as smooth as possible. If the pipe surface is badly pitted or uneven it will require extra preparation.

Installing

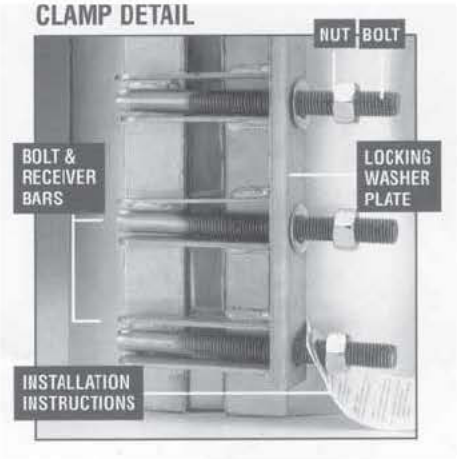
Step 1 All nuts on the clamp to be fully loosened but do not remove from the threaded stud. Slide the washer plate back to the nuts and open clamp.

Step 2 Lubricate the rubber mat well with an approved pipe lubricant.

Step 3 Position the clamp centrally over the damaged area and ensure that no foreign matter has contaminated the mating surfaces.

Step 4 Wrap the clamp around the pipe and lock into position with the washer plate. Spin the nuts down making sure the clamp has not moved from the desired position on the damaged pipe.

Step 5 Tighten the nuts down to the recommended torque of 100Nm.



Repair & Tapping Clamps

	Product Code Repair	Product Code Tapped ** = Tapping Size eg. DN100 x 20mm tapping = C3705.120T20	Series 1 White	Series 2 Blue PVC	Hobas	DICL	Steel	AC	Typical Clamp Range (mm)	Common Clamp Lengths (mm) Repair & Tapped Clamps
50	C3701.05915	-	×						59-64	150
65	C3701.06915	-							69-74	150
65	*C3701.07515	C3705.07515T**	×				×		75-80	150
80	C3701.07915	-							79-84	150
80	*C3701.08815	C3705.08820T**	×				×	×	88-95	150
80	*C3701.09515	C3705.09520T**		×	×	×		×	95-105	150
100	C3701.11020	C3705.11020T**	×				×		110-120	200
100	C3701.12020	C3705.12020T**		×	×	×		×	120-130	200
125	C3701.13020	C3705.13020T**	×				×		130-140	200
125	C3701.14020	C3705.14020T**	×						140-150	200
150	C3701.15020	C3705.15020T**	×						150-160	200
150	C3701.16020	C3705.16020T**	×				×		160-170	200
150	C3701.17520	C3705.17520T**		×	×	×		×	175-185	200
175	C3701.19020	C3705.19020T**	×						190-200	200
200	C3701.20020	C3705.20020T**	×						200-210	200
200	C3701.21020	C3705.21020T**					×		210-220	200
200	C3701.21520	C3705.21520T**	×						215-225	200
200	C3701.22520	C3705.22520T**		×	×	×		×	225-235	200
225	C3701.24530	C3705.24530T**	×						245-255	300
225	C3701.25530	C3705.25530T**		×	×	×		×	255-265	300
250	C3701.27030	C3705.27030T**	×				×		270-280	300
250	C3701.28530	C3705.28530T**		×	×	×		×	285-295	300
300	C3702.31040	C3705.31040T**	×				×		310-330	400
300	C3702.33040	C3705.33040T**		×	×	×		×	330-350	400
350	C3702.36040	C3705.36040T**							360-380	400
375	C3702.38540	C3705.38540T**	×						385-405	400
375	C3702.41040	C3705.41040T**		×	×	×		×	410-430	400
400	C3702.44040	C3705.44040T**	×		×				440-460	400
450	C3702.46040	C3705.46040T**						×	460-480	400
450	C3702.49040	C3705.49040T**		×	×	×		×	490-520	400
500	C3702.53040	C3705.53040T**							530-560	400
500	C3702.56040	C3705.56040T**		×	×	×		×	560-590	400
525	C3702.57040	C3705.57040T**			×			×	570-600	400

Note: Other Sizes available on request

*** MAX BSP = 50mm.**

Flanged Clamps

DN (mm)	Product Code Flanged	Clamp Range (mm)	Clamp Width (mm)
80	C3707.09540F08	95-102	400
100	C3707.11040F08	110-115	400
100	C3707.11040F10	110-115	400
100	C3707.12040F08	120-125	400
100	C3707.12040F10	120-125	400
150	C3707.16040F08	160-170	400
150	C3707.16040F10	160-170	400
150	C3707.16040F15	160-170	400
150	C3707.17540F08	175-185	400
150	C3707.17540F10	175-185	400
150	C3707.17540F15	175-185	400
175	C3706.19040F08	190-200	400
175	C3706.19040F10	190-200	400
175	C3706.19040F15	190-200	400
200	C3706.20040F08	200-210	400
200	C3706.20040F10	200-210	400
200	C3706.20040F15	200-210	400
200	C3706.21040F08	210-220	400
200	C3706.21040F10	210-220	400
200	C3706.21040F15	210-220	400
200	C3706.21540F08	215-230	400
200	C3706.21540F10	215-230	400
200	C3706.21540F15	215-230	400
200	C3706.23040F08	230-245	400
200	C3706.23040F10	230-245	400
200	C3706.23040F15	230-245	400
200	C3706.23060F20	230-240	600
225	C3706.25040F08	250-265	400
225	C3706.25040F10	250-265	400
225	C3706.25040F15	250-265	400
225	C3706.25060F20	250-260	600
225	C3706.25060F22	250-260	600
250	C3706.27540F08	275-290	400
250	C3706.27540F10	275-290	400
250	C3706.27540F15	275-290	400
250	C3706.27560F20	275-285	600
250	C3706.27560F22	275-285	600
250	C3706.28540F08	285-300	400
250	C3706.28540F10	285-300	400
250	C3706.28540F15	285-300	400
250	C3706.28560F20	285-295	600
250	C3706.28560F22	285-295	600
250	C3706.28560F25	310-325	400
300	C3706.31040F08	310-325	400
300	C3706.31040F10	310-325	400
300	C3706.31040F15	310-325	600
300	C3706.31060F20	310-320	600
300	C3706.31060F22	310-320	600

Flanged Clamps

DN (mm)	Product Code Flanged	Clamp Range (mm)	Clamp Width (mm)
300	C3706.31060F25	310-320	600
300	C3706.33040F08	330-350	600
300	C3706.33040F10	330-350	400
300	C3706.33040F15	330-350	400
300	C3706.33060F20	330-340	600
300	C3706.33060F22	330-340	600
300	C3706.33060F25	330-340	600
300	C3706.34060F20	340-350	600
300	C3706.34060F22	340-350	600
300	C3706.34060F25	340-350	600
300	C3706.34060F30	340-350	600
375	C3706.38540F08	385-405	400
375	C3706.38540F10	385-405	400
375	C3706.38540F15	385-405	400
375	C3706.40040F08	400-420	400
375	C3706.40040F10	400-420	400
375	C3706.40040F15	400-420	400
375	C3706.40060F20	400-410	600
375	C3706.40060F22	400-410	600
375	C3706.40060F25	400-410	600
375	C3706.40060F30	400-410	600
375	C3706.41040F08	420-430	600
375	C3706.41040F10	420-430	600
375	C3706.41040F15	420-430	600
375	C3706.41060F20	420-430	600
375	C3706.41060F22	400-420	400
375	C3706.41060F25	400-420	400
375	C3706.41060F30	400-420	400
375	C3706.42060F20	400-410	600
375	C3706.42060F22	400-410	600
375	C3706.42060F25	400-410	600
375	C3706.42060F30	400-410	600
400	C3706.44040F08	440-460	400
400	C3706.44040F10	440-460	400
400	C3706.44040F15	440-460	400
400	C3706.44060F20	440-450	600
400	C3706.44060F22	440-450	600
400	C3706.44060F25	440-450	600
400	C3706.44060F30	440-450	600
450	C3706.49040F08	490-510	400
450	C3706.49040F10	490-510	400
450	C3706.49040F15	490-510	400
450	C3706.49060F20	490-510	600
450	C3706.49060F22	490-510	600
450	C3706.49060F25	490-510	600
450	C3706.49060F30	490-510	600

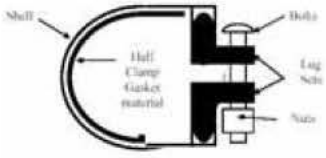
Note: Larger sizes available on request

Repair (Gal & Copper)

For repair of pinholes and punctures in Galvanised or copper pipe.

Half Clamp – Gal Pipe

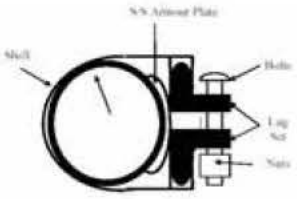
DN Nominal (mm)	Product Code	Length (mm)	Typical Clamp OD (mm)	Suits
15	GM5308403	75	21.3	Gal Pipe
15	GM5308406	150	21.3	Gal Pipe
20	GM5310503	75	26.7	Gal Pipe
20	GM5310506	150	26.7	Gal Pipe
25	GM5313203	75	33.4	Gal Pipe
25	GM5313206	150	33.4	Gal Pipe
32	GM5316003	75	42.2	Gal Pipe
32	GM5316006	150	42.2	Gal Pipe
40	GM5319003	75	48.3	Gal Pipe
40	GM5319006	150	48.3	Gal Pipe
50	GM5323803	75	60.3	Gal Pipe
50	GM5323806	150	60.3	Gal Pipe
65	GM5330003	75	76	Gal Pipe
65	GM530006	150	76	Gal Pipe
80	GM5335003	75	89	Gal Pipe
80	GM5335006	150	89	Gal Pipe
100	GM5345003	75	114	Gal Pipe
100	GM5345006	150	114	Gal Pipe
150	GM5366003	75	160	Gal Pipe
150	GM5366006	150	160	Gal Pipe



Note: Stanless Steel Skin only.

Full Wrap Clamps – Copper/Gal pipe

DN Nominal (mm)	Product Code	Length (mm)	Typical Clamp OD (mm)	Suits
15	GM54D0153	75	12.7	Copper
15	GM54D0156	150	12.7	Copper
15	GM54G0153	75	21.3	Gal
15	GM54G0156	150	21.3	Gal
20	GM54D0203	75	19.05	Copper
20	GM54D0206	150	19.05	Copper
20	GM54G0203	75	26.7	Gal
20	GM54G0206	150	26.7	Gal
25	GM54D0253	75	25.4	Copper
25	GM54D0256	150	25.4	Copper
25	GM54G0253	75	33.4	Gal
25	GM54G0256	150	33.4	Gal
32	GM54D0323	75	31.75	Copper
32	GM54D0326	150	31.75	Copper
32	GM54G0323	75	42.2	Gal
32	GM54G0326	150	42.2	Gal
40	GM54D0403	75	38.1	Copper
40	GM54D0406	150	38.1	Copper



Note: Stanless Steel Skin only.

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