



CHARLOTTE
PIPE AND FOUNDRY COMPANY

 **Polypipe**

UPVC Information	42
Pipe	43
Schedule 80 Fittings	44
Couplings	44
Elbows	44
Tees	45
Flanges	46
Bushes	47
Threaded Adaptors	48
Unions	48
Caps	48
British Standard Fittings	49
Couplings	49
Elbows	49
Bends	49
Tees	49
Flanges	50
Bushes	50
Threaded Adaptors	51
Unions	52
Caps	52
Plugs	52
Hose Connectors	53
Tank Adaptors	53
Solvent Cement & Primer	53

Size Range

0.5 – 16 inch

Pressure Rating

Up to 16 bar
(1600 kpa)

Operating

Temperature

0 – 60°C

Joining Technology

Solvent cement

UPVC Introduction

Unplasticised Polyvinyl Chloride (UPVC) is a plastic piping system material suitable for use within many areas of water treatment, chemical processing, food and beverage, and similar industries / processes.

For more information, contact a member of our technical sales team at: info@fusionaus.com.

Standards Compliance

- + ASTM D 1784: Rigid Vinyl Compounds
- + ASTM D 1785: PVC Plastic Pipe, Schedule 80
- + ASTM D 2464 or ASTM D 2467: PVC Threaded Fittings, Schedule 80
- + ASTM D 2467: PVC Socket Fittings, Schedule 80
- + NSF Standard 14: Plastic Piping Components & Related Materials
- + NSF Standard 61: Drinking Water System Components–Health Effects

Prior Usage Applications

- + A chlor-alkali plant construction in Brisbane, Queensland.
- + A chemical processing plant in Perth, Western Australia.
- + Many mine site projects throughout the Pilbara Region in Western Australia.
- + Multiple water authority plants throughout Western Australia, Queensland and South Australia.
- + Many containerised water treatment plants in Western Australia, Queensland and Papua New Guinea.

Benefits of UPVC

- + Excellent chemical resistance to many acids, alkalis, bases and salts.
- + Wide temperature rating of 0 - 60°C.
- + UV resistant / stabilised.
- + High pressure rating.
- + Free from toxicity, odours and tastes
- + Conforms to NSF International Standard 61.
- + Highly resilient, tough and durable with high tensile and impact strength.
- + Light in weight; making it easy to handle
 - reducing the cost of transportation and installation.
- + Easy to install with cleaner / glue.
- + Great corrosion resistance; doesn't scale, pit or rust.
- + Smooth walls provide a high consistent flow rate.
- + Lower thermal conductivity factor than metal.

CHARLOTTE PIPE AND FOUNDRY COMPANY

Manufacturer Backed 5 Year Warranty

Charlotte UPVC pipe and fittings come with a standard 5 year manufacturer backed warranty. For more than 100 years, Charlotte has demonstrated a genuine commitment to system design and quality, enabling them to confidently offer one of the most comprehensive product warranties in the market.

Charlotte UPVC Schedule 80 Fitting Pressure Ratings

Size	Pressure Rating (bar) @ 23°C						Pressure Rating (bar) @ 60°C					
	Pipe	Socket Fittings	Threaded Fittings	Unions Flanges	Unions (socket)	Unions (Threaded)	Pipe	Socket Fittings	Threaded Fittings	Unions Flanges	Unions (Socket)	Unions (Threaded)
0.5"	58.6	35.1	29.3	10.3	16.2	16.2	12.8	7.7	6.4	2.2	3.5	3.5
0.75"	47.5	28.5	23.7	10.3	16.2	16.2	10.4	6.2	5.2	2.2	3.5	3.5
1"	43.4	26.0	21.7	10.3	16.2	16.2	9.5	5.7	4.7	2.2	3.5	3.5
1.25"	35.8	21.5	17.9	10.3	16.2	16.2	7.8	4.7	3.9	2.2	3.5	3.5
1.5"	32.4	19.4	16.2	10.3	16.2	16.2	7.1	4.2	3.5	2.2	3.5	3.5
2"	27.5	16.5	13.7	10.3	16.2	13.7	6.0	3.6	3.0	2.2	3.5	3.0
2.5"	28.9	17.3	14.4	10.3	-	-	6.3	3.7	3.1	2.2	-	-
3"	25.5	15.3	12.7	10.3	16.2	12.7	5.5	3.3	2.8	2.2	3.5	2.8
4"	22.0	13.2	11.0	10.3	-	-	4.8	2.8	2.4	2.2	-	-
6"	19.9	11.9	9.9	-	-	-	4.4	2.6	2.2	-	-	-
8"	19.3	11.5	9.6	10.3	-	-	4.2	2.5	2.1	2.2	-	-
10"	17.2	10.3	8.6	10.3	-	-	3.7	2.2	1.9	2.2	-	-
12"	15.8	9.5	7.9	10.3	-	-	3.5	2.0	1.7	2.2	-	-
14"	15.8	9.5	7.9	10.3	-	-	3.5	2.0	1.7	2.2	-	-
16"	15.1	9.1	7.5	-	-	-	3.3	1.9	1.6	-	-	-

- + Data has been converted from PSI to bar and fahrenheit to celsius from Charlotte Pipe Co data. Fusion is not responsible for the accuracy of this data. Please refer to the manufacturer's technical manual at charlottepipe.com for more comprehensive information.
- + Do not exceed the maximum working pressure of any system components including pipe, fittings, valves, molded or cut threads, unions, mechanical coupling or flanges.
- + The pressure rating of all components must be reduced at temperatures above 23°C. Refer to de-rating table available from charlottepipe.com.
- + Exceeding the maximum working temperature or pressure of the system may result in system failure and property damage.

What is Schedule 80?

A pipe's "Schedule" is a reference to its wall thickness. The higher the schedule number, the thicker the wall becomes.

Why choose Schedule 80?

Schedule 80's thick wall provides for increased pressure loads and more suitability to harsher environments, making it commonly used in heavy duty commercial or industrial applications.

Primary UPVC Benefits

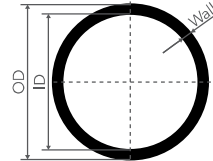
- + Excellent chemical resistance to many acids, alkalis, bases and salts.
- + UV resistant / stabilised.
- + Wide temperature rating: 0 - 60°C
- + High pressure rating: Up to 16 bar

Schedule 80 Pipe 1.1.1

5.8m Length

Charlotte Pipe Co

Code	Size	ID	OD	Wall	PN*	
					23°C	60°C
● 800050PG2C	0.5"	13.9	21.3	3.7	58.6	12.8
● 800075PG2C	0.75"	18.9	26.7	3.9	47.5	10.4
● 800100PG2C	1"	24.4	33.4	4.5	43.4	9.5
● 800125PG2C	1.25"	32.6	42.2	4.8	35.8	7.8
● 800150PG2C	1.5"	38.3	48.3	5	32.4	7.1
● 800200PG2C	2"	49.3	60.3	5.5	27.5	6.0
● 800250PG2C	2.5"	59	73	7	28.9	6.3
● 800300PG2C	3"	73.7	88.9	7.6	25.5	5.5
● 800400PG2C	4"	97.3	114.3	8.5	22.0	4.8
● 800600PG2C	6"	146.5	168.3	10.9	19.9	4.4
● 800800PG2C	8"	193.6	219	12.7	19.3	4.2
◎ 801000PG2C	10"	242.9	273.1	15.1	17.2	3.7
◎ 801200PG2C	12"	289.1	323.9	17.4	15.8	3.5
◎ 801400PG2C	14"	317.4	355.6	19.1	15.8	3.5
◎ 801600PG2C	16"	363.6	406.4	21.4	15.1	3.3



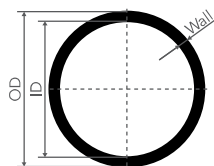
- + *PN measured in bar
- + Pressure and temperature data has been converted from PSI to bar and fahrenheit to celsius from Charlotte Pipe Co.'s USA-based data. Please refer to the manufacturer's technical manual at charlottepipe.com for more comprehensive information.
- + Do not exceed the maximum working pressure of any system components including pipe, fittings, valves, molded or cut threads, unions, mechanical coupling or flanges.



- + The pressure rating of all components must be reduced at temperatures above 23°C. Refer to de-rating table available from charlottepipe.com.
- + Exceeding the maximum working temperature or pressure of the system may result in system failure and property damage.

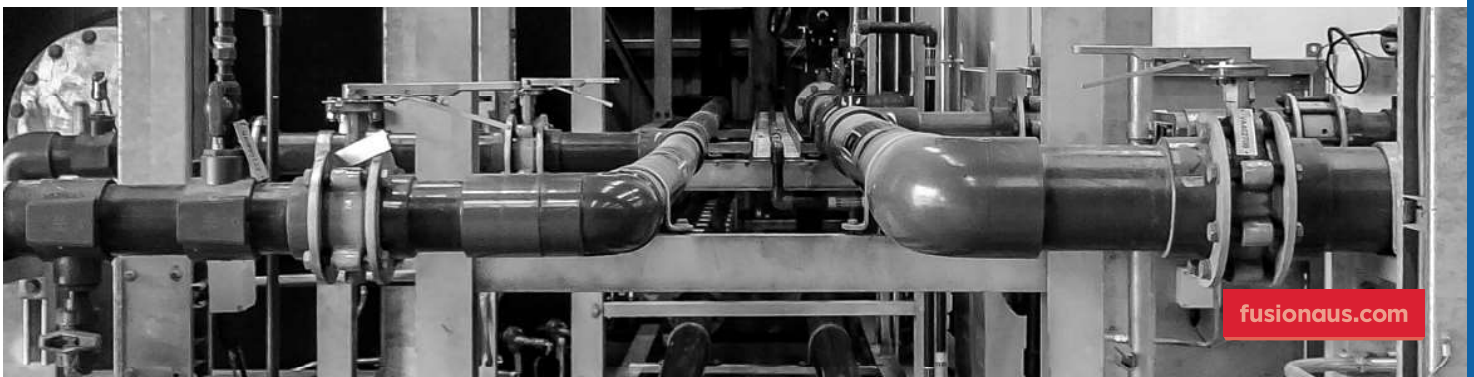
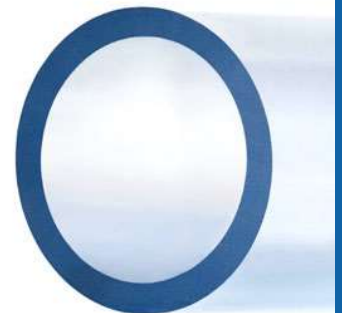
Schedule 40 Clear Pipe 1.1.2

Standard Length 3m



Code	Size	ID	OD	Wall	PN*
● 200060180	0.5"	15.3	21.4	2.8	21.2
● 200060181	0.75"	20.5	26.7	2.9	16.9
● 200060182	1"	26.2	33.5	3.4	15.5
● 200060183	1.25"	34.6	42.2	3.6	12.7
● 200060184	1.5"	40.4	48.3	3.7	12
● 200060185	2"	52	60.4	4	9.9
● 200060187	3"	77.3	88.9	5.5	9.2
● 200060188	4"	101.6	114.3	6.1	7.7
◎ 200060189	6"	153.2	168.3	7.2	7

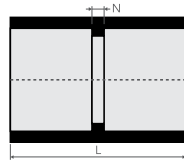
- + *PN measured in bar at service temperature of 23°C



Schedule 80 Fittings

Couplings

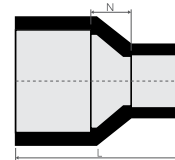
Charlotte Pipe Co



Equal Sockets 1.2.1

Code	Size	L	N
● 829005C	0.5"	50	4
● 829007C	0.75"	56	4
● 829010C	1"	62	4
● 829012C	1.25"	69	4
● 829015C	1.5"	75	4
● 829020C	2"	81	4
● 829025C	2.5"	96	5
● 829030C	3"	102	5
● 829040C	4"	121	5
● 829060C	6"	160	7
● 829080C	8"	210	7
◎ 829100	10"	-	-

+ Larger sizes are available upon request.



Reducing Sockets 1.2.2

Code	Size	L	N
● 829101C	0.75" x 0.5"	56	7
● 829130C	1" x 0.5"	61	8
● 829131C	1" x 0.75"	62	7
● 829168C	1.25" x 1"	70	8
● 829211C	1.5" x 1"	74	8
● 829212C	1.5" x 1.25"	75	7
● 829249C	2" x 1"	89	10
● 829251C	2" x 1.5"	81	23
● 829338C	3" x 2"	105	20
● 829420C	4" x 2"	131	34
● 829422C	4" x 3"	131	34
● 829532C	6" x 4"	169	35
● 829585	8" x 6"	-	-

Elbows

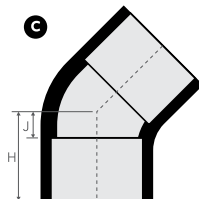
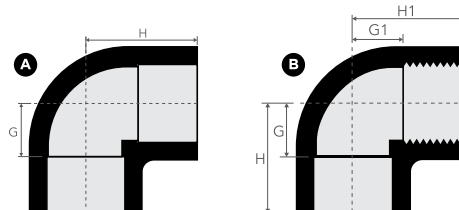
Charlotte Pipe Co



+ Larger sizes are available upon request.

90° - Sockets 1.2.3

Code	Size	H	G
● 806005C	0.5"	38	16
● 806007C	0.75"	43	18
● 806010C	1"	51	22
● 806012C	1.25"	58	25
● 806015C	1.5"	62	27
● 806020C	2"	73	34
● 806025C	2.5"	88	43
● 806030C	3"	96	47
● 806040C	4"	120	62
● 806060C	6"	170	94
● 806080C	8"	219	117
◎ 806100	10"	-	-



90° - Socket x F-NPT 1.2.4

Code	Size	H	G	H1	G1
● 807005C	0.5"	35	13	36	18
● 807007C	0.75"	43	16	42	21
● 807010C	1"	47	19	46	22
● 807012C	1.25"	58	32	51	26
● 807015C	1.5"	61	26	54	27
● 807020C	2"	70	51	62	37

45° - Sockets 1.2.5

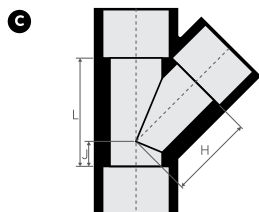
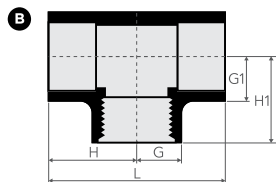
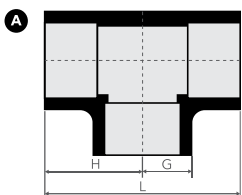
Code	Size	H	J
● 817005C	0.5"	30	7
● 817007C	0.75"	35	8
● 817010C	1"	38	8
● 817012C	1.25"	43	11
● 817015C	1.5"	48	13
● 817020C	2"	55	17
● 817025C	2.5"	64	19
● 817030C	3"	69	20
● 817040C	4"	91	33
● 817060C	6"	127	51
● 817080C	8"	159	58
◎ 817100	10"	-	-

Tees

Charlotte Pipe Co



+ Larger sizes in socket x socket are available upon request.



90° - Sockets 1.2.6

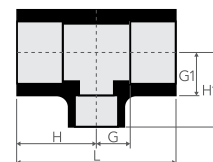
Code	Size	L	H	G
● 801005C	0.5"	75	38	16
● 801007C	0.75"	88	44	18
● 801010C	1"	102	51	22
● 801012C	1.25"	116	58	26
● 801015C	1.5"	124	62	27
● 801020C	2"	147	74	34
● 801025C	2.5"	177	89	43
● 801030C	3"	191	96	47
● 801040C	4"	239	120	62
● 801060C	6"	359	180	103
● 801080C	8"	447	224	121
◎ 801100	10"	-	-	-

90° - Socket Line x F-NPT 1.2.7

Code	Size	L	H	G	H1	G1
● 802005C	0.5"	72	36	14	35	16
● 802007C	0.75"	81	43	17	39	20
● 802010C	1"	94	47	19	47	21

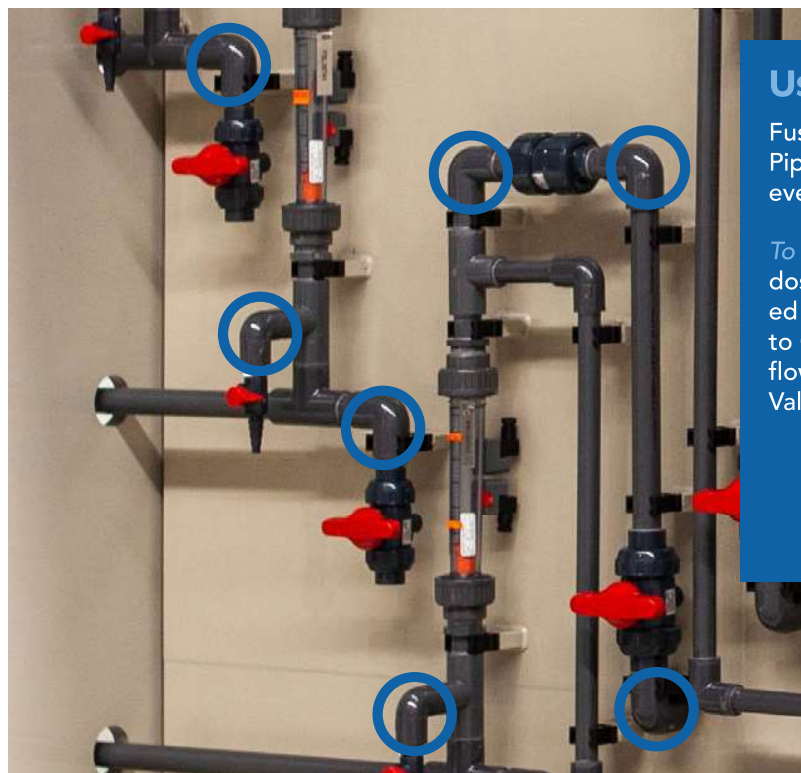
45° - Sockets 1.2.8

Code	Size	L	J	H
● 875020C	2"	99	17	82
● 875030C	3"	126	18	167
● 875040C	4"	158	21	137
● 875060C	6"	239	36	203



90° Reducing - Sockets 1.2.9

Code	Size [inch]	L	H	G	H1	G1
● 801101C	0.75 x 0.5	81	41	15	43	20
● 801130C	1 x 0.5	89	45	16	41	18
● 801131C	1 x 0.75	93	47	18	47	22
● 801168C	1.25 x 1	58	54	23	53	24
● 801210C	1.5 x 0.75	106	54	18	52	26
● 801211C	1.5 x 1	115	58	23	58	30
● 801212C	1.5 x 1.25	131	67	31	59	27
● 801247C	2 x 0.5	106	54	15	55	32
● 801248C	2 x 0.75	112	57	18	58	32
● 801249C	2 x 1	121	61	23	66	36
● 801251C	2 x 1.5	137	69	31	72	36
● 801338C	3 x 2	167	85	37	85	47
● 801420C	4 x 2	193	97	39	105	66
● 801422C	4 x 3	220	110	53	106	66
● 801528C	6 x 2	243	122	45	129	90
● 801532C	6 x 4	293	147	70	153	95
● 801585C	8 x 6	397	199	96	181	104



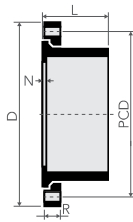
Used Extensively by Fusion

Fusion's fabrication division uses Charlotte Pipe Co products in hundreds of projects every year.

To the left: A sheet polypropylene chemical dosing cabinet housing 11 elbows all connected using Weld-On primer and solvent cement to Charlotte Schedule 80 UPVC. The cabinet's flow can be controlled via Asahi Type 21 Ball Valves and Asahi Labcock Valves.

CHARLOTTE
PIPE AND FOUNDRY COMPANY

Flanges



Van Stone 1.2.10 ANSI 150 x Socket

PN10

Code	Size	D	L	N	R	EPDM Gasket
854005	0.5"	89	27	3	15	5780440
854007	0.75"	99	30	4	15	5780441
854010	1"	108	36	3	17	5780442
854012	1.25"	118	37	4	18	5780443
854015C	1.5"	126	40	3	19	5780444
854020C	2"	150	44	3	21	5780445
854025C	2.5"	170	51	4	24	5780446
854030C	3"	189	54	4	24	5780447
854040C	4"	230	67	4	27	5780448
854060C	6"	279	82	4	31	5780450
854080C	8"	339	110	5	39	5780451
854100C	10"	407	145	16	43	5780452

+ Larger sizes are available upon request.



Van Stone 1.2.11 Multidrive x Socket

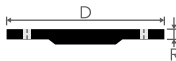
PN10

Code	Size	#Bolt holes	Drilling Pattern	Hole Style
M854020	2"	4	D/E/ANSI	Elongated
854030DE	3"	4	D/E	Round
854040DE	4"	8	D/E	Round
854060DE	6"	8	D/E/ANSI	Round
854080DE	8"	8	D/E/ANSI	Round

+ Matching gaskets for the above flanges can be found in "Backing Rings & Gaskets" on page 117

Blind ANSI 150 1.2.12

PN10



Code	Size	Bolt Hole Dia.	PCD	D	R	EPDM Gasket
853007	0.75"	13	70	99	12	5780441
853010	1"	13	80	108	15	5780442
853012	1.25"	13	89	118	15	5780443
853015	1.5"	13	99	127	19	5780444
853020C	2"	16	121	150	21	5780445
853030C	3"	16	153	189	24	5780447
853040C	4"	16	191	230	27	5780448
853060C	6"	20	242	281	32	5780450
853080C	8"	20	298	343	38	5780451



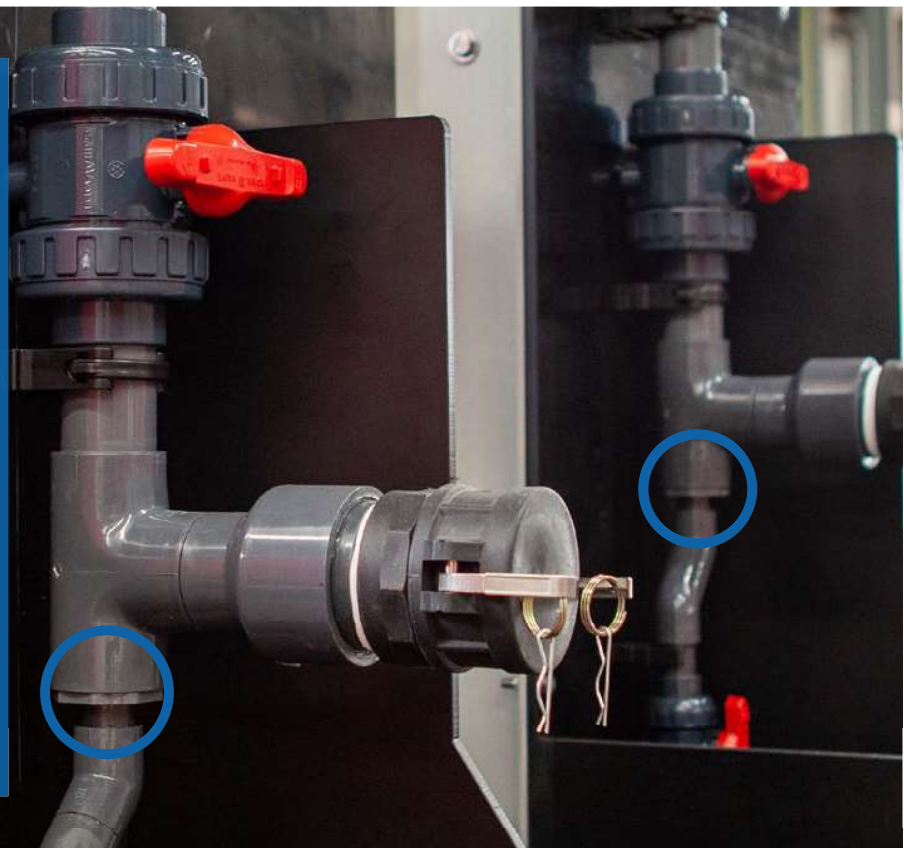
Used Extensively by Fusion

Fusion's fabrication division uses Charlotte Pipe Co UPVC bushes in hundreds of projects every year.

To the right: Fusion has utilised Charlotte UPVC Bushes to form part of a loading panel setup for a sodium hypochlorite application.

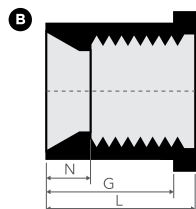
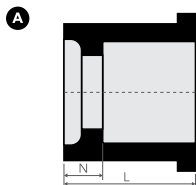
Other products in this photo: Asahi Type 21 ball valves, Charlotte UPVC tees and elbows. All housed in a Fusion Fabricated PE panel.

CHARLOTTE
PIPE AND FOUNDRY COMPANY



Bushes

Charlotte Pipe Co



Spigot x Socket 1.2.13

A	Code	Size	L	N
●	837101C	0.75" x 0.5"	33	11
●	837130C	1" x 0.5"	36	14
●	837131C	1" x 0.75"	36	11
●	837166C	1.25" x 0.5"	39	16
●	837167C	1.25" x 0.75"	39	13
●	837168C	1.25" x 1"	41	12
●	837209C	1.5" x 0.5"	44	22
●	837210C	1.5" x 0.75"	44	19
●	837211C	1.5" x 1"	44	16
●	837212C	1.5" x 1.25"	44	12
●	837247C	2" x 0.5"	48	26
●	837248C	2" x 0.75"	48	23
●	837249C	2" x 1"	48	20
●	837250C	2" x 1.25"	48	16
●	837251C	2" x 1.5"	49	14
●	837291C	2.5" x 1.5"	55	20
●	837292C	2.5" x 2"	55	17
●	837335C	3" x 1"	58	29
●	837337C	3" x 1.5"	58	23
●	837338C	3" x 2"	58	20
●	837339C	3" x 2.5"	58	13
●	837420C	4" x 2"	71	8
●	837422C	4" x 3"	71	24
●	837530C	6" x 3"	90	35
●	837532C	6" x 4"	90	33
●	837585C	8" x 6"	125	48

Spigot x F-NPT 1.2.14

B	Code	Size	L	N	G
●	838072*	0.5 x 0.25			
●	838073*	0.5 x 0.375			
●	838101C	0.75" x 0.5"	32	13	27
●	838130C	1" x 0.5"	37	18	30
●	838131C	1" x 0.75"	35	16	30
●	838167C	1.25" x 0.75"	40	21	33
●	838168C	1.25" x 1"	40	15	33
●	838209C	1.5" x 0.5"	45	25	36
●	838210C	1.5" x 0.75"	45	16	36
●	838211C	1.5" x 1"	45	9	36
●	838212C	1.5" x 1.25"	43	17	36
●	838247C	2" x 0.5"	48	28	39
●	838248C	2" x 0.75"	48	28	39
●	838249C	2" x 1"	48	22	39
●	838251C	2" x 1.5"	49	23	39
●	838292C	2.5" x 2"	56	30	46
●	838338C	3" x 2"	58	31	49
●	838339C	3" x 2.5"	58	22	49
●	838420C	4" x 2"	69	43	59
●	838422C	4" x 3"	69	43	59

+ Items with an * are non-Charlotte brand.

Threaded Adaptors

Charlotte Pipe Co



Socket x M-NPT 1.2.15

Code	Size	L	N
836005C	0.5"	31	5
836007C	0.75"	61	7
836010C	1"	51	5
836012C	1.25"	64	7
836015C	1.5"	67	7
836020C	2"	74	8
836025C	2.5"	94	9
836030C	3"	99	10
836040C	4"	115	12

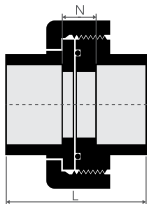


Socket x F-NPT 1.2.16

Code	Size	L	N
835005C	0.5"	46	3
835007C	0.75"	50	3
835010C	1"	58	3
835012C	1.25"	61	4
835015C	1.5"	66	4
835020C	2"	70	3
835025C	2.5"	92	6
835030C	3"	96	6
835040C	4"	108	7

Unions

Charlotte Pipe Co



+ Item codes with * are non-Charlotte brand

Sockets 1.2.17 1.2.18

EPDM Code	FPM Code	Size	L	N
897005C	857005C	0.5"	54	8
897007C	857007C	0.75"	62	12
897010C	857010C	1"	67	10
897012C	857012C	1.25"	75	12
897015C	857015C	1.5"	81	12
897020C	857020C	2"	93	17
897030C	857030C	3"	131	34
897040*	857040*	4"	146	29

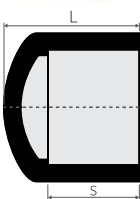
Used Extensively by Fusion

Fusion's fabrication division uses Charlotte UPVC Schedule 80 Unions in hundreds of projects every year.

Right: Charlotte unions are glue joined to a clear UPVC sight glass on a Fusion fabricated PE chemical storage tank.

Caps

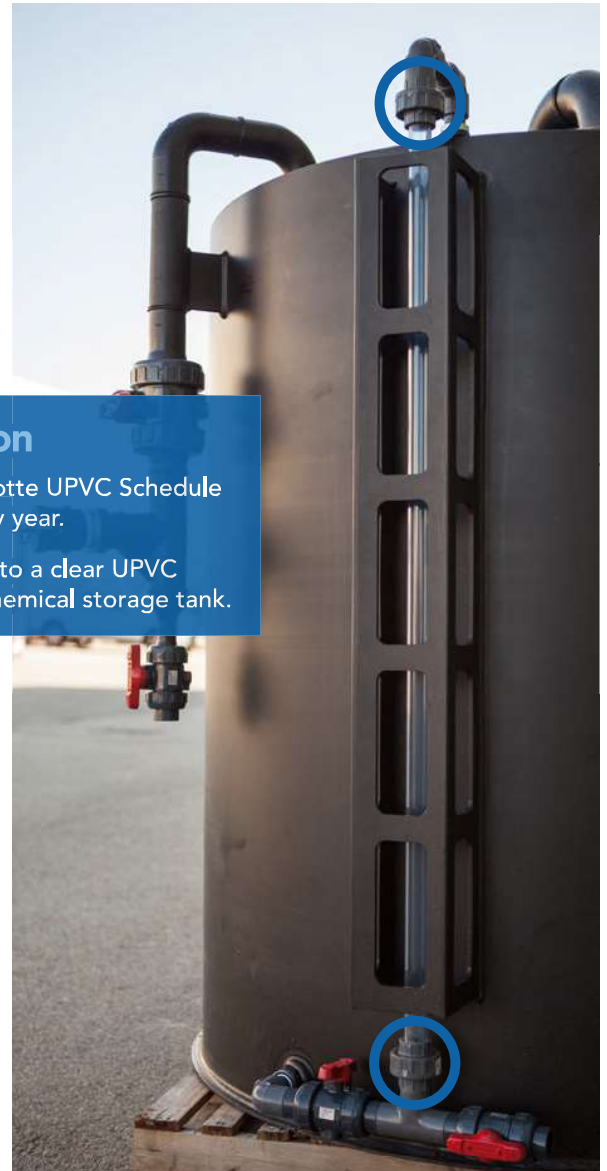
Charlotte Pipe Co



+ Item codes with * are non-Charlotte brand

Socket End 1.2.19

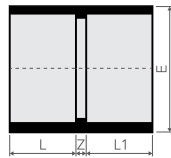
Code	Size	L	S
847005C	0.5"	35	23
847007C	0.75"	38	26
847010C	1"	38	29
847012C	1.25"	47	32
847015C	1.5"	51	35
847020C	2"	55	39
847025C	2.5"	66	45
847030C	3"	72	48
847040C	4"	85	58
847060C	6"	120	77
847080C	8"	164	102
847100*	10"	-	-



British Standard Fittings

Couplings

Polypipe Italia



Imperial x
Metric Socket

1.3.1

PN16

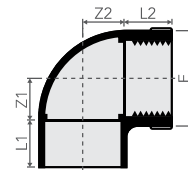
Code	Size	L	L1	Z	E
● 721913106	0.5" x 20mm	17	16	4	26
● 721913107	0.75" x 25mm	20	19	4	33
● 721913108	1" x 32mm	23	22	4	41
● 721913109	1.25" x 40mm	27	26	4	51
● 721913110	1.5" x 50mm	32	31	4	60
● 721913111	2" x 63mm	38	38	3	74
● 721913113	3" x 90mm	51	50	6	105
● 721913115	4" x 110mm	63	61	8	128

Elbows

Polypipe Italia



+ Stainless Steel reinforcing ring



90° - Socket x
Reinforced F-BSP

1.3.2

PN15

Code	Size	L1	L2	Z1	Z2	E
● 721101206	0.5"	17	15	11	13	28
● 721101207	0.75"	20	16.3	14	17	34
● 721101208	1"	23	19.1	17	21	42

Bends

Polypipe Italia



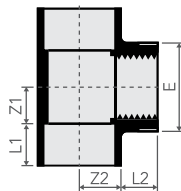
90° - Sockets

1.3.3

PN15

Code	Size	L	Z	E
● 721001106	0.5"	16	40	28
● 721001107	0.75"	19	50	35
● 721001108	1"	22	64	42
● 721001109	1.25"	26	80	51
● 721001110	1.5"	31	100	63
● 721001111	2"	38	126	77
● 721001113	3"	51	180	113
● 721001115	4"	61	220	132

Tees



90° - Socket Line x
Reinforced F-BSP

1.3.4

Polypipe Italia

PN15

Code	Size	L1	L2	Z1	Z2	E
● 721201206	0.5"	17	15	11	13	28
● 721201207	0.75"	19	16.3	14	17	34
● 721201208	1"	23	19.1	17	21	42



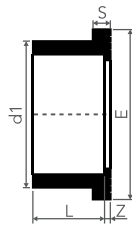
FUSION'S
GLUE QUANTITY
ONLINE TOOL

Easily calculate solvent cement & cleaner quantities for your next piping systems installation project.

fusionaus.com/tools

Stub Flanges

Polypipe Italia



Serrated Jointing Face x Socket 1.3.7

Code	Size	d1	L	Z	E	S	PN
● 721791106	0.5"	27	16	3	34	3	15
● 721791107	0.75"	33	19	4	41	3	15
● 721791108	1"	41	22	4	50	7	15
● 721791109	1.25"	50	26	3	61	8	15
● 721791110	1.5"	61	32	4	73	9	15
● 721791111	2"	76	38	4	90	10	15
● 721791113	3"	108	52	4	125	11	15
● 721791115	4"	131	62	5	149	12	15
● 721791117	6"	193	87	7	214	13	15
● 721791120	8"	248	119	9	273	20	9

+ Gaskets and backing rings to suit the above flanges can be found in "Backing Rings & Gaskets" on page 117

Bushes

PN15



Spigot x F-BSP 1.3.8

Code	Size
① 721901534	0.5" x 0.375"
① 721901537	0.75" x 0.5"
① 721901542	1" x 0.5"
① 721901541	1" x 0.75"

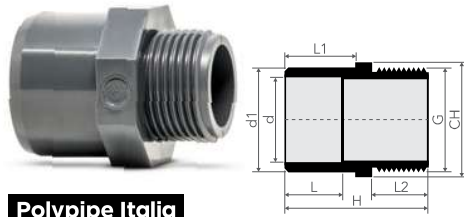
Used Extensively by Fusion

Fusion's fabrication division uses Polypipe Italia stub flanges in hundreds of projects every year.

In this image: Polypipe Italia Stub Flanges are glue joined to Charlotte Schedule 80 Pipe and connected along the line with galvanised backing rings and EPDM gaskets. This project was for a large UPVC water treatment skid.

CHARLOTTE
PIPE AND FOUNDRY COMPANY

Threaded Adaptors



Polypipe Italia

Socket x M-BSP 1.3.9

PN15

Code	Size	d1	L	L1	L2	H	CH
● 721911706	0.5"	0.75"	17	20	15	46	30
● 721911707	0.75"	1"	20	23	16.3	50	36
● 721911708	1"	1.25"	23	27	19.1	57	46
● 721911709	1.25"	1.5"	27	32	21.4	67	55
● 721911710	1.5"	2"	32	39	21.4	74	65
● 721911711	2"	2.5"	39	44	25.7	84	80



**Spigot x
M-BSP**

Polypipe

1.3.10 **PN15**

Code	Size	L1	L2
● 721913906	0.5"	50	16
● 721913907	0.75"	56	17
● 721913908	1"	63	20
● 721913909	1.25"	75	24
● 721913910	1.5"	88	30
● 721913911	2"	88	32
● 721913913	3"	128	39
● 721913915	4"	153	43



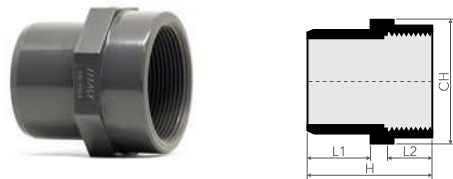
Van De Lande

Socket x

Reinforced F-BSP 1.3.11

PN15

Code	Size	Z	B	D	S
● 721911006	0.5"	1	17	15	32
● 721911007	0.75"	3	20	16	36
● 721911008	1"	2	23	22	46
● 721911009	1.25"	1	28	22	55
● 721911010	1.5"	3	30	25	66
● 721911011	2"	4	36	28	80



Polypipe Italia

Spigot x F-BSP 1.3.12

PN15

Code	Size	L1	L2	H	CH
● 721901406	0.5"	17	15	40	30
● 721901407	0.75"	20	16.3	45	36
● 721901408	1"	23	19.1	51	46
● 721901409	1.25"	27	21.4	58	55
● 721901410	1.5"	32	21.4	64	65
● 721901411	2"	39	26	75	75



Polypipe Italia

M-BSP Ends 1.3.13

PN16

Code	Size	L min	H	CH
◎ 721911906	0.5"	15	42	24
◎ 721911907	0.75"	16.3	45	30
◎ 721911908	1"	19.1	50	36
◎ 721911909	1.25"	21.4	58	46
◎ 721911910	1.5"	21.4	58	50
◎ 721911911	2"	25.7	67	65



Polypipe Italia

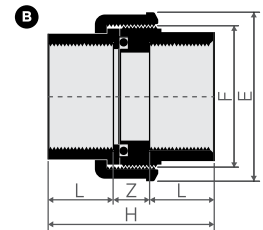
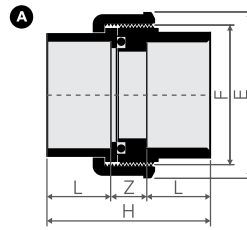
M-BSP x F-BSP 1.3.14

PN10

Code	Size	L1	L2	H	E	CH
● 721910834	0.5" x 0.375"	15	11.4	36	23	24
● 721910837	0.75" x 0.5"	16.3	15	41	28	30
● 721910842	1" x 0.5"	19.1	15	43	28	36
● 721910841	1" x 0.75"	19.1	16.3	45	34	36
● 721910846	1.25" x 1"	21.4	19.1	51	42	46
● 721910852	1.5" x 1.25"	21.4	21.4	55	51	55
● 721910858	2" x 1.5"	26	21.4	57	58	65

Unions

Polypipe Italia



Socket Ends 1.3.15

PN15

A	EPDM Code	Size	L min	Z max	H	E	F
●	721511106	0.5"	16	13	42	43	1"
●	721511107	0.75"	19	13	51	54	1.25"
●	721511108	1"	22	13	57	61	1.5"
●	721511109	1.25"	27	14	68	75	2"
●	721511110	1.5"	31	18	80	81	2.25"
●	721511111	2"	38	22	98	99	2.75"

F-BSP Ends 1.3.19

PN16

B	EPDM Code	Size	L min	Z Max	H	E	F
●	721510606	0.5"	15	15.5	45.5	43	1"
●	721510607	0.75"	16.3	19.4	52	54	1.25"
●	721510608	1"	19.5	19	58	61	1.5"
●	721510609	1.25"	21.4	25.7	68.5	75	2"
●	721510610	1.5"	21.4	37.2	80	81	2.25"
●	721510611	2"	25.7	46.6	98	99	2.75"

Union Parts

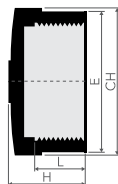
PN16

PN16

Size	FPM Seal	F-BSP End	Size	Metric End
0.5"	● 1.3.16.050	● 1.3.17.050	20	● 1.3.18.050
0.75"	● 1.3.16.075	● 1.3.17.075	25	● 1.3.18.075
1"	● 1.3.16.100	● 1.3.17.100	32	● 1.3.18.100
1.25"	● 1.3.16.125	● 1.3.17.125	40	● 1.3.18.125
1.5"	● 1.3.16.150	● 1.3.17.150	50	● 1.3.18.150
2"	● 1.3.16.200	● 1.3.17.200	63	● 1.3.18.200
	1.3.16	1.3.17		1.3.18

+ Union parts sold separately.

Caps



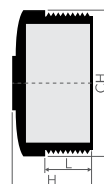
Polypipe Italia

F-BSP 1.3.20

PN16

Code	Size	L	H	E	CH
◎ 721960606	0.5"	15	26	28	30
◎ 721960607	0.75"	16.3	28	34	36
◎ 721960608	1"	19.1	32	42	46
◎ 721960609	1.25"	21.4	35	51	55
◎ 721960610	1.5"	21.4	35	58	60
◎ 721960611	2"	26	39	72	75

Plugs



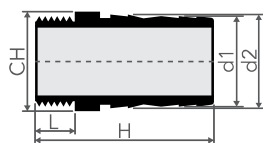
Polypipe Italia

M-BSPP 1.3.21

PN16

Code	Size	L	H	CH
◎ 721961906	0.5"	15	29	24
◎ 721961907	0.75"	16.3	30	30
◎ 721961908	1"	19.1	33	36
◎ 721961909	1.25"	21.4	39	46
◎ 721961910	1.5"	21.4	39	50
◎ 721961911	2"	26	43	65

Hose Connectors

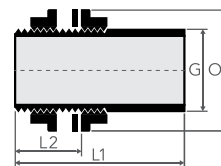


M-BSP x Hose 1.3.22

PN16

Code	Size	d1	d2	L	H	CH
⑩ 721960704	0.25"	-	-	-	-	-
● 721960705	0.375"	16	18	12	64	19
● 721960706	0.5"	20	22	15	70	24
● 721960707	0.75"	25	27	17	76	30
● 721960708	1"	32	34	20	80	36
● 721960709	1.25"	40	42	22	92	46

Tank Adaptors



Spigot x M-BSP 1.3.23

PN9

EPDM Code	Size	L1	L2	O
● 161051226	0.5"	77	42	38
● 161051227	0.75"	77	42	42
● 161051228	1"	103	55	55
● 161051229	1.25"	121	70	65
● 161051230	1.5"	128	73	72
● 161051231	2"	154	82	93

Solvent Cement & Primer

Primer



IPS/Weld-On

Code	Description	Size [ml]
● IPSP-70	IPS Primer	946

10.1.1

Solvent Cement



IPS/Weld-On

Code	Suits	Size [ml]
● IPS711-473	Grey UPVC	473
● IPS711-946		946
● IPS724-473	Grey CPVC & UPVC	473
● IPS724-946		946

10.1.2 10.1.3



FUSION'S GLUE QUANTITY ONLINE TOOL

Easily calculate solvent cement & cleaner quantities for your next piping systems installation project.

fusionaus.com/tools >