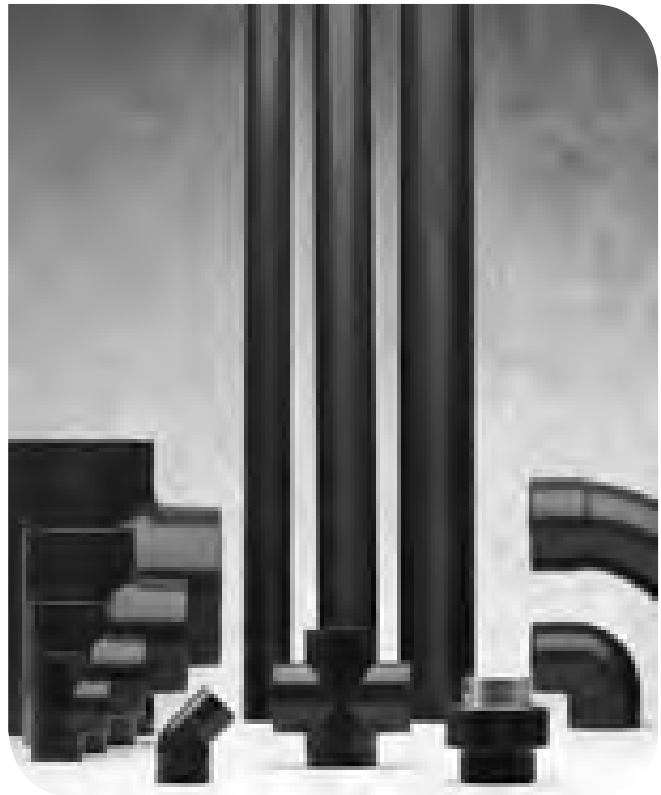


Section 7

Metric PVC Piping System

Effective August 27, 2012



+GF+

GEORG FISCHER
PIPING SYSTEMS

Prices effective 8/27/12. See www.gfpiping.com for updated information.

Glossary

FPT	= Female Pipe Thread
MPT	= Male Pipe Thread
S	= Slip Socket
SPG	= Spigot End
*	= Non-Cancelable/Non-Returnable
^	= 40% Restock Fee

The technical information given in this publication implies no warranty of any kind and is subject to change without notice. Please consult our Terms and Conditions of Sale.

For complete technical information, please consult the GF Piping Systems' Technical Manual available online at www.gfpiping.com or by calling (800) 854-4090.

For more information about any of our product lines, please call (800) 854-4090.

PVC Metric Piping Systems

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	Pipe	7.4
	Fittings	7.6
	Adapter Fittings	7.15
 DN10-50	Valves	7.18

PVC Metric Piping Systems

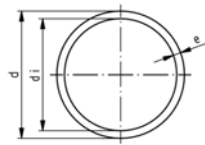
Pipe

Pipes PVC, grey

Series S 4, SDR 9, nominal pressure PN 25

Model:

- Material: PVC, Polyvinylchloride unplasticized DIN 806
- Color: RAL 7011 - dark-grey
- Dimension: DIN EN ISO 15493, DIN 8062
- Pipe length: 5m, with plain ends
- **Increased wall thickness for industrial use**
- Minimum order quantity: 1 length



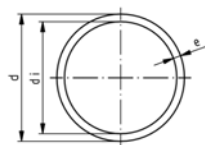
d [mm]	PSI	Part No.	USD/m	e [mm]	di [mm]	Weight [kg/m]	
6	240	161 017 126 *	2.00	1.0	4.0	0.025	
8	240	161 017 127 *	1.70	1.0	6.0	0.035	
10	240	161 017 128 *	1.90	1.2	7.6	0.053	

Pipes PVC, grey

Series S 6.3, SDR 13.6, nominal pressure PN 16

Model:

- Material: PVC, Polyvinylchloride unplasticized DIN 806
- Color: RAL 7011 - dark-grey
- Dimension: DIN EN ISO 15493, DIN 8062
- Pipe length: 5m, with plain ends
- Minimum order quantity: 1 length



d [mm]	PSI	Part No.	USD/m	e [mm]	di [mm]	Weight [kg/m]	
12	240	161 017 104 *	1.70	1.0	10.0	0.055	
16	240	161 017 105 *	2.10	1.2	13.6	0.090	
20	240	161 017 106 *	3.00	1.5	17.0	0.137	
25	240	161 017 107 *	4.20	1.9	21.2	0.212	
32	240	161 017 108 *	6.10	2.4	27.2	0.342	
40	240	161 017 109 *	9.10	3.0	34.0	0.525	
50	240	161 017 110 *	13.50	3.7	42.6	0.809	
63	240	161 017 111 *	22.00	4.7	53.6	1.290	
75	240	161 017 112 *	32.00	5.6	58.2	1.820	
90	240	161 017 113 *	42.00	6.7	76.6	2.610	
110	240	161 017 114 *	63.00	8.1	93.8	3.900	
160	240	161 017 117 *	133.00	11.8	136.4	8.170	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

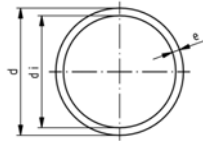
PVC Metric Piping Systems

Pipes PVC, grey

Series S 10, SDR 21, nominal pressure PN 10

Model:

- Material: PVC, Polyvinylchloride unplasticized DIN 806
- Color: RAL 7011 - dark-grey
- Dimension: DIN EN ISO 15493, DIN 8062
- Pipe length: 5m, with plain ends
- Minimum order quantity: 1 length



d [mm]	PSI	Part No.	USD/m	e [mm]	di [mm]	Weight [kg/m]	
25	150	161 017 082 *	3.70	1.5	22.0	0.174	
32	150	161 017 083 *	5.10	1.8	28.4	0.264	
40	150	161 017 084 *	6.40	1.9	36.2	0.350	
50	150	161 017 085 *	10.10	2.4	45.2	0.552	
63	150	161 017 086 *	12.70	3.0	57.0	0.854	
75	150	161 017 087 *	19.00	3.6	67.8	1.220	
90	150	161 017 088 *	27.00	4.3	81.4	1.750	
110	150	161 017 089 *	39.00	5.3	99.4	2.610	
180	150	161 017 093 *	127.00	8.6	162.8	6.880	
200	150	161 017 094 *	147.00	9.6	180.8	8.510	
225	150	161 017 095 *	170.00	10.8	203.4	10.800	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

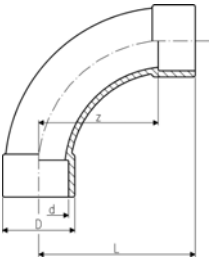
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PVC Metric Piping Systems

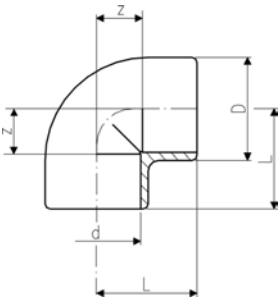
Fittings

Bends 90°, PVC metric



d [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	D [mm]	L [mm]	
20	240	721 000 106	7.10	10	40	27	56	
25	240	721 000 107	7.50	10	50	33	69	
32	240	721 000 108	10.40	10	64	38	86	
40	240	721 000 109	13.70	30	80	47	106	
50	240	721 000 110	19.80	5	100	61	131	
63	240	721 000 111	24.00	17	126	76	164	
75	240	721 000 112	54.00	5	150	90	194	
90	240	721 000 113	61.00	5	180	108	231	
110	240	721 000 114 ^	107.00	5	220	137	281	
160	240	721 000 117 ^	260.00	1	320	192	406	

Elbows 90°, PVC metric

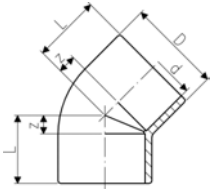


d [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	D [mm]	L [mm]	
6	240	721 100 101 *	1.70	10	4	11	16	
8	240	721 100 102 *	1.70	10	5	13	17	
10	240	721 100 103 *	1.70	10	6	14	18	
12	240	721 100 104 *	1.70	10	7	17	19	
16	240	721 100 105	1.70	10	9	21	23	
20	240	721 100 106	1.80	10	11	25	27	
25	240	721 100 107	1.90	10	14	32	33	
32	240	721 100 108	2.20	10	17	40	39	
40	240	721 100 109	4.20	10	23	47	49	
50	240	721 100 110	5.50	10	26	59	57	
63	240	721 100 111	8.80	10	33	73	71	
75	240	721 100 112	16.30	5	40	87	83	
90	240	721 100 113	27.00	5	46	105	97	
110	240	721 100 114	42.00	4	55	128	116	
160	240	721 100 117 ^	163.00	2	80	185	166	
200	150	721 100 119 *	282.00	1	101	225	207	
225	150	721 100 120 *	282.00	1	114	252	233	

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

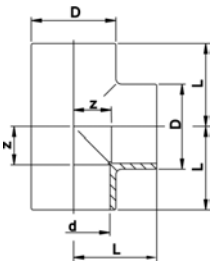
PVC Metric Piping Systems

Elbows 45°, PVC metric



d [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	D [mm]	L [mm]	
16	240	721 150 105	3.20	10	5	21	19	
20	240	721 150 106	3.20	10	5	25	21	
25	240	721 150 107	3.20	10	6	31	25	
32	240	721 150 108	3.70	10	8	38	30	
40	240	721 150 109	5.40	10	10	47	36	
50	240	721 150 110	6.30	5	12	59	43	
63	240	721 150 111	9.70	5	14	73	52	
75	240	721 150 112	16.00	5	17	87	61	
90	240	721 150 113	25.00	5	20	105	71	
110	240	721 150 114 ^	56.00	5	25	127	86	
160	240	721 150 117 *	108.00	4	36	185	122	
200	150	721 150 119 *	186.00	2	43	225	149	
225	150	721 150 120 *	204.00	1	49	250	168	

Tees, PVC metric



d [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	D [mm]	L [mm]	
6	240	721 200 101 *	2.10	10	4	11	16	
8	240	721 200 102 *	2.10	10	5	13	17	
10	240	721 200 103 *	2.10	10	6	16	18	
12	240	721 200 104 *	2.10	10	7	19	19	
16	240	721 200 105	2.20	10	9	21	23	
20	240	721 200 106	2.20	10	11	25	27	
25	240	721 200 107	2.20	10	14	31	33	
32	240	721 200 108	3.20	10	17	38	39	
40	240	721 200 109	5.10	10	23	48	49	
50	240	721 200 110	7.30	10	26	58	57	
63	240	721 200 111	11.60	10	33	73	71	
75	240	721 200 112	19.50	5	39	87	83	
90	240	721 200 113	35.00	5	46	105	97	
110	240	721 200 114 ^	56.00	6	55	127	116	
160	240	721 200 117 ^	183.00	1	81	193	167	
200	150	721 200 119 *	293.00	1	101	225	207	
225	150	721 200 120 *	318.00	1	114	256	233	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

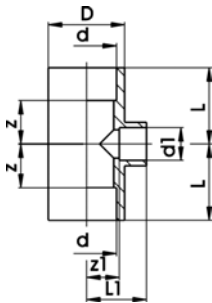
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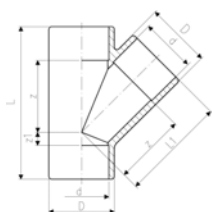
PVC Metric Piping Systems

Reducing Tee, PVC metric



d [mm]	d1 [mm]	PSI	d-d [inch]	Part No.	USD	Std. Pack	z [mm]	z1 [mm]	D [mm]	L [mm]	L1 [mm]
25	20	240	-	721 200 134	3.40	10	14	14	33	33	30
32	20	240	-	721 200 141	4.80	10	17	17	41	39	33
32	25	240	-	721 200 138	4.80	10	17	17	41	39	36
40	20	240	-	721 200 155	6.80	10	23	23	50	49	39
40	25	240	-	721 200 151	6.80	10	23	23	50	49	42
40	32	240	-	721 200 147	6.80	10	23	23	50	49	45
50	20	240	-	721 200 009	9.00	5	28	28	62	59	44
50	25	240	-	721 200 010	9.00	5	28	28	62	59	47
50	32	240	-	721 200 164	9.00	5	28	28	62	59	50
50	40	240	-	721 200 161	9.00	5	28	28	62	59	54
63	25	240	-	721 200 011	14.10	10	35	34	77	73	53
63	32	240	-	721 200 178	14.10	5	35	34	77	73	56
63	40	240	-	721 200 174	14.10	5	35	34	77	73	60
63	50	240	-	721 200 170	14.10	5	35	34	77	73	65
75	32	240	-	721 200 181	23.70	9	40	41	92	84	63
75	40	240	-	721 200 182	23.70	9	40	41	92	84	67
75	50	240	-	721 200 183	23.70	8	40	41	92	84	72
75	63	240	-	721 200 184	23.70	8	40	41	92	84	79
90	32	240	-	721 200 142	41.00	6	46	55	110	97	77
90	50	240	-	721 200 144	41.00	6	46	55	110	97	86
90	63	240	-	721 200 145	41.00	5	46	55	110	97	93
90	75	240	-	721 200 146 ^	41.00	5	46	55	110	97	99
110	32	240	-	721 200 135 ^	67.00	3	56	67	133	117	89
110	50	240	-	721 200 136 ^	67.00	3	56	67	133	117	98
110	63	240	-	721 200 132 ^	67.00	3	56	65	133	117	103
110	75	240	-	721 200 133 ^	67.00	3	56	65	133	117	109
140	110	240	-	721 200 150 *	191.00	1	72	74	172	148	135
160	110	240	-	721 200 152 *	219.00	1	81	81	192	167	142
200	110	150	-	721 200 153 *	350.00	1	107	131	232	213	192
200	160	150	-	721 200 154 *	350.00	1	107	106	232	213	192
225	110	150	-	721 200 156 *	384.00	1	120	143	257	239	204

Wye Branch, PVC metric

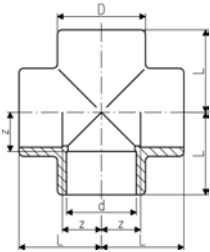


d [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	z1 [mm]	D [mm]	L [mm]	L1 [mm]
10	150	721 250 103 *	4.20	100	18	4	16	46	30
12	150	721 250 104 *	4.20	100	21	4	18	49	33
16	150	721 250 105	4.80	100	25	5	23	58	39
20	150	721 250 106	6.80	10	30	6	28	68	46
25	150	721 250 107	7.10	10	36	9	33	83	55
32	150	721 250 108	7.80	10	45	10	41	99	67
40	150	721 250 109	12.80	10	56	10	50	118	82
50	150	721 250 110	14.30	10	66	12	60	140	97
63	150	721 250 111	23.00	5	85	14	74	175	123
75	90	721 250 112	38.00	5	101	18	91	207	145
90	90	721 250 113	55.00	1	122	20	107	245	173
110	90	721 250 114	105.00	3	149	27	134	298	210
160	90	721 250 117 ^	366.00	1	213	41	190	428	300
200	90	721 250 119 *	582.00	1	265	48	232	527	372
225	90	721 250 120 *	949.00	1	296	54	260	590	416

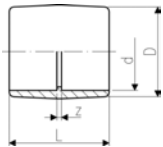
^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

PVC Metric Piping Systems

Cross, PVC metric



d [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	D [mm]	L [mm]	
10	240	721 300 103 *	7.00	100	7	16	19	
12	240	721 300 104 *	7.00	100	8	18	20	
16	240	721 300 105	7.20	100	10	23	24	
20	240	721 300 106	7.70	10	11	29	27	
25	240	721 300 107	8.50	10	14	35	33	
32	240	721 300 108	10.00	10	17	43	39	
40	240	721 300 109	16.00	5	23	52	49	
50	240	721 300 110	20.00	5	28	63	59	
63	240	721 300 111	27.00	5	34	79	72	
75	150	721 300 112	45.00	3	40	92	83	
90	150	721 300 113	81.00	4	48	106	97	
110	150	721 300 114	129.00	4	59	128	117	



Coupling, PVC metric

¹ Socket d355 and d400 fabricated from pipe

d [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	D [mm]	L [mm]	
6	240	721 910 101 *	1.40	10	3	12	27	
8	240	721 910 102 *	1.40	10	3	14	27	
10	240	721 910 103 *	1.40	1	3	16	27	
12	240	721 910 104 *	1.40	1	3	19	27	
16	240	721 910 105	1.40	10	3	22	31	
20	240	721 910 106	1.40	10	3	26	35	
25	240	721 910 107	1.50	10	3	32	41	
32	240	721 910 108	1.80	10	3	39	47	
40	240	721 910 109	2.70	10	3	48	55	
50	240	721 910 110	3.40	10	3	58	65	
63	240	721 910 111	4.80	10	3	73	79	
75	240	721 910 112	10.90	10	4	87	92	
90	240	721 910 113	19.10	10	5	105	107	
110	240	721 910 114	30.00	5	6	128	128	
160	240	721 910 117 ^	67.00	2	8	183	180	
200	150	721 910 119 *	138.00	3	9	221	221	
225	150	721 910 120 *	144.00	2	10	253	248	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

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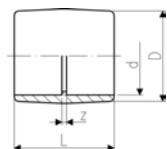
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PVC Metric Piping Systems

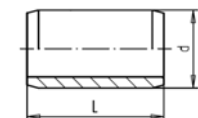
Outlet socket coupling PVC

Model:

- With solvent cement sockets metric and BS inch

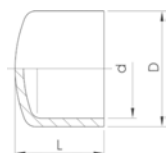


d [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	D [mm]	L [mm]	
16	240	721 913 105	Call	10	5	23	35	
20	240	721 913 106	Call	10	5	27	38	
25	240	721 913 107	Call	10	5	33	45	
32	240	721 913 108	Call	10	5	41	51	
40	240	721 913 109	Call	10	5	51	60	
50	240	721 913 110	Call	10	4	59	65	
63	240	721 913 111	Call	5	5	75	79	
90	240	721 913 113	Call	10	6	104	108	
110	240	721 913 115	Call	5	4	128	128	



Barrel Nipples, PVC metric

d [mm]	PSI	Part No.	USD	Std. Pack	L [mm]	
16	240	721 900 905	4.60	-	28	
20	240	721 900 906	4.60	-	32	
25	240	721 900 907	4.80	-	38	
32	240	721 900 908	5.00	-	44	
40	240	721 900 909	5.10	-	52	
50	240	721 900 910	5.50	-	62	
63	240	721 900 911	6.50	-	76	
75	240	721 900 912	10.20	-	88	
90	240	721 900 913	13.10	-	102	
110	240	721 900 914	19.00	-	122	
125	240	721 900 915	Call	-	138	
140	240	721 900 916	Call	-	152	
160	240	721 900 917 ^	53.00	-	192	
200	150	721 900 919 *	62.00	-	212	
225	150	721 900 920 *	75.00	-	238	



Cap, PVC metric

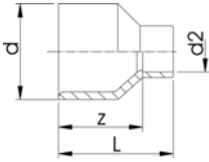
d [mm]	PSI	Part No.	USD	Std. Pack	D [mm]	L [mm]	
12	240	721 960 104 *	1.50	10	19	15	
16	240	721 960 105	1.50	10	23	21	
20	240	721 960 106	1.50	10	27	24	
25	240	721 960 107	1.50	10	33	28	
32	240	721 960 108	1.80	10	40	32	
40	240	721 960 109	2.90	10	47	38	
50	240	721 960 110	4.50	10	59	45	
63	240	721 960 111	5.50	5	74	56	
75	240	721 960 112	14.60	5	87	65	
90	240	721 960 113	18.20	5	105	77	
110	240	721 960 114 ^	27.00	12	128	94	
160	150	721 960 117 *	70.00	2	188	130	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

PVC Metric Piping Systems

Reducer Bushing, PVC metric



d [mm]	d2 [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	L [mm]	
8	6	240	721 910 323 *	1.50	10	15	27	
10	6	240	721 910 326 *	1.50	10	15	27	
10	8	240	721 910 325 *	1.50	10	15	27	
20	16	240	721 910 334	1.50	10	21	35	
25	20	240	721 910 337	1.50	10	25	41	
32	25	240	721 910 341	1.90	10	30	49	
40	32	240	721 910 346	2.40	10	36	58	
50	40	240	721 910 352	3.20	10	44	70	
63	50	240	721 910 358	5.00	5	54	85	
75	63	240	721 910 364	13.80	5	62	100	
90	75	240	721 910 370	20.00	5	74	118	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

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7.11

PVC Metric Piping Systems

Reducer Bushing Short, PVC metric

Model:

- With solvent cement spigot and socket metric



d [mm]	d1 [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	L [mm]	
* 12	8	240	721 900 329 *	0.90	1	2	14	
* 16	12	240	721 900 331 *	0.90	10	2	14	
* 20	16	240	721 900 334	0.90	10	2	16	
* 25	20	240	721 900 337	1.40	10	3	19	
* 32	20	240	721 900 342	1.90	10	6	22	
* 32	25	240	721 900 341	1.90	10	3	22	
40	20	240	721 900 348	2.10	10	10	26	
40	25	240	721 900 347	2.10	10	7	26	
* 40	32	240	721 900 346	2.10	10	4	26	
50	20	240	721 900 355	2.70	10	15	31	
50	25	240	721 900 354	2.70	10	12	31	
50	32	240	721 900 353	2.70	10	9	31	
* 50	40	240	721 900 352	2.70	10	5	31	
63	32	240	721 900 360	3.60	10	16	38	
63	40	240	721 900 359	3.60	10	12	38	
* 63	50	240	721 900 358	3.60	10	7	38	
75	50	240	721 900 365	5.70	10	13	44	
* 75	63	240	721 900 364	5.70	10	6	44	
90	50	240	721 900 372	10.60	10	20	51	
90	63	240	721 900 371	10.60	10	13	51	
* 90	75	240	721 900 370	10.60	10	7	51	
110	50	240	721 900 379	15.00	5	30	61	
110	63	240	721 900 378	15.00	5	23	61	
110	75	240	721 900 377	15.00	20	17	61	
* 110	90	240	721 900 376	15.00	5	10	61	
160	90	240	721 900 391 ^	45.00	5	35	86	
160	110	240	721 900 390 ^	45.00	5	25	86	
200	110	150	721 900 393 *	104.00	3	45	108	
200	160	150	721 900 392 *	104.00	2	20	108	
225	110	150	721 900 397 *	109.00	4	57	120	
225	160	150	721 900 396 *	109.00	2	31	119	
* 225	200	150	721 900 181 *	106.00	4	13	119	

^ = 40% Restock Charge

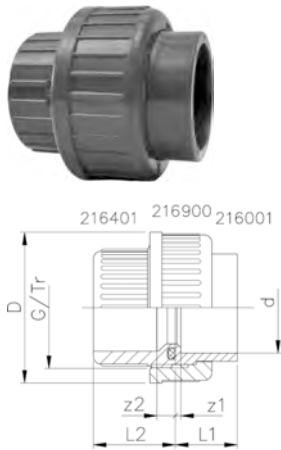
* = Non-Cancelable/Non-Returnable

PVC Metric Piping Systems

Union for solvent cement joining, PVC metric

Model:

- Union End: solvent socket metric
- Union Bush: Solvent socket metric
- Joining face: with O-ring groove
- Gasket: O-Ring EPDM No. 48 41 00



d [mm]	PSI	EPDM Part No.	USD	FPM Part No.	USD	Std. Pack	
10	240	721 510 103 *	7.70	721 510 128 *	8.60	10	
12	240	721 510 104 *	7.70	721 510 129 *	8.60	10	
16	240	721 510 105	8.00	721 510 130	9.90	10	
20	240	721 510 106	8.60	721 510 131	11.60	10	
25	240	721 510 107	9.70	721 510 132	13.70	10	
32	240	721 510 108	12.80	721 510 133	16.40	10	
40	240	721 510 109	15.50	721 510 134	23.00	10	
50	240	721 510 110	22.00	721 510 135	31.00	2	
63	240	721 510 111	29.00	721 510 136	39.00	10	
75	150	721 510 112	63.00	721 510 137	82.00	2	
90	150	721 510 313	74.00	721 510 338	93.00	2	
110	150	721 510 114	91.00	721 510 139	134.00	1	

d [mm]	z1 [mm]	z2 [mm]	D [mm]	L1 [mm]	L2 [mm]	G/Tr	
10	3	10	31	15	22	5/8	
12	3	10	31	15	22	5/8	
16	3	10	35	17	24	3/4	
20	3	10	43	19	26	1	
25	3	10	51	22	29	1 1/4	
32	3	10	58	25	33	1 1/2	
40	3	12	72	29	39	2	
50	3	14	83	34	46	2 1/4	
63	3	18	100	41	58	2 3/4	
75	3	18	135	47	62	Tr108x5	
90	5	18	158	56	69	Tr128x5	
110	5	11	188	66	72	Tr154x6	

Union for solvent cement joining, PVC metric - ASTM Socket

Model:

- Union End: Solvent cement socket ASTM
- Union Bush: Solvent socket metric
- Gasket: O-ring EPDM No. 48 41 00
- Gasket: O-Ring FPM No. 49 41 00 (to be ordered separately)



d [mm]	PSI	Part No.	USD	z1 [mm]	z2 [mm]	D [mm]	L1 [mm]	L2 [mm]	G [inch]	
16	240	721 514 105	9.30	3	10	35	22	24	3/4	
20	240	721 514 106	9.70	3	10	43	25	26	1	
25	240	721 514 107	11.50	3	10	51	28	29	1 1/4	
32	240	721 514 108	14.80	3	10	58	32	33	1 1/2	
40	240	721 514 109	18.20	3	12	72	35	39	2	
50	240	721 514 110	26.00	3	14	83	38	46	2 1/4	
63	240	721 514 111	33.00	3	18	100	41	58	2 3/4	

^ = 40% Restock Charge

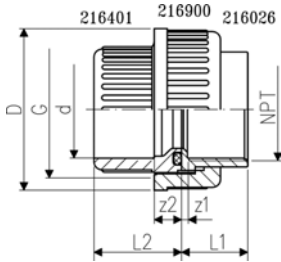
* = Non-Cancelable/Non-Returnable

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Prices effective 8/27/12. See www.gfpiping.com for updated information.

PVC Metric Piping Systems

Adaptor Union, PVC metric - ASTM NPT



Model:

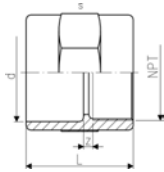
- Union End: Taper female thread NPT (ASTM)
- Union Bush: Solvent socket metric
- Gasket: O-ring EPDM No. 48 41 00
- Gasket: O-Ring FPM No. 49 41 00 (to be ordered separately)
- Connection to plastic thread only
- Do not use thread sealing glues that are harmful to PVC

d [mm]	NPT [inch]	PSI	Part No.	USD	z1 [mm]	z2 [mm]	D [mm]	L1 [mm]	L2 [mm]	G [inch]	
16	3/8	150	721 514 205	12.40	4	10	35	17	24	3/4	
20	1/2	150	721 514 206	13.40	2	10	43	19	26	1	
25	3/4	150	721 514 207	14.70	4	10	51	22	29	1 1/4	
32	1	150	721 514 208	18.70	4	10	58	25	33	1 1/2	
40	1 1/4	150	721 514 209	21.00	6	12	72	29	39	2	
50	1 1/2	150	721 514 210	30.00	11	14	83	34	46	2 1/4	
63	2	150	721 514 211	41.00	17	18	100	41	58	2 3/4	

PVC Metric Piping Systems

Adapter Fittings

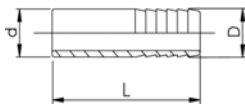
Female Adaptor, PVC metric - NPT



Model:

- With solvent cement socket metric and NPT (ASTM) taper female thread
- Connection to plastic thread only
- Do not use thread sealing glues that are harmful to PVC
- Install with low mechanical stress and avoid large cyclic temperature changes

d [mm]	NPT [inch]	PSI	Part No.	USD	Std. Pack	z [mm]	L [mm]	s [mm]	
20	1/2	150	721 914 206	7.00	10	5	35	32	
25	3/4	150	721 914 207	7.40	10	6	40	36	
32	1	150	721 914 208	10.80	10	6	45	46	
40	1 1/4	150	721 914 209	11.60	10	6	51	55	
50	1 1/2	150	721 914 210	18.80	10	10	59	65	
63	2	150	721 914 211	26.00	5	10	69	80	



Hose Connector, PVC metric

Model:

- With solvent cement spigot metric and parallel hose connection

d [mm]	PSI	Part No.	USD	Std. Pack	D [mm]	L [mm]	
10	240	721 960 403 *	1.40	10	8	47	
12	240	721 960 404 *	1.50	10	12	51	
16	240	721 960 405	1.80	10	16	57	
20	240	721 960 406	1.90	10	20	73	
25	240	721 960 407	2.40	10	25	79	
32	240	721 960 408	2.90	10	30	89	
40	240	721 960 409	3.80	5	40	100	
50	240	721 960 410	6.80	5	50	105	
63	240	721 960 411	8.70	5	60	120	

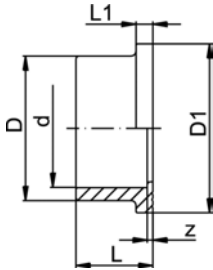
^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

PVC Metric Piping Systems

Flange Adapter, PVC

Joining face flat, Combined Joining face flat and serrated, metric



Model:

- Solvent cement socket metric
- d16 - d50: Joining face flat
- d63 - d400: Combined joining face serrated and flat
- Gasket:
 - Profile flange gasket EPDM No. 48 44 07, FPM No. 49 44 07 or
 - Flat gasket EPDM No. 48 40 03, FPM No. 49 40 03
 - Only use O-ring EPDM No. 48 41 01, FPM No. 49 41 01 in combination with counterpart Flange Adaptor No. 21 81 01
- Flange:
 - PVC-U No. 21 70 00, PP with steel ring No. 27 70 02, Backing Flange PP-V for socket systems metric No. 27 70 04

Note:The flat gasket affects the maximum allowable operating pressure!

d [mm]	PSI	Part No.	USD	Std. Pack	z [mm]	D [mm]	D1 [mm]	L [mm]	L1 [mm]	
16	240	721 800 105	2.10	10	3	22	29	17	6	
20	240	721 800 106	2.10	10	3	27	34	19	6	
25	240	721 800 107	2.10	10	3	33	41	22	7	
32	240	721 800 108	3.20	10	3	41	50	25	7	
40	240	721 800 109	4.20	10	3	50	61	29	8	
50	240	721 800 110	6.40	10	3	61	73	34	8	
63	240	721 790 111	10.60	10	3	77	90	41	9	
75	240	721 790 112	17.00	10	3	91	106	47	10	
90	240	721 790 113	19.50	10	5	108	125	56	11	
110	240	721 790 114	26.00	10	5	131	150	66	12	
* 160	240	721 790 117 ^	63.00	2	5	188	213	91	16	
* 200	150	721 790 119 *	133.00	2	6	224	250	112	24	
225	150	721 790 120 *	141.00	2	6	248	274	125	25	

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

PVC Metric Piping Systems

V-Flange Ring, PVC metric

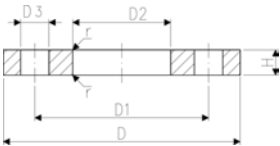
Model:

- For socket systems
- Connecting dimension: ISO 7005, EN 1092, BS 4504, DIN 2501
- Maximum medium- or ambient temperature 45 °C
- **Bolt circle PN 10**

¹ Connecting dimension: ISO 2536, bolt circle acc. DN125, suitable for flange adaptor d125/DN100

² Connecting dimension: ISO 2536, bolt circle acc. DN225, suitable for flange adaptor d250/DN250

AL: number of holes



d [mm]	Size	PSI	Part No.	USD	D [mm]	D1 [mm]	D2 [mm]	D3 [mm]	H [mm]	r [mm]	AL	SC
16	3/8	150	721 700 005	5.90	90	60	23	14	10	1	4	M12
20	1/2	150	721 700 006	5.90	95	65	28	14	11	1	4	M12
25	3/4	150	721 700 007	7.20	105	75	34	14	12	2	4	M12
32	1	150	721 700 008	8.30	115	85	42	14	14	2	4	M12
40	1 1/4	150	721 700 009	10.20	140	100	51	18	15	2	4	M16
50	1 1/2	150	721 700 010	11.60	150	110	62	18	16	2	4	M16
63	2	150	721 700 011	13.70	165	125	78	18	18	3	4	M16
75	2 1/2	150	721 700 012	17.30	185	145	92	18	19	3	4	M16
90	3	150	721 700 013	19.70	200	160	110	18	20	3	8	M16
110	4	150	721 700 014	24.00	220	180	133	18	22	3	8	M16
160	6	150	721 700 017 ^	44.00	285	240	190	22	28	4	8	M20
200	7	150	721 700 019 *	69.00	340	295	226	22	32	4	8	M20
225	8	150	721 700 020 *	72.00	340	295	250	22	32	4	8	M20

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

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PVC Metric Piping Systems

Valves

Ball Valve Type 546 PVC With mounting inserts With solvent cement sockets metric



DN10/15 - 50



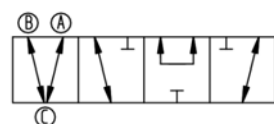
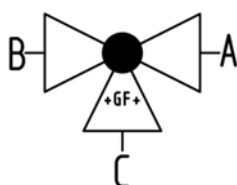
Model:

- Designed for easy installation and removal
- Ball seals PTFE
- Integrated stainless steel mounting inserts
- Not dimensionally compatible with Type 346 and Type 370

Option:

- Contact customer service for customization
- Multifunctional module with integrated limit switches
- Pneumatic or electric actuators from GF

d [mm]	Size	PSI	EPDM Part No.	USD	FPM Part No.	USD	Std. Pack	
16		240	161 546 061	76.00	161 546 071	93.00	1	
20		240	161 546 062	81.00	161 546 072	96.00	1	
25		240	161 546 063	94.00	161 546 073	112.00	1	
32		240	161 546 064	113.00	161 546 074	140.00	1	
40		240	161 546 065	143.00	161 546 075	170.00	1	
50		240	161 546 066	183.00	161 546 076	216.00	1	
63		240	161 546 067	228.00	161 546 077	284.00	1	
75	2 ½	240	161 546 068 ^	560.00	161 546 078 ^	681.00	1	
90		240	161 546 069 ^	697.00	161 546 079 ^	849.00	1	
110		240	161 546 070 ^	841.00	161 546 080 ^	1022.00	-	



Type 543 PVC 3-Way Ball Valve Horizontal/T-port With solvent cement sockets metric

Model:

- For easy installation and removal (valve end and union nut are compatible with type 546)
- Ball seals PTFE
- Pneumatic or electric actuator available separately
- Angle of operation 360° without turn limiter
- Turn limiter 90° enclosed, in different positions usable as a clip-on ring
- Integrated stainless steel mounting inserts
- Flow: all ports open, center-left

d [mm]	PSI	EPDM Part No.	USD	FPM Part No.	USD	
16	150	161 543 201 ^	215.00	161 543 211 ^	233.00	
20	150	161 543 202 ^	220.00	161 543 212 ^	239.00	
25	150	161 543 203 ^	255.00	161 543 213 ^	279.00	
32	150	161 543 204 ^	316.00	161 543 214 ^	350.00	
40	150	161 543 205 ^	358.00	161 543 215 ^	393.00	
50	150	161 543 206 ^	416.00	161 543 216 ^	492.00	
63	150	161 543 207 ^	525.00	161 543 217 ^	640.00	

^ = 40% Restock Charge
* = Non-Cancelable/Non-Returnable

PVC Metric Piping Systems

Type 303 PVC Angle Seat Check Valve With solvent cement spigots metric



Model:

- For horizontal or vertical installation
- Leakproof from: EPDM 2m, FPM 3m water column
- Specific gravity of piston approx. 2 kg/dm³ (200 lb/ft³)
- Overall length EN 558

d [mm]	PSI	EPDM Part No.	USD	FPM Part No.	USD	Std. Pack	
16	150	161 303 005	43.00	161 303 030	47.00	1	
20	150	161 303 006	45.00	161 303 031	55.00	1	
25	150	161 303 007	54.00	161 303 032	66.00	1	
32	150	161 303 008	63.00	161 303 033	77.00	1	
40	150	161 303 009	79.00	161 303 034	102.00	1	
50	150	161 303 010	112.00	161 303 035	160.00	1	
63	150	161 303 011	163.00	161 303 036	228.00	1	
75	150	161 303 012	283.00	161 303 037	365.00	1	
90	150	161 303 013	371.00	161 303 038	428.00	1	



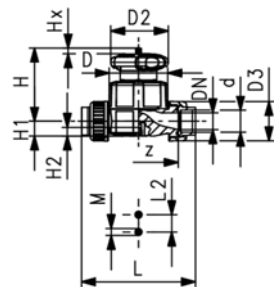
Type 514 PVC Diaphragm Valve With solvent cement sockets metric

Model:

- Double flow rate compared to predecessor
- One housing nut replaces four screws
- Handwheel with built-in locking mechanism
- Designed for easy installation and removal
- Short overall length

Option:

- Contact customer service for customization
- Self adjusting multifunctional module with integrated limit switches
- PN16 available as a configuration



d [mm]	PSI	EPDM Part No.	USD	PTFE/EPDM Part No.	USD	Std. Pack	
16	150	161 514 011	93.00	161 514 031	187.00	1	
20	150	161 514 012	97.00	161 514 032	193.00	1	
25	150	161 514 013	109.00	161 514 033	206.00	1	
32	150	161 514 014	135.00	161 514 034	245.00	1	
40	150	161 514 015	160.00	161 514 035	307.00	1	
50	150	161 514 016	210.00	161 514 036	395.00	1	
63	150	161 514 017	257.00	161 514 037	485.00	1	

d [mm]	D [mm]	D2 [mm]	D3 [mm]	L [mm]	L2 [mm]	H [mm]	H1 [mm]	H2 [mm]	M	z [mm]	Lift = Hx [mm]	closest inch	
16	65	65	43	170	25	73	14	12	M6	142	7	3/8	
20	65	65	43	128	25	73	14	12	M6	96	7	1/2	
25	80	65	51	152	25	81	18	12	M6	114	10	3/4	
32	88	87	58	166	25	107	22	12	M6	122	13	1	
40	101	87	72	192	45	115	26	15	M8	140	15	1 1/4	
50	117	135	83	222	45	148	32	15	M8	160	19	1 1/2	
63	144	135	100	266	45	166	39	15	M8	190	25	2	

^ = 40% Restock Charge

* = Non-Cancelable/Non-Returnable

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