

CPVC Piping System



BCP1001-CPVC Pipe

1.0 Description

Available Size

- DN25mm-350mm | ½"-14"

Working pressure

- PN16

Material

- CPVC

Standard

- ASTM F441

Color

- Gray color or other color upon request

Length

- 4Meters Per length, other length upon request



2.0 Technical Data

No	Pipe Size Inch	Pipe Size DN	Pipe OD size /mm	SCH80		SCH40	
				Wall thickness /mm	Reference Weight /kg	Wall thickness /mm	Reference Weight /kg
1	1/2"	DN15	21.34	3.73	0.323	2.77	0.253
2	3/4"	DN20	26.67	3.91	0.437	2.87	0.336
3	1"	DN25	33.4	4.55	0.645	3.38	0.499
4	1 1/4"	DN32	42.16	4.85	0.89	3.56	0.676
5	1 1/2"	DN40	48.26	5.08	1.078	3.68	0.806
6	2"	DN50	60.32	5.54	1.492	3.91	1.084
7	2 1/2"	DN65	73.02	7.01	2.275	5.16	1.721
8	3"	DN80	88.9	7.62	3.045	5.49	2.251
9	4"	DN100	114.3	8.56	4.45	6.02	3.204
10	5"	DN125	141.3	9.52	6.167	6.55	4.339
11	6"	DN150	168.28	10.97	8.483	7.11	5.633
12	8"	DN200	219.08	12.7	12.885	8.18	8.481
13	10"	DN250	273.05	15.06	19.1	9.27	12.021
14	12"	DN300	323.85	17.45	26.284	10.31	15.891
15	14"	DN350	355.6	19.05	31.518	11.1	18.798

BCP1002-CPVC Fittings-Socket

1.0 Description

Available Size

- DN25mm-150mm | ½"-6"

Working pressure

- PN16

Material

- CPVC

Standard

- ASTM F441

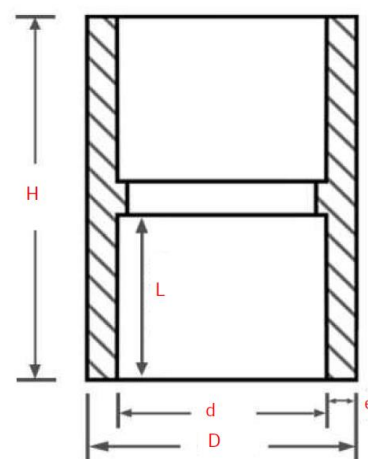
Color

- Gray color or other color upon request

Features

- Resistant to compression,
- UV light, weather, chemicals

2.0 Technical Data



No	Size	D/mm	d/mm	H/mm	L/mm	e/mm
1	1/2"	29.52	21.12	51.29	24.02	4.21
2	3/4"	34.64	26.47	55.32	26.29	4.15
3	1"	44.08	32.94	62.95	29.71	5.47
4	1 1/4"	53.59	41.66	71.56	34.03	5.79
5	1 1/2"	60.46	47.91	75.56	36.15	6.06
6	2"	72.94	60.35	82.19	38.81	6.12
6	2 1/2"	90.45	72.91	97.44	45.67	8.48
8	3"	105.44	89.01	108.47	51.72	7.96
9	4"	132.57	114.21	127.75	59.95	8.64
10	5"	162.27	141.7	158.18	75.67	10.23
11	6"	193.87	169.2	180.54	85.12	12.02

BCP1003-CPVC Fittings-90Elbow

1.0 Description

Available Size

- DN25mm-150mm | ½"-6"

Working pressure

- PN16

Material

- CPVC

Standard

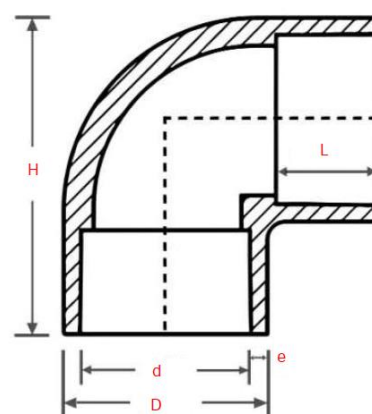
- ASTM F441

Color

- Gray color or other color upon request

Features

- Resistant to compression,
- UV light, weather, chemicals



2.0 Technical Data

No	Size	D/mm	d/mm	H/mm	L/mm	e/mm
1	1/2"	30.41	21.18	51.43	26.02	4.29
2	3/4"	34.85	26.61	58.39	25.9	4.27
3	1"	44.55	33.42	69.22	29.61	5.62
4	1 1/4"	53.57	41.99	86.34	34.12	5.8
5	1 1/2"	60.44	48.24	92.21	36.21	6.14
6	2"	73.19	60.54	107.61	39.19	6.26
7	2 1/2"	90.43	72.94	130.14	45.09	8.55
8	3"	105.4	89.16	149.7	48.42	7.92
9	4"	132.57	114.87	185.05	59.55	8.82
10	5"	161.82	141.42	225.14	66.65	10.04
11	6"	191.27	168.79	263.57	79.4	11.01

BCP1004-CPVC Fittings-45Elbow

1.0 Description

Available Size

- DN25mm-100mm | ½"-4"

Working pressure

- PN16

Material

- CPVC

Standard

- ASTM F441

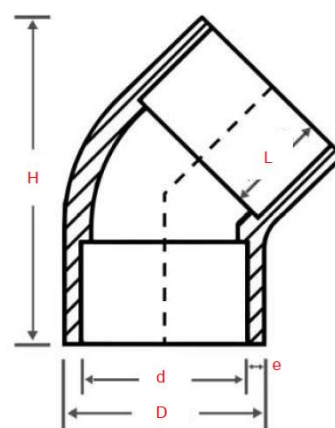
Color

- Gray color or other color upon request

Features

- Resistant to compression,
- UV light, weather, chemicals

2.0 Technical Data



No	Size	D/mm	d/mm	H/mm	L/mm	e/mm
1	1/2"	29.18	21.36	60.03	22.7	4
2	3/4"	34.72	26.66	70	25.88	4.24
3	1"	42.64	33.4	80.25	28.89	4.82
4	1 1/4"	52.93	42.42	90.48	32.61	5.32
5	1 1/2"	61.13	48.26	102.9	34.93	6.33
6	2"	75.21	60.32	118.62	38.26	7.21
7	2 1/2"	88.37	73.3	139.74	45.54	7.34
8	3"	104.69	89.05	165.67	47.61	7.77
9	4"	132.06	114.37	192	57.26	8.65

BCP1005-CPVC Fittings-TEE

1.0 Description

Available Size

- DN25mm-100mm | ½"-4"

Working pressure

- PN16

Material

- CPVC

Standard

- ASTM F441

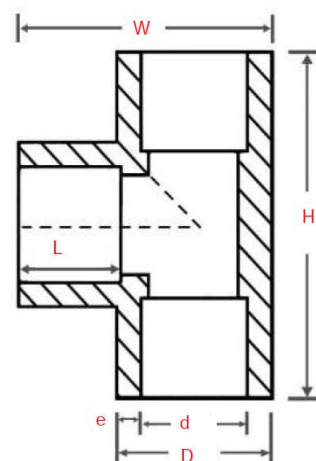
Color

- Gray color or other color upon request

Features

- Resistant to compression,
- UV light, weather, chemicals

2.0 Technical Data



No	Size	D/mm	d/mm	H/mm	W/mm	L/mm	e/mm
1	1/2"	30.1	21.35	72.41	51.45	23.54	4.4
2	3/4"	36.11	26.58	83.18	59.5	26.77	4.56
3	1"	42.73	33.02	93.05	67.84	28.69	4.64
4	1 1/4"	52.88	42.02	116.13	84.34	32.85	5.41
5	1 1/2"	60.65	48.45	124.44	92.26	36.1	6.05
6	2"	71.76	60.16	139.54	106.24	37.96	5.78
7	2 1/2"	87.64	73.08	166.54	126.6	45.52	7.28
8	3"	105.88	88.92	195.44	150.04	49.48	8.31
9	4"	131.98	114.31	237.78	184.68	59.31	9.06

BCP1006-CPVC Fittings-Reducer

1.0 Description

Available Size

- DN25mm-100mm | ½"-4"

Working pressure

- PN16

Material

- CPVC

Standard

- ASTM F441

Color

- Gray color or other color upon request

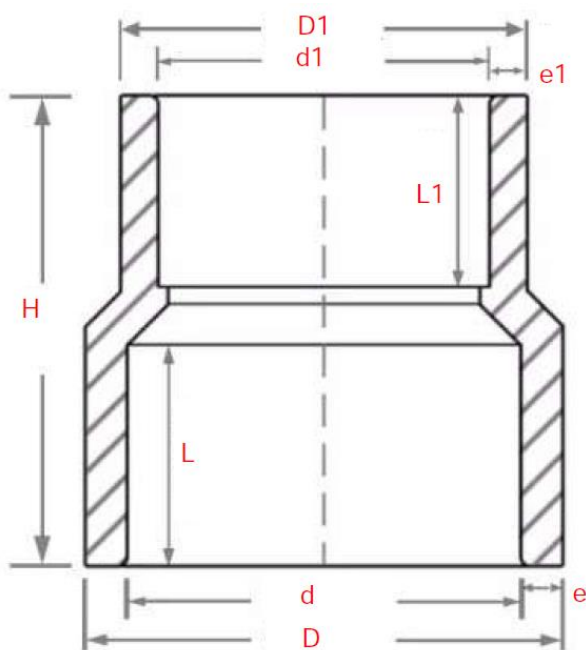
Features

- Resistant to compression,
- UV light, weather, chemicals



2.0 Technical Data

2.1 Special Design



BCP1006-CPVC Fittings-Reducer

2.2 Technical Data

No	Size	D/mm	d/mm	e/mm	L/mm	H/mm	D1/mm	d1/mm	e1/mm	L1/mm
1	3/4"X1/2"	36.77	26.7	5.03	26.32	54.52	30.27	21.4	4.58	23.21
2	1"X1/2"	42.58	33.45	4.58	28.9	61.63	28.99	21.41	4	22.71
3	1"X3/4"	42.66	33.43	4.97	28.93	62.1	34.77	26.78	4.11	25.91
4	1 1/4"X1/2"	51.98	42.24	4.94	32.21	68.54	29.16	21.43	3.95	22.71
5	1 1/4"X3/4"	52.01	42.11	5	32.15	68.13	34.65	26.48	4.03	25.78
6	1 1/4"X1"	51.95	42.24	4.95	32.17	68.25	42.75	33.43	4.66	28.85
6	1 1/2"X1/2"	58.58	48.26	5.26	35.48	73.96	29.02	21.4	3.94	22.76
8	1 1/2"X3/4"	58.87	48.33	5.21	35.33	74.04	34.71	26.73	4.15	25.82
9	1 1/2"X1"	58.8	48.27	5.18	35.12	74.05	42.82	33.52	4.76	28.97
10	1 1/2"X1 1/4"	58.86	48.28	5.27	35.48	74.07	52.13	42.32	5.07	32.15
11	2"X 1/2"	71.8	60.3	5.57	38.53	75.63	29	21.33	3.89	22.67
12	2"X 3/4"	71.78	60.32	5.65	38.59	75.59	34.68	26.72	4.02	25.84
13	2"X 1"	71.83	60.41	5.75	38.7	75.99	42.83	33.4	4.7	29.04
14	2"X 1 1/4"	71.9	60.47	5.73	38.7	82	52.24	42.37	4.97	32.17
15	2"X 1 1/2"	71.86	60.4	5.6	38.6	82.55	58.73	48.14	5.33	35.29
16	2 1/2"X 1 1/2"	87.59	73.11	7.1	45.09	92.7	59	48.49	5.24	34.99
17	2 1/2"X 2"	87.6	73.19	7.15	44.76	92.26	72.04	60.31	5.76	38.18
18	3"X 1 1/2"	104.54	88.95	7.71	47.83	101.79	58.95	48.26	5.28	35.23
19	3"X 2"	104.6	88.92	7.62	47.86	101.95	72.21	60.51	5.7	38.03
20	3"X 2 1/2"	104.53	89.04	7.67	47.97	102.16	87.52	73.11	7.06	44.38
21	4"X 1 1/2"	131.81	114.34	8.74	57.88	105.25	59.15	48.5	5.3	35.25
22	4"X 2"	132.21	114.39	8.84	58.17	120.59	73.27	60.34	6.39	39.05
23	4"X 2 1/2"	131.76	114.31	8.46	57.63	116.56	87.62	73.04	7.24	44.89

BCP1007-CPVC Fittings-Female Socket

1.0 Description

Available Size

- DN25mm-50mm | ½"-2"

Working pressure

- PN16

Material

- CPVC

Standard

- ASTM F441

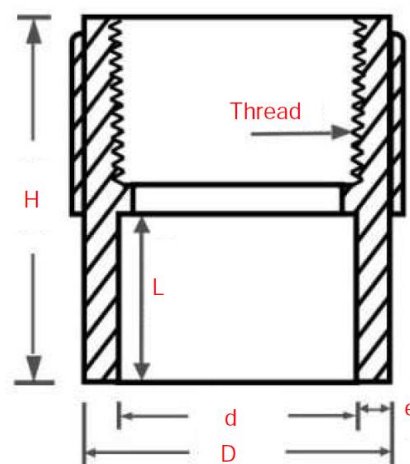
Color

- Gray color or other color upon request

Features

- Resistant to compression,
- UV light, weather, chemicals

2.0 Technical Data



No	Size	D/mm	d/mm	H/mm	L/mm	e/mm
1	1/2"	29.63	21.4	40.62	23.2	4.17
2	3/4"	34.75	26.63	49.21	25.84	4.08
3	1"	42.8	32.26	54.7	28.9	4.66
4	1 1/4"	51.91	42.2	61.61	32.24	4.92
5	1 1/2"	58.62	48.34	66.76	35.3	5.24
6	2"	72	60.4	66.75	39.12	5.8

BCP1008-CPVC Fittings-Male Socket

1.0 Description

Available Size

- DN25mm-50mm | ½"-2"

Working pressure

- PN16

Material

- CPVC

Standard

- ASTM F441

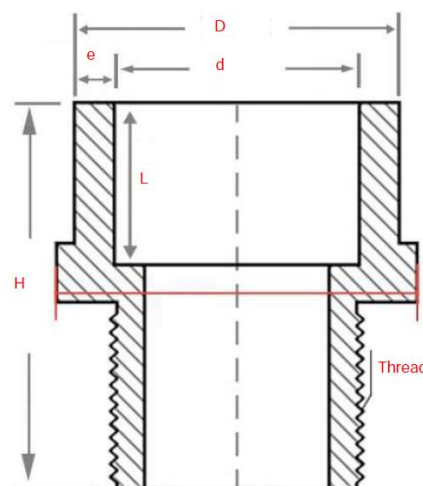
Color

- Gray color or other color upon request

Features

- Resistant to compression,
- UV light, weather, chemicals

2.0 Technical Data



No	Size	D/mm	d/mm	H/mm	L/mm	e/mm
1	1/2"	29.02	21.39	46.77	23.44	3.86
2	3/4"	34.86	26.57	49.97	26.24	4.08
3	1"	42.85	33.51	56.92	29.54	4.83
4	1 1/4"	52.34	42.24	59.32	32.58	5.12
5	1 1/2"	61.38	48.42	66.53	35.61	6.3
6	2"	72.25	60.33	71.53	39.03	5.86
6	2 1/2"	88.06	73	82.64	45.34	7.26
8	3"	105.36	89.06	89.03	48.62	8.1
9	4"	132.57	114.66	105.93	58.07	8.75

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