

CPVC SCH80 PIPE

TRT Pipe is Manufactured to The Following Standard Specifications

Type	Material (Cell Classification)	Dimensions	Commercial Classification
PVC Schedule 80	ASTM D-1784 (12454)	ASTM D-1785	Type I ,Grade 1, PVC 1120
CPVC Schedule 80	ASTM D-1784 (23447)	ASTM F-441	Type IV ,Grade 1, CPVC 4120

*ASTM F480 Well Casing

TRT pipe and fittings are approved by NSF International 14 and 61.

NSF standard 14 : Plastics Piping System Components and Related Materials

NSF standard 61 : Drinking Water System Components - Health Effects

Schedule 80 PVC and CPVC Pipe Dimensions, Weights and Maximum Operating Pressure



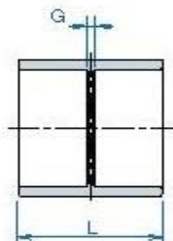
Nominal Pipe Size		Outside Diameter		Wall Thickness		Approx. Inside Diameter	Nominal Weight		Max. operating Pressure
							PVC	CPVC	
inch	mm	mm		mm		mm	kg/m	kg/m	MPa
1/2"	15	21.34	±0.10	3.73	+0.51	13.4	0.31	0.34	5.86
3/4"	20	26.67	±0.10	3.91	+0.51	18.3	0.42	0.46	4.76
1"	25	33.40	±0.13	4.55	+0.53	23.8	0.62	0.67	4.34
1-1/4"	32	42.16	±0.13	4.85	+0.58	31.9	0.86	0.93	3.59
1-1/2"	40	48.26	±0.15	5.08	+0.61	37.5	1.04	1.12	3.24
2"	50	60.32	±0.15	5.54	+0.66	48.6	1.44	1.56	2.76
2-1/2"	65	73.02	±0.18	7.01	+0.84	58.2	2.19	2.37	2.90
3"	80	88.90	±0.20	7.62	+0.91	72.8	2.93	3.18	2.55
4"	100	114.30	±0.23	8.56	+1.02	96.2	4.29	4.65	2.21
5"	125	141.30	±0.25	9.53	+1.14	121.1	5.95	6.45	2.00
6"	150	168.28	±0.28	10.97	+1.32	145.0	8.19	8.87	1.93
8"	200	219.08	±0.38	12.70	+1.52	192.2	12.43	13.48	1.72
10"	250	273.05	±0.38	15.06	+1.80	241.1	18.44	19.98	1.59
12"	300	323.85	±0.38	17.45	+2.08	286.9	25.37	27.49	1.59
14"	350	366.60	±0.38	19.05	+2.29	315.2	30.43	32.98	1.52
16"	400	406.40	±0.48	21.41	+2.57	361.0	39.13	42.41	1.52
18"	450	457.20	±0.48	23.80	+2.84	406.8	48.94	53.05	1.52
20"	500	508.00	±0.58	26.19	+3.15	452.5	59.90	64.92	1.52
24"	600	609.60	±0.79	30.94	+3.71	544.0	84.97	92.11	1.45

NOTE: Maximum Operating Pressure is applied to 23°C

CPVC SCH80 FITTINGS

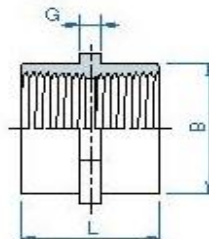
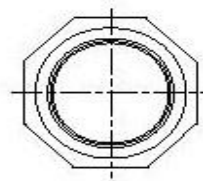
Coupling

Coupling S X S



Size	mm		Weight (kg/pc)	
	L	G	PVC	CPVC
1/2"	50	5.6	0.024	0.026
3/4"	56	5.2	0.031	0.034
1"	63	5.8	0.045	0.049
1-1/4"	69	5.5	0.080	0.087
1-1/2"	75	5.1	0.110	0.120
2"	85	8.8	0.160	0.175
2-1/2"	96	7.1	0.255	0.278
3"	102	6.7	0.384	0.419
4"	123	8.7	0.553	0.604
5"	144	8.0	0.860	0.939
6"	165	10.0	1.372	1.498
8"	216	10.0	3.075	3.300
10"	295	15.0	6.170	6.340
12"	330	20.0	9.195	9.680
14"	480	19.4	14.595	16.240
16"	538	28.0	21.590	24.190

Coupling FT X FT



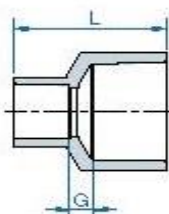
Size	mm			Weight (kg/pc)	
	L	G	B	PVC	CPVC
1/2"	39.0	5.0	32.5	0.028	0.029
3/4"	39.0	5.0	38.1	0.036	0.037
1"	47.0	6.0	46.0	0.059	0.062
1-1/4"	55.0	6.0	56.0	0.092	0.097
1-1/2"	55.0	7.0	63.5	0.116	0.121
2"	60.5	9.5	77.0	0.166	0.175
2-1/2"	87.0	10.0	91.0	0.325	0.341
3"	90.0	12.0	107.0	0.412	0.433
4"	96.0	13.0	138.0	0.708	0.743

CPVC SCH80 FITTINGS

Reducing Coupling

Reducing Coupling

S X S



Size	mm		Weight (kg/pc)	
	L	G	PVC	CPVC
3/4" x 1/2"	53.5	5.9	0.026	0.029
1" x 1/2"	60.0	9.2	0.042	0.046
1" x 3/4"	60.0	6.0	0.040	0.044
1-1/4" x 1/2"	68.0	14.0	0.063	0.069
1-1/4" x 3/4"	68.0	10.9	0.061	0.066
1-1/4" x 1"	68.0	7.7	0.070	0.076
1-1/2" x 1/2"	75.0	17.9	0.083	0.090
1-1/2" x 3/4"	75.0	14.7	0.080	0.088
1-1/2" x 1"	75.0	11.5	0.089	0.098
1-1/2" x 1-1/4"	75.0	8.3	0.099	0.108
2" x 1/2"	83.0	22.7	0.118	0.128
2" x 3/4"	83.0	19.5	0.115	0.125
2" x 1"	83.0	16.3	0.124	0.135
2" x 1-1/4"	83.0	13.2	0.134	0.146
2" x 1-1/2"	83.0	10.0	0.142	0.154
2-1/2" x 1-1/2"	93.0	13.6	0.205	0.224
2-1/2" x 2"	93.0	10.5	0.222	0.242
3" x 1"	106.0	29.8	0.317	0.346
3" x 1-1/2"	106.0	23.4	0.313	0.342
3" x 2"	106.0	20.3	0.443	0.483
3" x 2-1/2"	106.0	13.9	0.361	0.394

Size	mm		Weight (kg/pc)	
	L	G	PVC	CPVC
4" x 2"	125.0	29.8	0.509	0.556
4" x 2-1/2"	125.0	23.4	0.535	0.584
4" x 3"	125.0	20.2	0.597	0.652
5" x 4"	144.0	18.9	0.860	1.014
6" x 3"	168.0	41.9	1.508	1.646
6" x 4"	168.0	31.8	1.413	1.542
6" x 5"	168.0	21.2	1.494	1.631
8" x 4"	218.0	57.9	2.751	3.003
8" x 6"	220.0	39.0	2.956	3.227
10" x 8"	287.0	44.0	5.622	6.137
12" x 8"	331.7	76.7	8.218	8.971
12" x 10"	328.0	26.0	8.784	9.589
14" x 12"	425.1	40.0	13.060	16.300
16" x 12"	493.0	88.0	18.400	20.608
16" x 14"	543.2	62.6	25.800	28.900

Combination Table of Coupling

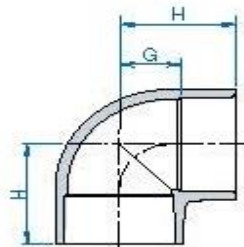
+ : Coupling without Bushing +B : with one Bushing +B*2 : with 2 pieces of Bushing

		Reducing Size															
		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
Inlet Size	1/2"	+															
	3/4"	+	+														
	1"	+	+	+													
	1-1/4"	+	+	+	+												
	1-1/2"	+	+	+	+	+											
	2"	+	+	+	+	+	+										
	2-1/2"	+B	+B	+B	+B	+	+	+									
	3"	+B	+B	+	+B	+	+	+	+								
	4"	+B	+B	+B	+B	+B	+	+	+	+							
	5"	+B*2	+B*2	+B	+B	+B	+B	+B	+B	+	+						
	6"	+B*2	+B*2	+B	+B	+B	+B	+B	+	+	+	+					
	8"	+B*2	+B*2	+B	+B	+B	+B	+B	+B	+	+B	+	+				
	10"			+B*2	+B*2	+B*2	+B*2	+B*2	+B*2	+B	+B*2	+B	+	+			
	12"			+B*2	+B*2	+B*2	+B*2	+B*2	+B*2	+B	+B*2	+B	+	+	+		
	14"								+B*2	+B*2	+B*2	+B	+B	+B	+	+	
	16"								+B*2	+B*2	+B*2	+B	+B	+B	+	+	+

CPVC SCH80 FITTINGS

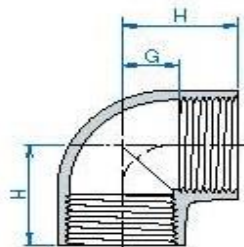
90° Elbow

90° Elbow S X S



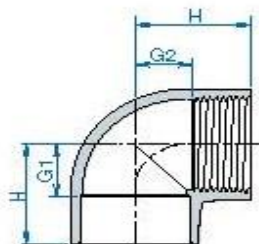
Size	mm		Weight (kg/pc)	
	G	H	PVC	CPVC
1/2"	15.3	37.5	0.037	0.040
3/4"	17.1	42.5	0.045	0.049
1"	21.4	50.0	0.080	0.087
1-1/4"	26.3	58.0	0.140	0.153
1-1/2"	30.1	65.0	0.185	0.202
2"	35.9	74.0	0.270	0.295
2-1/2"	44.6	89.0	0.464	0.506
3"	53.4	101.0	0.771	0.842
4"	63.9	121.0	1.240	1.354
5"	77.5	150.0	2.185	2.385
6"	93.2	173.0	3.530	3.853
8"	120.1	225.0	7.135	7.788
10"	150.0	290.0	12.585	12.700
12"	172.1	327.1	18.835	19.325
14"	197.0	426.6	26.100	28.290
16"	235.4	492.0	40.890	44.000

90° Elbow FT X FT



Size	mm		Weight (kg/pc)	
	G	H	PVC	CPVC
1/2"	15.0	33.0	0.047	0.054
3/4"	17.0	35.0	0.065	0.074
1"	22.0	43.0	0.100	0.132
1-1/4"	26.3	52.3	0.175	0.217
1-1/2"	30.0	56.0	0.234	0.314
2"	36.0	63.0	0.428	0.471
2-1/2"	44.5	84.5	0.716	0.788
3"	52.0	94.0	1.309	1.440
4"	63.5	108.0	2.165	2.363

90° Elbow S X FT

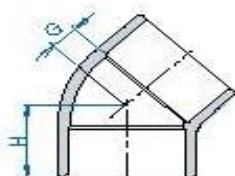


Size	mm			Weight (kg/pc)	
	G1	G2	H	PVC	CPVC
1/2"	15.3	19.5	37.5	0.037	0.040
3/4"	17.1	24.5	42.5	0.045	0.049
1"	21.4	28.0	50.0	0.080	0.087
1-1/4"	26.3	32.0	58.0	0.140	0.153
1-1/2"	30.1	39.0	65.0	0.185	0.202
2"	35.9	47.0	74.0	0.270	0.295
2-1/2"	44.6	49.0	89.0	0.464	0.506
3"	53.4	59.0	101.0	0.771	0.842
4"	63.9	76.6	121.0	1.240	1.354

CPVC SCH80 FITTINGS

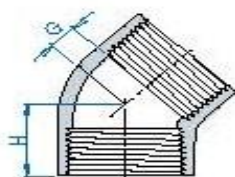
45° Elbow

45° Elbow S X S



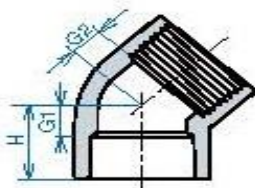
Size	mm		Weight (kg/pc)	
	G	H	PVC	CPVC
1/2"	7	29	0.030	0.033
3/4"	9	34	0.040	0.044
1"	8	37	0.064	0.070
1-1/4"	11	43	0.102	0.111
1-1/2"	12	47	0.130	0.142
2"	17	55	0.190	0.207
2-1/2"	20	64	0.359	0.392
3"	24	72	0.580	0.633
4"	29	86	0.915	0.999
5"	36	106	1.595	1.741
6"	41	120	2.580	2.816
8"	50	155	4.925	5.376
10"	60	207	9.375	9.960
12"	81	235	15.330	16.733
14"	101	329	21.100	23.180
16"	107	360	28.732	32.180

45° Elbow FT X FT



Size	mm		Weight (kg/pc)	
	G	H	PVC	CPVC
1/2"	6.8	24.8	0.040	0.044
3/4"	8.5	26.5	0.058	0.063
1"	9.5	31.5	0.094	0.103
1-1/4"	11.3	37.3	0.146	0.160
1-1/2"	12.1	38.1	0.200	0.218
2"	17.0	44.0	0.298	0.326
2-1/2"	19.5	64.0	0.537	0.591
3"	24.0	72.0	0.920	1.012
4"	28.5	86.0	1.503	1.640

45° Elbow S X FT

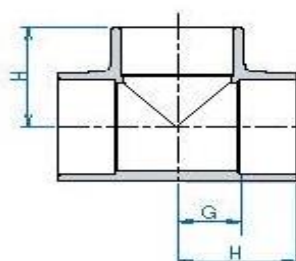


Size	mm			Weight (kg/pc)	
	G1	G2	H	PVC	CPVC
1/2"	6.8	8.5	24.0	0.030	0.033
3/4"	8.6	4.4	34.0	0.040	0.044
1"	8.4	10.4	37.0	0.064	0.070
1-1/4"	11.3	15.7	43.0	0.102	0.111
1-1/2"	12.1	16.5	47.0	0.130	0.142
2"	16.4	21.1	55.0	0.140	0.207
2-1/2"	14.6	33.8	64.0	0.354	0.342
3"	24.4	38.5	72.0	0.580	0.633
4"	28.9	50.5	86.0	0.415	0.444

CPVC SCH80 FITTINGS

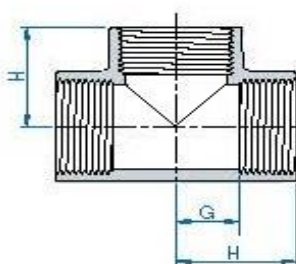
Tee

Tee S X S X S



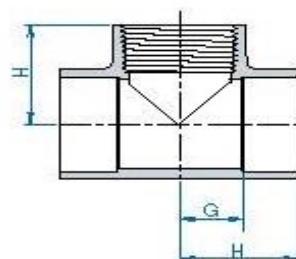
Size	mm		Weight (kg/pc)	
	G	H	PVC	CPVC
1/2"	15.3	37.5	0.050	0.055
3/4"	17.1	42.5	0.065	0.071
1"	21.4	50.0	0.105	0.115
1-1/4"	26.3	58.0	0.184	0.201
1-1/2"	30.1	65.0	0.235	0.257
2"	35.9	74.0	0.355	0.388
2-1/2"	44.6	89.0	0.619	0.676
3"	53.4	101.0	1.010	1.102
4"	63.9	121.0	1.581	1.726
5"	79.5	147.5	2.684	2.930
6"	94.6	173.0	4.325	4.721
8"	122.0	225.0	8.980	9.802
10"	150.0	290.0	15.250	16.646
12"	181.8	330.0	25.245	25.830
14"	197.8	426.6	35.885	38.800
16"	236.2	492.0	54.570	58.600

Tee FT X FT X FT



Size	mm		Weight (kg/pc)	
	G	H	PVC	CPVC
1/2"	16.7	33.0	0.066	0.072
3/4"	18.5	35.0	0.091	0.099
1"	22.4	43.0	0.150	0.164
1-1/4"	30.7	52.3	0.249	0.272
1-1/2"	34.4	56.0	0.334	0.365
2"	40.1	63.0	0.503	0.553
2-1/2"	58.8	89.0	0.866	0.946
3"	68.0	101.0	1.467	1.614
4"	86.0	121.0	2.336	2.560

Tee S X S X FT

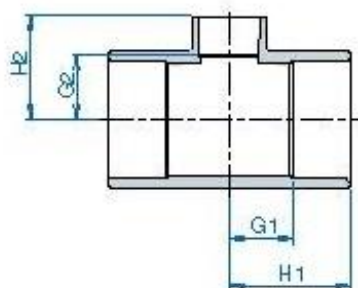


Size	mm		Weight (kg/pc)	
	G	H	PVC	CPVC
1/2"	15.3	37.5	0.050	0.055
3/4"	17.1	42.5	0.065	0.071
1"	21.4	50.0	0.105	0.115
1-1/4"	26.3	58.0	0.184	0.201
1-1/2"	30.1	65.0	0.235	0.257
2"	35.9	74.0	0.355	0.388
2-1/2"	44.6	89.0	0.619	0.676
3"	53.4	101.0	1.010	1.102
4"	63.9	121.0	1.581	1.726

CPVC SCH80 FITTINGS

Reducing Tee

Reducing Tee S X S X S



Size	mm				Weight (kg/pc)	
	G1	G2	H1	H2	PVC	CPVC
3/4" x 1/2"	17.1	17.5	42.5	40.0	0.060	0.067
1" x 1/2"	21.4	21.5	50.0	44.0	0.096	0.107
1" x 3/4"	21.4	21.5	50.0	46.0	0.098	0.109
1-1/4" x 1/2"	26.3	26.5	58.0	48.0	0.152	0.170
1-1/4" x 3/4"	26.3	26.5	58.0	52.0	0.154	0.172
1-1/4" x 1"	26.3	26.5	58.0	54.0	0.159	0.178
1-1/2" x 1/2"	30.1	30.0	65.0	52.0	0.200	0.223
1-1/2" x 3/4"	30.1	30.0	65.0	55.0	0.202	0.226
1-1/2" x 1"	30.1	30.0	65.0	58.0	0.207	0.231
1-1/2" x 1-1/4"	30.1	30.0	65.0	62.0	0.216	0.241
2" x 1/2"	35.9	36.5	74.0	58.0	0.281	0.314
2" x 3/4"	35.9	36.5	74.0	61.0	0.283	0.316
2" x 1"	35.9	36.5	74.0	66.0	0.292	0.326
2" x 1-1/4"	35.9	36.5	74.0	68.0	0.303	0.338
2" x 1-1/2"	35.9	36.5	74.0	71.0	0.312	0.349
2-1/2" x 1-1/2"	44.6	44.0	89.0	77.0	0.534	0.596
2-1/2" x 2"	44.6	44.0	89.0	82.0	0.552	0.617
3" x 1-1/2"	53.4	53.5	101.0	85.0	0.711	0.794
3" x 2"	53.4	53.5	101.0	90.0	0.733	0.819
3" x 2-1/2"	53.4	53.5	101.0	97.0	0.768	0.858
4" x 2"	63.9	66.5	121.0	101.0	1.328	1.483
4" x 2-1/2"	63.9	66.5	121.0	108.0	1.326	1.481
4" x 3"	63.9	66.5	121.0	115.5	1.380	1.541
5" x 4"	79.5	81.0	147.5	136.0	2.605	2.790
6" x 3"	94.8	96.0	173.0	143.0	3.980	4.240
6" x 4"	94.8	96.0	173.0	152.0	4.015	4.320
6" x 5"	94.6	96.0	173.0	165.0	4.180	4.510
8" x 3"	122.0	123.5	225.0	170.0	8.290	8.420
8" x 4"	122.0	123.5	225.0	180.0	8.190	8.560
8" x 6"	122.0	123.5	225.0	202.6	8.545	8.915
10" x 4"	150.0	153.5	290.0	210.0	13.435	14.285
10" x 6"	150.0	153.5	290.0	261.0	14.645	15.440
12" x 4"	175.0	181.5	330.0	240.5	20.965	21.940
12" x 6"	175.0	181.5	330.0	286.0	21.600	22.550
12" x 10"	175.0	181.5	330.0	331.2	23.120	24.475
14" x 12"	198.0	197.0	426.6	369.5	32.950	38.500
16" x 12"	238.0	225.5	492.0	418.4	49.000	56.000
16" x 14"	238.0	225.5	492.0	492.0	50.100	56.000

CPVC SCH80 FITTINGS

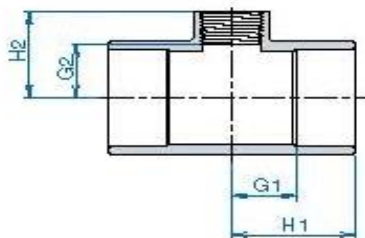
Combination Table of Tee

+ : Tee without Bushing +B: with one Bushing +B*2: with 2 pieces of Bushing

Main Size	Branch Size															
	1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"	14"	16"
1/2"	+															
3/4"	+	+														
1"	+	+	+													
1-1/4"	+	+	+	+												
1-1/2"	+	+	+	+	+											
2"	+	+	+	+	+	+										
2-1/2"	+B	+B	+B	+B	+	+	+									
3"	+B	+B	+B	+B	+	+	+	+								
4"	+B	+B	+B	+B	+B	+	+	+	+							
5"	+B*2	+B*2	+B	+B	+B	+B	+B	+B	+	+						
6"	+B*2	+B*2	+B	+B	+B	+B	+B	+	+	+	+					
8"	+B*2	+B*2	+B	+B	+B	+B	+B	+	+	+B	+	+				
10"	+B*2	+B*2	+B	+B	+B	+B	+B	+B	+	+B*2	+B	+	+			
12"	+B*2	+B*2	+B	+B	+B	+B	+B	+B	+	+B*2	+B	+	+	+		
14"								+B*2	+B*2	+B*2	+B	+B	+B	+	+	
16"								+B*2	+B*2	+B*2	+B	+B	+B	+	+	+

Reducing Tee

Reducing Tee S X S X FT

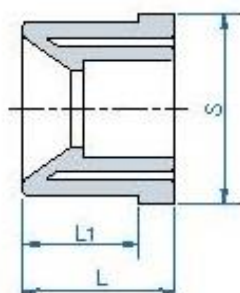


Size	mm				Weight (kg/pc)	
	G1	G2	H1	H2	PVC	CPVC
3/4" x 1/2"	17.10	17.78	42.5	40.0	0.060	0.067
1" x 1/2"	21.42	21.78	50.0	44.0	0.096	0.107
1" x 3/4"	21.42	20.60	50.0	46.0	0.098	0.109
1-1/4" x 1/2"	26.25	25.78	58.0	48.0	0.152	0.170
1-1/4" x 3/4"	26.25	26.60	58.0	52.0	0.154	0.172
1-1/4" x 1"	26.25	25.42	58.0	54.0	0.159	0.178
1-1/2" x 1/2"	30.07	29.78	65.0	52.0	0.200	0.223
1-1/2" x 3/4"	30.07	29.60	65.0	55.0	0.202	0.226
1-1/2" x 1"	30.07	29.42	65.0	58.0	0.207	0.231
1-1/2" x 1-1/4"	30.07	30.25	65.0	62.0	0.216	0.241
2" x 1/2"	35.90	35.78	74.0	58.0	0.281	0.314
2" x 3/4"	35.90	36.60	74.0	61.0	0.283	0.316
2" x 1"	35.90	37.42	74.0	66.0	0.292	0.326
2" x 1-1/4"	35.90	36.25	74.0	68.0	0.303	0.338
2" x 1-1/2"	35.90	36.07	74.0	71.0	0.312	0.349
2-1/2" x 1-1/2"	44.45	42.07	89.0	77.0	0.534	0.596
2-1/2" x 2"	44.45	43.90	89.0	82.0	0.552	0.617
3" x 1-1/2"	53.37	50.07	101.0	85.0	0.711	0.794
3" x 2"	53.37	51.90	101.0	90.0	0.733	0.819
3" x 2-1/2"	53.37	52.55	101.0	97.0	0.768	0.858
4" x 2"	63.85	62.90	121.0	101.0	1.328	1.483
4" x 2-1/2"	63.85	63.55	121.0	108.0	1.326	1.481
4" x 3"	63.85	64.37	121.0	112.0	1.380	1.541
5" x 4"	79.50	78.85	147.5	136.0	1.984	2.216
6" x 3"	95.00	95.37	173.0	143.0	3.350	3.742
6" x 4"	95.00	94.85	173.0	152.0	3.328	3.717
8" x 3"	122.00	122.37	225.0	170.0	7.720	8.623
8" x 4"	122.00	122.85	225.0	180.0	7.880	8.780
10" x 4"	150.00	152.85	290.0	210.0	14.010	15.649
12" x 4"	175.00	183.00	330.0	240.5	21.900	24.090

CPVC SCH80 FITTINGS

Reducing Bushing

Reducing Bushing
S X S



Size	mm			Weight (kg/pc)	
	L	L1	S	PVC	CPVC
3/4" x 1/2"	33	25	30	0.012	0.013
1" x 1/2"	36	29	38	0.027	0.030
1" x 3/4"	36	29	38	0.019	0.021
1-1/4" x 1/2"	41	32	47	0.051	0.057
1-1/4" x 3/4"	41	32	47	0.048	0.054
1-1/4" x 1"	41	32	47	0.036	0.040
1-1/2" x 1/2"	44	35	53	0.067	0.075
1-1/2" x 3/4"	44	35	53	0.068	0.076
1-1/2" x 1"	44	35	53	0.058	0.065
1-1/2" x 1-1/4"	44	35	53	0.034	0.038
2" x 1/2"	50	38	66	0.114	0.127
2" x 3/4"	50	38	66	0.114	0.127
2" x 1"	50	38	66	0.116	0.130
2" x 1-1/4"	50	38	66	0.103	0.116
2" x 1-1/2"	50	38	66	0.085	0.095
2-1/2" x 1-1/2"	55	44	78	0.160	0.179
2-1/2" x 2"	55	44	78	0.118	0.132
3" x 1"	58	48	94	0.244	0.273
3" x 1-1/2"	58	48	94	0.258	0.288
3" x 2"	58	48	94	0.245	0.274
3" x 2-1/2"	58	48	94	0.173	0.193
4" x 1"	70	57	120	0.540	0.603
4" x 1-1/4"	70	57	120	0.602	0.672
4" x 1-1/2"	70	57	120	0.597	0.667
4" x 2"	70	57	120	0.460	0.514
4" x 2-1/2"	70	57	120	0.420	0.469
4" x 3"	70	57	120	0.354	0.395
5" x 4"	82	67	150	0.474	0.529
6" x 3"	92	78	175	1.123	1.254
6" x 4"	92	78	175	1.250	1.396
6" x 5"	92	78	175	0.853	0.953
8" x 4"	120	102	230	2.180	1.396
8" x 6"	120	102	230	2.458	2.746
10" x 6"	158	138	285	4.185	4.675
10" x 8"	158	138	285	4.648	5.192
12" x 6"	174	154	340	7.271	8.122
12" x 8"	174	154	340	7.585	8.472
12" x 10"	174	154	340	6.624	7.399

CPVC SCH80 FITTINGS

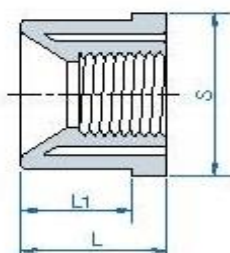
Combination Table for Reducing Bushing

+ : Bushing without Bushing +B : with an additional Bushing +B*2 : with two additional Bushing

		Bushing													
		1/2"	3/4"	1"	1-1/4"	1-1/2"	2"	2-1/2"	3"	4"	5"	6"	8"	10"	12"
Bushing	1/2"														
	3/4"	+													
	1"	+	+												
	1-1/4"	+	+	+											
	1-1/2"	+	+	+	+										
	2"	+	+	+	+	+									
	2-1/2"	+B	+B	+B	+B	+	+								
	3"	+B	+B	+	+B	+	+	+							
	4"	+B	+B	+	+	+	+	+	+						
	5"	+B*2	+B*2	+B	+B	+B	+B	+B	+B	+					
	6"	+B*2	+B*2	+B	+B	+B	+B	+B	+	+	+				
	8"	+B*2	+B*2	+B	+B	+B	+B	+B	+B	+	+B	+			
	10"	-	-	+B*2	+B*2	+B*2	+B*2	+B*2	+B*2	+B	+B	+	+		
	12"	-	-	+B*2	+B*2	+B*2	+B*2	+B*2	+B*2	+B	+B	+	+	+	

Reducing Bushing

S X FT



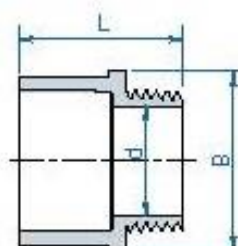
Size	mm			Weight (kg/pc)	
	L	L1	S	PVC	CPVC
3/4" x 1/2"	33	25	30	0.012	0.013
1" x 1/2"	36	29	38	0.027	0.030
1" x 3/4"	36	29	38	0.019	0.021
1-1/4" x 1/2"	41	32	47	0.051	0.057
1-1/4" x 3/4"	41	32	47	0.048	0.054
1-1/4" x 1"	41	32	47	0.036	0.040
1-1/2" x 1/2"	44	35	53	0.067	0.075
1-1/2" x 3/4"	44	35	53	0.068	0.076
1-1/2" x 1"	44	35	53	0.058	0.065
1-1/2" x 1-1/4"	44	35	53	0.034	0.038
2" x 1/2"	50	38	66	0.114	0.127
2" x 3/4"	50	38	66	0.114	0.127
2" x 1"	50	38	66	0.116	0.130
2" x 1-1/4"	50	38	66	0.103	0.115
2" x 1-1/2"	50	38	66	0.085	0.095
2-1/2" x 1-1/2"	56	44	78	0.160	0.179
2-1/2" x 2"	56	44	78	0.118	0.132
3" x 1"	58	48	94	0.244	0.273
3" x 1-1/2"	58	48	94	0.258	0.288
3" x 2"	58	48	94	0.245	0.274
3" x 2-1/2"	58	48	94	0.173	0.193
4" x 1"	70	57	120	0.540	0.603
4" x 1-1/4"	70	57	120	0.602	0.672
4" x 1-1/2"	70	57	120	0.597	0.667
4" x 2"	70	57	120	0.460	0.514
4" x 2-1/2"	70	57	120	0.420	0.469
4" x 3"	70	57	120	0.354	0.396
5" x 4"	82	67	150	0.474	0.529
6" x 3"	92	78	175	1.123	1.254
6" x 4"	92	78	175	1.250	1.396
8" x 4"	120	102	230	2.180	1.396

CPVC SCH80 FITTINGS

Male Adapter

Male Adapter

Mpt X S

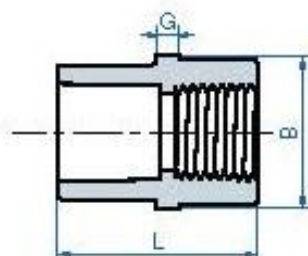


Size	mm			Weight (kg/pc)	
	L	d	B	PVC	CPVC
1/2"	46	13	33	0.023	0.026
3/4"	50	18	39	0.025	0.028
1"	56	24	47	0.040	0.045
1-1/4"	63	32	58	0.064	0.071
1-1/2"	66	37	64	0.090	0.101
2"	73	49	77	0.120	0.134
2-1/2"	93	58	94	0.220	0.246
3"	98	72	111	0.300	0.335
4"	112	96	139	0.510	0.570

Female Adapter

Female Adapter

S X FT

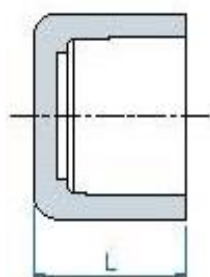


Size	mm			Weight (kg/pc)	
	L	G	B	PVC	CPVC
1/2"	44	5	33	0.031	0.034
3/4"	47	5	38	0.042	0.046
1"	54	6	46	0.063	0.069
1-1/4"	60	6	56	0.103	0.113
1-1/2"	65	7	64	0.143	0.157
2"	70	10	77	0.219	0.239
2-1/2"	92	10	91	0.336	0.367
3"	96	12	107	0.517	0.564
4"	108	13	138	0.782	0.853

CPVC SCH80 FITTINGS

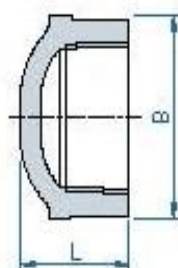
Cap

Socket Cap



Size	mm	Weight (kg/pc)	
	L	PVC	CPVC
1/2"	30.0	0.015	0.017
3/4"	36.0	0.025	0.029
1"	41.0	0.040	0.046
1-1/4"	47.0	0.065	0.074
1-1/2"	52.0	0.106	0.120
2"	59.0	0.150	0.172
2-1/2"	67.0	0.245	0.280
3"	77.0	0.435	0.497
4"	92.0	0.620	0.709
5"	107.0	0.915	1.046
6"	124.0	1.480	1.692
8"	165.0	2.790	3.190
10"	191.0	5.355	6.121
12"	215.0	8.136	9.300

Threaded Cap

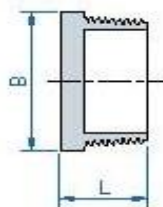


Size	mm		Weight (kg/pc)	
	L	B	PVC	CPVC
1/2"	28.0	32.5	0.020	0.022
3/4"	31.0	38.1	0.029	0.032
1"	37.0	46.0	0.046	0.050
1-1/4"	41.0	56.0	0.073	0.080
1-1/2"	42.0	63.5	0.110	0.120
2"	46.0	77.0	0.149	0.163
2-1/2"	65.5	91.0	0.257	0.281
3"	73.0	107.0	0.431	0.471
4"	84.5	138.0	0.592	0.646

CPVC SCH80 FITTINGS

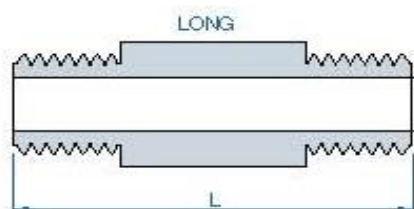
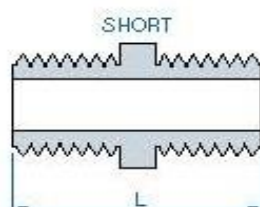
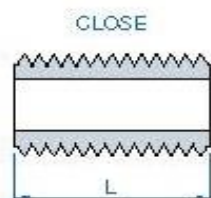
Plug

Cap and Plug
Mpt Plug



Size	mm		Weight (kg/pc)	
	L	B	PVC	CPVC
1/2"	24.5	24	0.008	0.009
3/4"	25.0	30	0.012	0.013
1"	28.0	38	0.026	0.028
1-1/4"	32.5	47	0.034	0.037
1-1/2"	33.0	53	0.045	0.049
2"	36.5	65	0.085	0.093
2-1/2"	50.0	79	0.128	0.140
3"	52.0	95	0.193	0.211
4"	54.5	120	0.347	0.379

Nipple

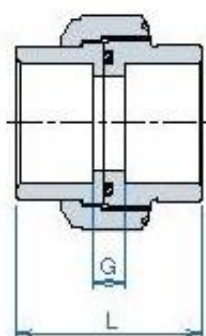


Size	mm	Weight (kg/pc)	
	L	PVC	CPVC
1/2"	1-3/4", 2", 3", 4", 5", 6", 8", 10", 12"	-	-
3/4"	1-3/4", 2", 3", 4", 5", 6", 8", 10", 12"	-	-
1"	2", 3", 4", 5", 6", 8", 10", 12"	-	-
1-1/4"	2", 3", 4", 5", 6", 8", 10", 12"	-	-
1-1/2"	2", 3", 4", 5", 6", 8", 10", 12"	-	-
2"	2", 3", 4", 5", 6", 8", 10", 12"	-	-
2-1/2"	3", 4", 5", 6", 8", 10", 12"	-	-
3"	4", 5", 6", 8", 10", 12"	-	-
4"	4", 5", 6", 8", 10", 12"	-	-

CPVC SCH80 FITTINGS

Union (O-Ring Seat)

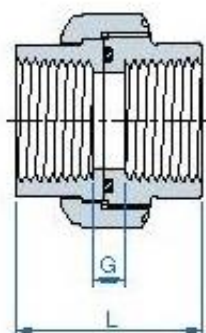
Union (O-Ring Seat) S X S



O-ring: EPDM, FKM

Size	mm		Weight (kg/pc)	
	L	G	PVC	CPVC
1/2"	52	6.5	0.046	0.050
3/4"	59	7.5	0.073	0.079
1"	67	8.0	0.130	0.143
1-1/4"	76	12.5	0.204	0.223
1-1/2"	82	10.5	0.269	0.294
2"	92	14.0	0.426	0.468
2-1/2"	108	19.0	0.656	0.719
3"	120	25.0	1.076	1.159
4"	152	37.0	1.862	2.031

Union (O-Ring Seat) FT X FT



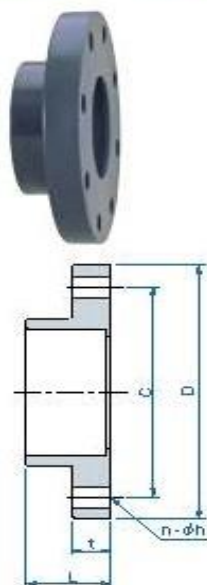
O-ring: EPDM, FKM

Size	mm		Weight (kg/pc)	
	L	G	PVC	CPVC
1/2"	52	7.6	0.046	0.050
3/4"	59	8.2	0.073	0.079
1"	67	7.2	0.130	0.143
1-1/4"	76	9.2	0.204	0.223
1-1/2"	82	8.5	0.269	0.294
2"	92	12.0	0.426	0.468
2-1/2"	108	19.1	0.656	0.719
3"	120	24.7	1.076	1.159
4"	152	37.7	1.862	2.031

CPVC SCH80 FITTINGS

One Piece Flange

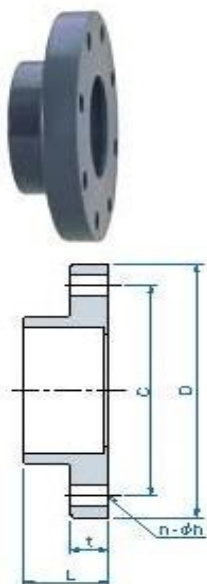
Flange (ANSI) - Socket (ASTM)



Size	mm						Weight (kg/pc)	
	L	t	C	D	n	h	PVC	CPVC
1/2"	25.0	11.5	60.3	89.0	4	15.7	0.094	0.106
3/4"	29.5	13.0	69.0	98.8	4	15.7	0.120	0.134
1"	32.0	14.5	79.5	108.3	4	15.7	0.190	0.212
1-1/4"	38.5	17.6	88.9	118.8	4	15.7	0.240	0.268
1-1/2"	40.5	19.0	98.4	127.5	4	15.7	0.310	0.346
2"	46.6	19.5	120.6	152.0	4	19.1	0.458	0.512
2-1/2"	51.0	22.5	139.5	177.0	4	19.1	0.715	0.799
3"	55.0	27.1	152.4	192.8	4	19.1	0.880	0.983
4"	64.0	29.3	190.5	229.7	8	19.1	1.340	1.497
5"	82.0	28.0	215.9	254.0	8	22.4	1.648	1.841
6"	84.5	25.5	241.3	279.0	8	22.4	2.220	1.944
8"	116.0	29.0	298.4	343.0	8	22.4	3.400	3.798

NOTE: Flange bolt hole patterns meet ANSI B16.5, class 150

Flange (JIS) - Socket (ASTM)

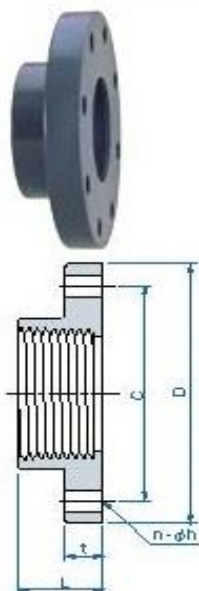


Size	mm						Weight (kg/pc)	
	L	t	PCD	D	n	h	PVC	CPVC
1/2"	25.0	14.0	70	95	4	15	0.096	0.107
3/4"	29.5	14.0	75	100	4	15	0.123	0.137
1"	32.0	14.0	90	125	4	19	0.196	0.218
1-1/4"	38.5	16.0	100	135	4	19	0.247	0.276
1-1/2"	40.5	16.0	105	140	4	19	0.320	0.358
2"	45.0	20.0	120	155	4	19	0.473	0.528
2-1/2"	51.0	22.0	140	175	4	19	0.660	0.712
3"	55.0	22.0	150	185	8	19	0.685	0.762
4"	64.0	22.0	175	210	8	19	0.945	0.984
5"	82.0	24.0	210	250	8	23	1.405	1.508
6"	84.5	25.5	240	280	8	23	1.835	1.966
8"	116.0	28.0	290	330	12	23	2.920	3.212

NOTE: Flange bolt hole patterns meet JIS B2220

CPVC SCH80 FITTINGS

Flange (ANSI) -Threaded



Size	mm						Weight (kg/pc)	
	L	t	C	D	n	h	PVC	CPVC
1/2"	25.0	11.5	60.3	89.0	4	16	0.094	0.105
3/4"	29.5	13.0	69.0	98.8	4	16	0.120	0.134
1"	32.0	14.5	79.5	108.3	4	16	0.190	0.212
1-1/4"	38.5	18.3	88.9	118.5	4	16	0.240	0.268
1-1/2"	40.5	17.5	98.4	127.5	4	16	0.310	0.346
2"	45.0	19.5	120.6	152.0	4	19	0.458	0.512
2-1/2"	51.0	22.5	139.5	177.0	4	19	0.715	0.799
3"	55.0	24.0	152.4	191.0	4	20	0.880	0.983
4"	64.0	24.0	190.5	229.7	8	19	1.340	1.497

NOTE: Flange bolt hole patterns meet ANSI B16.5, class 150

Van Stone Flange

Flange (ANSI) - Socket (ASTM)



Size	Pressure MPa	mm						Weight (kg/pc)	
		L	t	C	D	n	h	PVC	CPVC
2"	1.0	43.0	20.0	120.6	152.0	4	19.1	0.375	0.405
2 1/2"	1.0	51.0	24.5	139.5	178.0	4	19.1	0.600	0.696
3"	1.0	55.0	27.0	152.4	191.0	4	19.1	0.734	0.800
4"	1.0	64.0	28.0	190.5	229.0	8	19.1	1.090	1.245
5"	1.0	82.0	28.0	216.0	254.0	8	22.4	1.440	1.550
6"	1.0	85.0	32.0	241.3	283.2	8	22.4	1.895	2.002
8"	1.0	120.5	36.0	298.5	343.0	8	22.4	3.510	3.831
10"	1.0	150.0	42.0	362.0	406.0	12	25.4	5.105	5.451
12"	1.0	190.0	42.0	432.0	483.0	12	25.4	9.240	9.920
14"	1.0	203.0	51.0	476.2	533.0	12	28.4	11.260	12.329
16"	1.0	225.0	60.0	539.8	597.0	16	28.4	16.104	17.885
18"	1.0	248.0	60.0	577.8	635.0	16	31.8	20.855	22.763
20"	0.6	280.0	17.5	635.0	699.0	20	31.8	36.627	38.430
	1.0		29.0					47.751	49.554
24"	0.6	344.0	19.0	749.0	813.0	20	35.1	60.558	61.931
	1.0		32.0					75.704	77.077

NOTE: Flange bolt hole patterns meet ANSI B16.5, class 150

CPVC SCH80 FITTINGS

Van Stone Flange

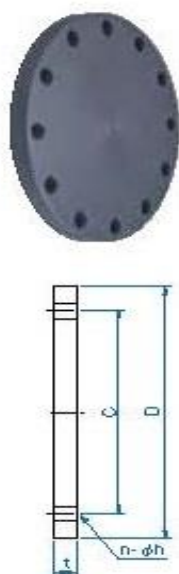
Flange (JIS) - Socket (ASTM)



Size	mm						Weight (kg/pc)	
	L	t	C	D	n	h	PVC	CPVC
2"	43.0	20.0	120.0	153.0	4	20.0	0.405	0.425
2-1/2"	51.0	24.5	140.0	178.3	4	20.0	0.615	0.696
3"	55.0	27.0	150.0	185.0	8	19.0	0.684	0.760
4"	64.0	28.0	175.0	210.0	8	19.0	0.920	0.990
5"	82.0	28.0	210.0	250.0	8	23.0	1.370	1.496
6"	85.0	32.0	240.0	283.4	8	23.0	1.910	1.997
8"	120.5	36.0	290.0	330.0	12	23.0	3.160	3.449
10"	150.0	42.0	365.0	400.0	12	25.0	5.140	5.390
14"	203.0	14.0	445.0	490.0	16	25.0	12.775	13.373
16"	225.0	14.0	510.0	560.0	16	27.0	18.290	18.850
18"	248.0	14.0	565.0	620.0	20	27.0	23.945	25.277
20"	280.0	15.0	620.0	675.0	20	27.0	34.300	36.103
24"	344.0	15.0	730.0	795.0	24	33.0	59.350	60.723

NOTE: Flange bolt hole patterns meet JIS B2220

Blind Flange



Size	mm					Weight (kg/pc)	
	t	C	D	n	h	PVC	CPVC
1/2"	12	60.3	89	4	16	0.108	0.121
3/4"	13	70.0	98	4	16	0.148	0.165
1"	15	79.5	108	4	16	0.216	0.241
1-1/4"	16	89.0	117	4	16	0.254	0.284
1-1/2"	18	98.5	127	4	16	0.295	0.329
2"	18	120.5	152	4	19	0.463	0.518
2-1/2"	22	139.5	178	4	19	0.755	0.843
3"	24	152.5	191	4	19	0.928	1.037
4"	24	190.5	229	8	19	1.501	1.676
5"	26	216.0	254	8	22	1.746	1.960
6"	26	241.5	282	8	22	2.229	2.489
8"	28	298.5	343	8	22	3.410	3.809
10"	28	362.0	406	12	25	4.842	4.966
12"	28	432.0	483	12	25	7.005	7.215
14"	45	476.3	535	12	29	12.485	12.889
16"	45	539.8	595	16	29	15.359	16.893
18"	45	577.9	635	16	32	17.942	19.735
20"	45	635.0	700	20	32	21.642	23.803
24"	45	749.3	815	20	35	28.130	30.940

NOTE: Flange bolt hole patterns meet ANSI B16.5 class 150