

33 14 Water Utility Transmission and Distribution

33 14 13 – Public Water Utility Distribution Piping

33 14 13.25 Water Supply, Polyvinyl Chloride Pipe		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
3050	18" diameter	B-21	160	.175	L.F.	24.50	9.20	1.08	34.78	42
3060	20" diameter		133	.211		30.50	11.05	1.30	42.85	51.50
3070	24" diameter		107	.262		45.50	13.75	1.62	60.87	72.50
3080	30" diameter		80	.350		76.50	18.40	2.17	97.07	114
3090	36" diameter		80	.350		118	18.40	2.17	138.57	159
3100	42" diameter		60	.467		159	24.50	2.89	186.39	215
3200	48" diameter		60	.467		203	24.50	2.89	230.39	263
4520	Pressure pipe Class 150, SDR 18, AWWA C900, 4" diameter	B-20	380	.063		4.09	3.20		7.29	9.30
4530	6" diameter	"	316	.076		5.95	3.85		9.80	12.25
4540	8" diameter	B-21	264	.106		7.60	5.55	.66	13.81	17.35
4550	10" diameter		220	.127		10.30	6.70	.79	17.79	22
4560	12" diameter		186	.151		14.05	7.90	.93	22.88	28.50
8000	Fittings with rubber gasket									
8003	Class 150, DR 18									
8006	90° bend, 4" diameter	B-20	100	.240	Eq.	45	12.15		57.15	67.50
8020	6" diameter	"	90	.267		80.50	13.50		94	109
8040	8" diameter	B-21	80	.350		155	18.40	2.17	175.57	201
8060	10" diameter		50	.560		300	29.50	3.47	332.97	385
8080	12" diameter		30	.933		450	49	5.80	504.80	575
8100	Tee, 4" diameter		90	.311		62	16.35	1.93	80.28	95
8120	6" diameter		80	.350		139	18.40	2.17	159.57	183
8140	8" diameter		70	.400		198	21	2.48	221.48	252
8160	10" diameter		40	.700		236	37	4.33	277.33	320
8180	12" diameter		20	1.400		390	73.50	8.65	472.15	550
8200	45° bend, 4" diameter	B-20	100	.240		45	12.15		57.15	67.50
8220	6" diameter	"	90	.267		76	13.50		89.50	104
8240	8" diameter	B-21	50	.560		121	29.50	3.47	153.97	182
8260	10" diameter		50	.560		190	29.50	3.47	222.97	257
8280	12" diameter		30	.933		258	49	5.80	312.80	360
8300	Reducing tee 6" x 4"		100	.280		135	14.70	1.73	151.43	173
8320	8" x 6"		90	.311		241	16.35	1.93	259.28	292
8330	10" x 6"		90	.311		211	16.35	1.93	229.28	259
8340	10" x 8"		90	.311		226	16.35	1.93	244.28	275
8350	12" x 6"		90	.311		283	16.35	1.93	301.28	335
8360	12" x 8"		90	.311		315	16.35	1.93	333.28	370
8400	Tapped service tee (threaded type) 6" x 6" x 3/4"		100	.280		102	14.70	1.73	118.43	137
8430	6" x 6" x 1"		90	.311		102	16.35	1.93	120.28	140
8440	6" x 6" x 1-1/2"		90	.311		102	16.35	1.93	120.28	140
8450	6" x 6" x 2"		90	.311		102	16.35	1.93	120.28	140
8460	8" x 8" x 3/4"	B-21	90	.311	Eq.	151	16.35	1.93	169.28	193
8470	8" x 8" x 1"		90	.311		151	16.35	1.93	169.28	193
8480	8" x 8" x 1-1/2"		90	.311		151	16.35	1.93	169.28	193
8490	8" x 8" x 2"		90	.311		151	16.35	1.93	169.28	193
8500	Repair coupling 4"	B-20	100	.240		28	12.15		40.15	49
8520	6" diameter		90	.267		43	13.50		56.50	67
8540	8" diameter		50	.480		103	24.50		127.50	151
8560	10" diameter		50	.480		218	24.50		242.50	276
8580	12" diameter		50	.480		277	24.50		301.50	340
8600	Plug end 4"		100	.240		24.50	12.15		36.65	44.50
8620	6" diameter		90	.267		43.50	13.50		57	68
8640	8" diameter		50	.480		74.50	24.50		99	118
8660	10" diameter		50	.480		119	24.50		143.50	168
8680	12" diameter		50	.480		160	24.50		184.50	213