

# 22 11 Facility Water Distribution

## 22 11 13 – Facility Water Distribution Piping

22 11 13.48 Pipe, Fittings and Valves, Steel, Grooved-Joint		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
4908	1" diameter	1 Plum	100	.080	Ea.	42	5.60		47.60	54.50
4909	1-1/4" diameter		100	.080		39	5.60		44.60	51.50
4910	1-1/2" diameter		67	.119		42	8.35		50.35	58.50
4912	2" diameter	↓	50	.160		53.50	11.15		64.65	75.50
4914	2-1/2" diameter	Q-1	80	.200		60.50	12.55		73.05	85.50
4916	3" diameter		67	.239		70.50	15		85.50	100
4918	4" diameter		50	.320		97.50	20		117.50	137
4920	5" diameter	↓	40	.400		125	25		150	176
4922	6" diameter	Q-2	50	.480	↓	165	31.50		196.50	229
4940	Flexible, standard, painted									
4950	3/4" diameter	1 Plum	100	.080	Ea.	31	5.60		36.60	42.50
4960	1" diameter		100	.080		31	5.60		36.60	42.50
4970	1-1/4" diameter		80	.100		40	7		47	54.50
4980	1-1/2" diameter	↓	67	.119		43	8.35		51.35	60
4990	2" diameter	↓	50	.160		46.50	11.15		57.65	67.50
5000	2-1/2" diameter	Q-1	80	.200		54	12.55		66.55	78
5010	3" diameter		67	.239		59	15		74	87.50
5020	3-1/2" diameter		57	.281		84.50	17.65		102.15	120
5030	4" diameter		50	.320		85.50	20		105.50	124
5040	5" diameter	↓	40	.400	↓	128	25		153	179
5050	6" diameter	Q-2	50	.480	Ea.	152	31.50		183.50	214
5200	For galvanized couplings, add				"	33%				
7790	Valves: coupling material required at joints not incl. in valve price.									
7794	Add 1 selected coupling, material only, per joint for installed price.									

## 22 11 13.64 Pipe, Stainless Steel

0010	PIPE, STAINLESS STEEL									
3500	Threaded, couplings and clevis hanger assemblies, 10' OC									
3520	Schedule 40, type 304									
3540	1/4" diameter	1 Plum	54	.148	L.F.	5.65	10.35		16	21.50
3550	3/8" diameter		53	.151		6.50	10.55		17.05	23
3560	1/2" diameter		52	.154		6.20	10.75		16.95	23
3580	1" diameter	↓	45	.178		14.65	12.40		27.05	34.50
3610	2" diameter	Q-1	57	.281		37	17.65		54.65	67.50
3640	4" diameter	Q-2	51	.471		94.50	30.50		125	150
3740	For small quantities, add				↓	10%				
4250	Schedule 40, type 316									
4290	1/4" diameter	1 Plum	54	.148	L.F.	12.65	10.35		23	29.50
4300	3/8" diameter		53	.151		13.80	10.55		24.35	31
4310	1/2" diameter		52	.154		16.05	10.75		26.80	33.50
4320	3/4" diameter		51	.157		18.70	10.95		29.65	37
4330	1" diameter	↓	45	.178		26.50	12.40		38.90	47.50
4360	2" diameter	Q-1	57	.281		55	17.65		72.65	87.50
4390	4" diameter	Q-2	51	.471		156	30.50		186.50	217
4490	For small quantities, add				↓	10%				

## 22 11 13.74 Pipe, Plastic

0010	PIPE, PLASTIC									
1800	PVC, couplings 10' OC, clevis hanger assemblies, 3 per 10'									
1820	Schedule 40									
1860	1/2" diameter	1 Plum	54	.148	L.F.	6.35	10.35		16.70	22.50
1870	3/4" diameter		51	.157		6.90	10.95		17.85	24
1880	1" diameter		46	.174		6.25	12.15		18.40	25
1890	1-1/4" diameter	↓	42	.190	↓	7.55	13.30		20.85	28