

33 52 Hydrocarbon Transmission and Distribution

33 52 16 – Gas Hydrocarbon Piping

33 52 16.26 High Density Polyethylene Piping		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
2250	4" diameter, SDR 11	B-22A	500	.080	L.F.	3.37	4.18	1.31	8.86	11.40
2400	Socket fused pipe									
2405	125psi coils, socket fusion coupling @ 100', 1/2" CTS diameter, SDR 7	B-20	1050	.023	L.F.	.18	1.16		1.34	1.93
2410	160psi coils, socket fusion coupling @ 100', IPS 1/2" diameter, SDR 9	B-20	1000	.024	L.F.	.23	1.22		1.45	2.08
2415	3/4" diameter, SDR 11		1000	.024		.33	1.22		1.55	2.18
2420	1" diameter, SDR 11		950	.025		.53	1.28		1.81	2.49
2425	1-1/4" diameter, SDR 11		950	.025		.78	1.28		2.06	2.77
2430	1-1/2" diameter, SDR 11		900	.027		1.43	1.35		2.78	3.59
2435	2" diameter, SDR 11		850	.028		1.17	1.43		2.60	3.43
2440	3" diameter, SDR 11		850	.028		2.02	1.43		3.45	4.36
2445	160psi 40' lengths, socket fusion coupling, IPS 3" diameter, SDR 11	B-21A	340	.118		2.40	6.65	1.68	10.73	14.40
2450	4" diameter, SDR 11	"	260	.154		4.04	8.70	2.20	14.94	19.80
2600	Compression coupled pipe									
2610	160psi coils, compression coupling @ 100', IPS 1/2" diameter, SDR 9	B-20	1000	.024	L.F.	.42	1.22		1.64	2.28
2615	3/4" diameter, SDR 11		1000	.024		.54	1.22		1.76	2.42
2620	1" diameter, SDR 11		950	.025		.79	1.28		2.07	2.78
2625	1-1/4" diameter, SDR 11		950	.025		1.64	1.28		2.92	3.72
2630	1-1/2" diameter, SDR 11		900	.027		2.36	1.35		3.71	4.61
2635	2" diameter, SDR 11		850	.028		2.26	1.43		3.69	4.62
3000	Fittings, butt fusion									
3010	SDR 11, IPS unless noted CTS									
3105	Caps, 1/2" diameter	B-22C	28.50	.561	Ea.	8.20	29.50	8.75	46.45	62.50
3110	3/4" diameter		28.50	.561		4.26	29.50	8.75	42.51	58.50
3115	1" diameter		27	.593		4.64	31	9.25	44.89	62
3120	1-1/4" diameter		27	.593		7.70	31	9.25	47.95	65
3125	1-1/2" diameter		25.50	.627		5.60	33	9.75	48.35	66
3130	2" diameter		24	.667		11.65	35	10.40	57.05	76
3135	3" diameter		24	.667		16.50	35	10.40	61.90	81.50
3140	4" diameter		18	.889		30	46.50	13.85	90.35	118
3205	Reducers, 1/2" x 1/2" CTS diameters		14.25	1.123		15.20	58.50	17.50	91.20	124
3210	3/4" x 1/2" CTS diameters		14.25	1.123		10.90	58.50	17.50	86.90	119
3215	1" x 1/2" CTS diameters		13.50	1.185		16.95	62	18.45	97.40	132
3220	1" x 1/2" diameters		13.50	1.185		21	62	18.45	101.45	136
3225	1" x 3/4" diameters		13.50	1.185		14.05	62	18.45	94.50	128
3230	1-1/4" x 1" diameters		13.50	1.185		15.65	62	18.45	96.10	130
3232	1-1/2" x 3/4" diameters		12.75	1.255		9.80	65.50	19.55	94.85	130
3233	1-1/2" x 1" diameters		12.75	1.255		9.80	65.50	19.55	94.85	130
3234	1-1/2" x 1-1/4" diameters		12.75	1.255		9.80	65.50	19.55	94.85	130
3235	2" x 1" diameters		12	1.333		17.75	69.50	21	108.25	147
3240	2" x 1-1/4" diameters		12	1.333		17.75	69.50	21	108.25	147
3245	2" x 1-1/2" diameters	B-22C	12	1.333	Ea.	11.25	69.50	21	101.75	139
3250	3" x 2" diameters		12	1.333		13.10	69.50	21	103.60	141
3255	4" x 2" diameters		9	1.778		17.90	93	27.50	138.40	189
3260	4" x 3" diameters		9	1.778		19.20	93	27.50	139.70	191
3305	Elbows, 90°, 3/4" diameter		14.25	1.123		7.25	58.50	17.50	83.25	115
3310	1" diameter		13.50	1.185		7.15	62	18.45	87.60	121
3315	1-1/4" diameter		13.50	1.185		8.30	62	18.45	88.75	122
3320	1-1/2" diameter		12.75	1.255		9.45	65.50	19.55	94.50	130
3325	2" diameter		12	1.333		10.20	69.50	21	100.70	138
3330	3" diameter		12	1.333		19.90	69.50	21	110.40	149
3335	4" diameter		9	1.778		26	93	27.50	146.50	198
3380	45°, 3/4" diameter		14.25	1.123		8.05	58.50	17.50	84.05	116
3385	1" diameter		13.50	1.185		8.05	62	18.45	88.50	122