

33 52 Hydrocarbon Transmission and Distribution

33 52 16 – Gas Hydrocarbon Piping

33 52 16.23 Medium Density Polyethylene Piping		Crew	Daily Output	Labor-Hours	Unit	Material	2022 Bare Costs		Total	Total Incl O&P
							Labor	Equipment		
3614	2" x 1" outlet	B-22C	12	1.333	Eq.	8.10	69.50	21	98.60	136
3616	2" x 1-1/4" outlet		11	1.455		8.10	76	22.50	106.60	148
3618	3" x 3/4" outlet		12	1.333		8.10	69.50	21	98.60	136
3620	3" x 1" outlet		12	1.333		8.10	69.50	21	98.60	136
3622	3" x 1-1/4" outlet		11	1.455		8.10	76	22.50	106.60	148
3624	4" x 3/4" outlet		10	1.600		8.10	83.50	25	116.60	161
3626	4" x 1" outlet		10	1.600		8.10	83.50	25	116.60	161
3628	4" x 1-1/4" outlet		9	1.778		22.50	93	27.50	143	194
3685	For protective sleeves, 3/4" diameter outlets, add					1.07			1.07	1.18
3690	1" diameter outlets, add					1.79			1.79	1.97
3695	1-1/4" diameter outlets, add					3.08			3.08	3.39
3700	Branch saddles, contour x outlet, butt outlets, round base									
3702	2" x 2" outlet	B-22C	11	1.455	Eq.	21	76	22.50	119.50	162
3704	3" x 2" outlet		11	1.455		40	76	22.50	138.50	183
3706	3" x 3" outlet		11	1.455		33	76	22.50	131.50	175
3708	4" x 2" outlet		9	1.778		40	93	27.50	160.50	214
3710	4" x 3" outlet		9	1.778		75	93	27.50	195.50	252
3712	4" x 4" outlet		9	1.778		44	93	27.50	164.50	218
3750	Rectangular base, 2" x 2" outlet		11	1.455		21	76	22.50	119.50	162
3752	3" x 2" outlet		11	1.455		23	76	22.50	121.50	165
3754	3" x 3" outlet		11	1.455		33	76	22.50	131.50	175
3756	4" x 2" outlet		9	1.778		26	93	27.50	146.50	198
3758	4" x 3" outlet		9	1.778		31.50	93	27.50	152	204
3760	4" x 4" outlet		9	1.778		38	93	27.50	158.50	212
4000	Fittings, socket fusion									
4010	SDR 11, IPS unless noted CTS									
4100	Caps, 1/2" CTS diameter	B-20	30	.800	Eq.	2.89	40.50		43.39	63.50
4105	1/2" diameter			28.50	.842	2.89	42.50		45.39	67
4110	3/4" diameter			28.50	.842	4.33	42.50		46.83	69
4115	1" CTS diameter			28	.857	4.79	43.50		48.29	70.50
4120	1" diameter			27	.889	4.79	45		49.79	73
4125	1-1/4" diameter			27	.889	5.80	45		50.80	74
4130	1-1/2" diameter			25.50	.941	7.50	47.50		55	80
4135	2" diameter			24	1	7.40	50.50		57.90	83.50
4140	3" diameter			24	1	16.95	50.50		67.45	94
4145	4" diameter			18	1.333	25	67.50		92.50	129
4200	Reducers, 1/2" x 1/2" CTS diameters			14.25	1.684	7.55	85.50		93.05	136
4202	3/4" x 1/2" CTS diameters			14.25	1.684	6.95	85.50		92.45	136
4204	3/4" x 1/2" diameters			14.25	1.684	7.45	85.50		92.95	136
4206	1" CTS x 1/2" diameters			14	1.714	7.25	87		94.25	138
4208	1" CTS x 3/4" diameters			13.50	1.778	7.35	90		97.35	143
4210	1" x 1/2" CTS diameters			13.50	1.778	6.90	90		96.90	143
4212	1" x 1/2" diameters			13.50	1.778	7.70	90		97.70	143
4214	1" x 3/4" diameters			13.50	1.778	10.70	90		100.70	147
4216	1" x 1" CTS diameters			13.50	1.778	6.30	90		96.30	142
4218	1-1/4" x 1/2" CTS diameters			13.50	1.778	7.25	90		97.25	143
4220	1-1/4" x 1/2" diameters			13.50	1.778	10.55	90		100.55	147
4222	1-1/4" x 3/4" diameters			13.50	1.778	15.20	90		105.20	152
4224	1-1/4" x 1" CTS diameters			13.50	1.778	10.55	90		100.55	147
4226	1-1/4" x 1" diameters			13.50	1.778	12.95	90		102.95	149
4228	1-1/2" x 3/4" diameters			12.75	1.882	11.60	95.50		107.10	156
4230	1-1/2" x 1" diameters			12.75	1.882	9.80	95.50		105.30	154
4232	1-1/2" x 1-1/4" diameters			12.75	1.882	11.10	95.50		106.60	155