

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		
3806	1-1/4" x 1-1/4" outlet	B-22C	16	1	Eq.	8.60	52.50	15.55	76.65	105
3808	1-1/2" x 3/4" outlet		16	1		22.50	52.50	15.55	90.55	120
3810	1-1/2" x 1-1/4" outlet		15	1.067		22.50	55.50	16.60	94.60	126
3812	2" x 3/4" outlet		12	1.333		22.50	69.50	21	113	152
3814	2" x 1" outlet		11	1.455		8.25	76	22.50	106.75	148
3816	2" x 1-1/4" outlet		11	1.455		8.60	76	22.50	107.10	148
3818	3" x 3/4" outlet		12	1.333		22.50	69.50	21	113	152
3820	3" x 1" outlet		11	1.455		22.50	76	22.50	121	164
3822	3" x 1-1/4" outlet		11	1.455		8.60	76	22.50	107.10	148
3824	4" x 3/4" outlet		10	1.600		22.50	83.50	25	131	177
3826	4" x 1" outlet		9	1.778		22.50	93	27.50	143	194
3828	4" x 1-1/4" outlet		9	1.778		22.50	93	27.50	143	194
3880	For protective sleeves, 3/4" diameter outlets, add					1.07			1.07	1.1
3885	1" diameter outlets, add					1.79			1.79	1.9
3890	1-1/4" diameter outlets, add					3.08			3.08	3.3
3905	Branch saddles, contour x outlet, 2" x 2" outlet	B-22C	11	1.455		23	76	22.50	121.50	165
3910	3" x 2" outlet		11	1.455		23	76	22.50	121.50	165
3915	3" x 3" outlet		11	1.455		31	76	22.50	129.50	173
3920	4" x 2" outlet		9	1.778		23	93	27.50	143.50	195
3925	4" x 3" outlet		9	1.778		31	93	27.50	151.50	204
3930	4" x 4" outlet		9	1.778		42.50	93	27.50	163	216
3980	Ball valves, full port, 3/4" diameter		14.25	1.123		71	58.50	17.50	147	186
3982	1" diameter		13.50	1.185		71	62	18.45	151.45	192
3984	1-1/4" diameter		13.50	1.185		71.50	62	18.45	151.95	192
3986	1-1/2" diameter		12.75	1.255		105	65.50	19.55	190.05	235
3988	2" diameter		12	1.333		164	69.50	21	254.50	305
3990	3" diameter		12	1.333		385	69.50	21	475.50	545
3992	4" diameter		9	1.778		505	93	27.50	625.50	725
4000	Fittings, socket fusion									
4010	SDR 11, IPS unless noted CTS									
4105	Caps, 1/2" CTS diameter	B-20	30	.800	Eq.	2.94	40.50		43.44	63.5
4110	1/2" diameter		28.50	.842		2.96	42.50		45.46	67.5
4115	3/4" diameter		28.50	.842		3.23	42.50		45.73	67.5
4120	1" diameter		27	.889		4.09	45		49.09	72
4125	1-1/4" diameter		27	.889		4.28	45		49.28	72
4130	1-1/2" diameter		25.50	.941		4.73	47.50		52.23	76.5
4135	2" diameter		24	1		4.98	50.50		55.48	81
4140	3" diameter		24	1		30.50	50.50		81	109
4145	4" diameter		18	1.333		49.50	67.50		117	156
4205	Reducers, 1/2" x 1/2" CTS diameters		14.25	1.684		7.45	85.50		92.95	136
4210	3/4" x 1/2" CTS diameters		14.25	1.684		7.65	85.50		93.15	136
4215	3/4" x 1/2" diameters		14.25	1.684		7.65	85.50		93.15	136
4220	1" x 1/2" CTS diameters		13.50	1.778		7.40	90		97.40	143
4225	1" x 1/2" diameters		13.50	1.778		7.85	90		97.85	144
4230	1" x 3/4" diameters		13.50	1.778		6.40	90		96.40	142
4235	1-1/4" x 1/2" CTS diameters		13.50	1.778		7.40	90		97.40	143
4240	1-1/4" x 3/4" diameters		13.50	1.778		7.40	90		97.40	143
4245	1-1/4" x 1" diameters		13.50	1.778		7	90		97	143
4250	1-1/2" x 3/4" diameters		12.75	1.882		8.05	95.50		103.55	152
4252	1-1/2" x 1" diameters		12.75	1.882		10	95.50		105.50	154
4255	1-1/2" x 1-1/4" diameters		12.75	1.882		8.20	95.50		103.70	152
4260	2" x 3/4" diameters		12	2		10.20	101		111.20	162
4265	2" x 1" diameters		12	2		10.40	101		111.40	162