

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 Labor	Equipment	Total	Total Incl O&P
4850	4" x 3/4" outlet	B-20	10	2.400	Ea.	4.52	122		126.52	187
4852	4" x 1" CTS outlet		10	2.400		7.45	122		129.45	190
4854	4" x 1" outlet		10	2.400		7.45	122		129.45	190
4856	4" x 1-1/4" outlet		9	2.667		19.70	135		154.70	224
4885	For protective sleeves, 1/2" CTS to 3/4" diameter outlets, add					1.07			1.07	1.18
4890	1" CTS & IPS diameter outlets, add					1.79			1.79	1.97
4895	1-1/4" diameter outlets, add					3.08			3.08	3.39
4900	Spigot fittings, tees, SDR 7, 1/2" CTS diameter	B-20	10	2.400		31	122		153	217
4901	SDR 9.3, 1/2" diameter		9.50	2.526		13.75	128		141.75	206
4902	SDR 10, 1-1/4" diameter		9	2.667		13.75	135		148.75	217
4903	SDR 11, 3/4" diameter		9.50	2.526		28.50	128		156.50	223
4904	2" diameter		8	3		26.50	152		178.50	256
4906	SDR 11.5, 1" CTS diameter		9.33	2.571		73.50	130		203.50	276
4907	3" diameter		8	3		74.50	152		226.50	310
4908	4" diameter		6	4		192	203		395	515
4921	90° elbows, SDR 7, 1/2" CTS diameter		15	1.600		16.40	81		97.40	139
4922	SDR 9.3, 1/2" diameter		14.25	1.684		7.05	85.50		92.55	136
4923	SDR 10, 1-1/4" diameter		13.50	1.778		7.20	90		97.20	143
4924	SDR 11, 3/4" diameter		14.25	1.684		8.05	85.50		93.55	137
4925	2" diameter		12	2		30.50	101		131.50	185
4927	SDR 11.5, 1" CTS diameter		14	1.714		28	87		115	161
4928	3" diameter		12	2		69	101		170	227
4929	4" diameter		9	2.667		147	135		282	365
4935	Caps, SDR 7, 1/2" CTS diameter		30	.800		5.45	40.50		45.95	66.50
4936	SDR 9.3, 1/2" diameter		28.50	.842		5.45	42.50		47.95	70
4937	SDR 10, 1-1/4" diameter		27	.889		5.65	45		50.65	73.50
4938	SDR 11, 3/4" diameter		28.50	.842		5.80	42.50		48.30	70.50
4939	1" diameter		27	.889		6.50	45		51.50	74.50
4940	2" diameter		24	1		6.95	50.50		57.45	83
4942	SDR 11.5, 1" CTS diameter		28	.857		23	43.50		66.50	90
4943	3" diameter		24	1		37	50.50		87.50	116
4944	4" diameter		18	1.333		35.50	67.50		103	140
4946	SDR 13.5, 4" diameter		18	1.333		89.50	67.50		157	200
4950	Reducers, SDR 10 x SDR 11, 1-1/4" x 3/4" diameters		13.50	1.778		18.60	90		108.60	156
4951	1-1/4" x 1" diameters		13.50	1.778		18.60	90		108.60	156
4952	SDR 10 x SDR 11.5, 1-1/4" x 1" CTS diameters		13.50	1.778		18.60	90		108.60	156
4953	SDR 11 x SDR 7, 3/4" x 1/2" CTS diameters		14.25	1.684		8.30	85.50		93.80	137
4954	SDR 11 x SDR 9.3, 3/4" x 1/2" diameters		14.25	1.684		8.30	85.50		93.80	137
4955	SDR 11 x SDR 10, 2" x 1-1/4" diameters		12	2		19.30	101		120.30	172
4956	SDR 11 x SDR 11, 1" x 3/4" diameters		13.50	1.778		9.55	90		99.55	146
4957	2" x 3/4" diameters		12	2		19.05	101		120.05	172
4958	2" x 1" diameters		12	2		19.15	101		120.15	172
4959	SDR 11 x SDR 11.5, 1" x 1" CTS diameters		13.50	1.778		9.75	90		99.75	146
4960	2" x 1" CTS diameters		12	2		19.05	101		120.05	172
4962	SDR 11.5 x SDR 11, 3" x 2" diameters		12	2		25.50	101		126.50	179
4963	4" x 2" diameters		9	2.667		39	135		174	245
4964	SDR 11.5 x SDR 11.5, 4" x 3" diameters		9	2.667		42	135		177	248
6100	Fittings, compression									
6101	MDPE gas pipe, ASTM D2513/ASTM F1924-98									
6102	Caps, SDR 7, 1/2" CTS diameter	B-20	60	.400	Ea.	15.65	20.50		36.15	48
6104	SDR 9.3, 1/2" IPS diameter		58	.414		27.50	21		48.50	61.50
6106	SDR 10, 1/2" CTS diameter		60	.400		13.85	20.50		34.35	45.50
6108	1-1/4" IPS diameter		54	.444		91	22.50		113.50	134