

# 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		
6110	SDR 11, 3/4" IPS diameter	B-20	58	.414	Ea.	24.50	21		45.50	58.50
6112	1" IPS diameter		54	.444		39.50	22.50		62	77
6114	1-1/4" IPS diameter		54	.444		95.50	22.50		118	139
6116	1-1/2" IPS diameter		52	.462		116	23.50		139.50	163
6118	2" IPS diameter		50	.480		102	24.50		126.50	149
6120	SDR 11.5, 1" CTS diameter		56	.429		25.50	21.50		47	60.50
6122	SDR 12.5, 1" CTS diameter		56	.429		29	21.50		50.50	64.50
6202	Reducers, SDR 7 x SDR 10, 1/2" CTS x 1/2" CTS diameters		30	.800		21	40.50		61.50	84
6204	SDR 9.3 x SDR 7, 1/2" IPS x 1/2" CTS diameters		29	.828		61	42		103	130
6206	SDR 11 x SDR 7, 3/4" IPS x 1/2" CTS diameters		29	.828		60.50	42		102.50	129
6208	1" IPS x 1/2" CTS diameters		27	.889		73.50	45		118.50	148
6210	SDR 11 x SDR 9.3, 3/4" IPS x 1/2" IPS diameters		29	.828		59.50	42		101.50	128
6212	1" IPS x 1/2" IPS diameters		27	.889		75.50	45		120.50	151
6214	SDR 11 x SDR 10, 2" IPS x 1-1/4" IPS diameters		25	.960		116	48.50		164.50	201
6216	SDR 11 x SDR 11, 1" IPS x 3/4" IPS diameters		27	.889		73	45		118	148
6218	1-1/4" IPS x 1" IPS diameters		27	.889		69.50	45		114.50	144
6220	2" IPS x 1-1/4" IPS diameters		25	.960		116	48.50		164.50	201
6222	SDR 11 x SDR 11.5, 1" IPS x 1" CTS diameters		27	.889		56.50	45		101.50	130
6224	SDR 11 x SDR 12.5, 1" IPS x 1" CTS diameters		27	.889		68.50	45		113.50	143
6226	SDR 11.5 x SDR 7, 1" CTS x 1/2" CTS diameters		28	.857		41.50	43.50		85	111
6228	SDR 11.5 x SDR 9.3, 1" CTS x 1/2" IPS diameters		28	.857		48	43.50		91.50	118
6230	SDR 11.5 x SDR 11, 1" CTS x 3/4" IPS diameters		28	.857		67	43.50		110.50	139
6232	SDR 12.5 x SDR 7, 1" CTS x 1/2" CTS diameters		28	.857		44	43.50		87.50	113
6234	SDR 12.5 x SDR 9.3, 1" CTS x 1/2" IPS diameters		28	.857		49.50	43.50		93	120
6236	SDR 12.5 x SDR 11, 1" CTS x 3/4" IPS diameters		28	.857		42.50	43.50		86	112
6302	Couplings, SDR 7, 1/2" CTS diameter		30	.800		16	40.50		56.50	78
6304	SDR 9.3, 1/2" IPS diameter		29	.828		21	42		63	86
6306	SDR 10, 1/2" CTS diameter		30	.800		15.15	40.50		55.65	77
6308	SDR 11, 3/4" IPS diameter		29	.828		23.50	42		65.50	88
6310	1" IPS diameter		27	.889		28	45		73	98.50
6312	SDR 11.5, 1" CTS diameter		28	.857		30	43.50		73.50	98
6314	SDR 12.5, 1" CTS diameter		28	.857		34	43.50		77.50	103
6402	Repair couplings, SDR 10, 1-1/4" IPS diameter		27	.889		87.50	45		132.50	164
6404	SDR 11, 1-1/4" IPS diameter		27	.889		89	45		134	166
6406	1-1/2" IPS diameter		26	.923		96	47		143	175
6408	2" IPS diameter	B-20	25	.960	Ea.	112	48.50		160.50	196
6502	Elbows, 90°, SDR 7, 1/2" CTS diameter		30	.800		28	40.50		68.50	91.50
6504	SDR 9.3, 1/2" IPS diameter		29	.828		48.50	42		90.50	116
6506	SDR 10, 1-1/4" IPS diameter		27	.889		120	45		165	200
6508	SDR 11, 3/4" IPS diameter		29	.828		44.50	42		86.50	111
6510	1" IPS diameter		27	.889		44.50	45		89.50	117
6512	1-1/4" IPS diameter		27	.889		119	45		164	199
6514	1-1/2" IPS diameter		26	.923		178	47		225	266
6516	2" IPS diameter		25	.960		152	48.50		200.50	240
6518	SDR 11.5, 1" CTS diameter		28	.857		45	43.50		88.50	115
6520	SDR 12.5, 1" CTS diameter		28	.857		65.50	43.50		109	137
6602	Tees, SDR 7, 1/2" CTS diameter		20	1.200		49.50	61		110.50	146
6604	SDR 9.3, 1/2" IPS diameter		19.33	1.241		55	63		118	155
6606	SDR 10, 1-1/4" IPS diameter		18	1.333		155	67.50		222.50	272
6608	SDR 11, 3/4" IPS diameter		19.33	1.241		69	63		132	170
6610	1" IPS diameter		18	1.333		75.50	67.50		143	184
6612	1-1/4" IPS diameter		18	1.333		127	67.50		194.50	241
6614	1-1/2" IPS diameter		17.33	1.385		263	70		333	395