

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		
8328	2" IPS x 2" MPT	B-22C	24	.667	Ea.	49.50	35	10.40	94.90	118
8330	3" IPS x 3" MPT		24	.667		99	35	10.40	144.40	172
8332	4" IPS x 4" MPT		18	.889		136	46.50	13.85	196.35	234
8342	HDPE x FPT 316 stainless steel, SDR 11, 3/4" IPS x 3/4" FPT		28.50	.561		42.50	29.50	8.75	80.75	100
8344	1" IPS x 1" FPT		27	.593		56.50	31	9.25	96.75	119
8346	1-1/4" IPS x 1-1/4" FPT		27	.593		91.50	31	9.25	131.75	158
8348	1-1/2" IPS x 1-1/2" FPT		25.50	.627		87.50	33	9.75	130.25	156
8350	2" IPS x 2" FPT		24	.667		116	35	10.40	161.40	190
8352	3" IPS x 3" FPT		24	.667		224	35	10.40	269.40	310
8354	4" IPS x 4" FPT		18	.889		320	46.50	13.85	380.35	440
8362	HDPE x MPT epoxy carbon steel, SDR 11, 3/4" IPS x 3/4" MPT		28.50	.561		24.50	29.50	8.75	62.75	80.5
8364	1" IPS x 1" MPT		27	.593		27	31	9.25	67.25	86.5
8366	1-1/4" IPS x 1-1/4" MPT		27	.593		28.50	31	9.25	68.75	88
8368	1-1/2" IPS x 1-1/2" MPT		25.50	.627		31.50	33	9.75	74.25	94.5
8370	2" IPS x 2" MPT		24	.667		34	35	10.40	79.40	101
8372	3" IPS x 3" MPT		24	.667		52.50	35	10.40	97.90	121
8374	4" IPS x 4" MPT		18	.889		71	46.50	13.85	131.35	163
8382	HDPE x FPT epoxy carbon steel, SDR 11, 3/4" IPS x 3/4" FPT		28.50	.561		30	29.50	8.75	68.25	86.5
8384	1" IPS x 1" FPT		27	.593		33	31	9.25	73.25	92.5
8386	1-1/4" IPS x 1-1/4" FPT		27	.593		70	31	9.25	110.25	134
8388	1-1/2" IPS x 1-1/2" FPT		25.50	.627		71	33	9.75	113.75	138
8390	2" IPS x 2" FPT		24	.667		75.50	35	10.40	120.90	146
8392	3" IPS x 3" FPT		24	.667		128	35	10.40	173.40	204
8394	4" IPS x 4" FPT	B-22C	18	.889	Ea.	160	46.50	13.85	220.35	261
8402	HDPE x MPT poly coated carbon steel, SDR 11, 1" IPS x 1" MPT		27	.593		26.50	31	9.25	66.75	85.5
8404	1-1/4" IPS x 1-1/4" MPT		27	.593		34.50	31	9.25	74.75	94.5
8406	1-1/2" IPS x 1-1/2" MPT		25.50	.627		41	33	9.75	83.75	105
8408	2" IPS x 2" MPT		24	.667		46.50	35	10.40	91.90	114
8410	3" IPS x 3" MPT		24	.667		90	35	10.40	135.40	162
8412	4" IPS x 4" MPT		18	.889		140	46.50	13.85	200.35	239
8602	Socket fused HDPE x MPT brass, SDR 11, 3/4" IPS x 3/4" MPT	B-20	28.50	.842		14.50	42.50		57	80
8604	1" IPS x 3/4" MPT		27	.889		17.50	45		62.50	87
8606	1" IPS x 1" MPT		27	.889		16.90	45		61.90	86
8608	1-1/4" IPS x 3/4" MPT		27	.889		18.10	45		63.10	87.5
8610	1-1/4" IPS x 1" MPT		27	.889		18.10	45		63.10	87.5
8612	1-1/4" IPS x 1-1/4" MPT		27	.889		26	45		71	96
8614	1-1/2" IPS x 1-1/2" MPT		25.50	.941		35.50	47.50		83	111
8616	2" IPS x 2" MPT		24	1		36.50	50.50		87	116
8618	Socket fused HDPE x FPT brass, SDR 11, 3/4" IPS x 3/4" FPT		28.50	.842		14.50	42.50		57	80
8620	1" IPS x 1/2" FPT		27	.889		14.50	45		59.50	83.5
8622	1" IPS x 3/4" FPT		27	.889		17.50	45		62.50	87
8624	1" IPS x 1" FPT		27	.889		16.90	45		61.90	86
8626	1-1/4" IPS x 3/4" FPT		27	.889		18.10	45		63.10	87.5
8628	1-1/4" IPS x 1" FPT		27	.889		17.50	45		62.50	87
8630	1-1/4" IPS x 1-1/4" FPT		27	.889		26	45		71	96
8632	1-1/2" IPS x 1-1/2" FPT		25.50	.941		36.50	47.50		84	112
8634	2" IPS x 1-1/2" FPT		24	1		37	50.50		87.50	116
8636	2" IPS x 2" FPT		24	1		38.50	50.50		89	118