



## Maximum Capacity of Pro-FlexCSST in Cubic Feet per Hour of Natural Gas\*

(All Charts Are Based on a 0.60 Specific Gravity Gas)

*All Tables include losses for four 90° bends and two (2) end fittings. Tubing with a larger number of bends and/or fittings shall be increased by an equivalent length of tubing according to the following formula:  
 $L=1.3(n)$  L = the additional length (feet) of tubing to be added to the actual run length. n = the number of additional fittings and/or bends*

Gas Pressure: <b>0.5</b> psi or less		Allowable Pressure Drop: <b>0.5</b> inches of water column																		Table 1		
		Tubing Length (feet)																				
Tube Size	(EHD)	5	10	15	20	25	30	40	50	60	70	80	90	100	150	200	250	300	350	400	450	500
1/2"	18	95	68	56	49	44	40	35	32	29	27	25	24	23	19	16	14	13	12	12	11	10
3/4"	25	283	200	163	141	126	115	100	89	81	75	70	66	63	51	44	40	36	33	31	29	28
1"	31	626	424	337	287	253	228	194	171	154	141	131	123	116	92	78	69	62	57	53	49	46
1 1/4"	37	950	671	547	474	423	386	334	299	273	252	236	222	211	172	149	133	121	112	105	99	94

Gas Pressure: <b>0.5</b> psi or less		Allowable Pressure Drop: <b>1</b> inches of water column																		Table 2		
		Tubing Length (feet)																				
Tube Size	(EHD)	5	10	15	20	25	30	40	50	60	70	80	90	100	150	200	250	300	350	400	450	500
1/2"	18	132	95	78	68	61	56	49	44	40	37	35	33	32	26	23	20	19	17	16	15	14
3/4"	25	400	283	231	200	179	163	141	126	115	107	100	94	89	73	63	56	51	47	44	42	40
1"	31	925	626	498	424	373	337	287	253	228	209	194	181	171	136	116	102	92	84	78	73	69
1 1/4"	37	1346	950	775	671	600	547	474	423	386	357	334	315	299	244	211	188	172	159	149	140	133

Gas Pressure: <b>0.5</b> psi or less		Allowable Pressure Drop: <b>1.5</b> inches of water column																		Table 3		
		Tubing Length (feet)																				
Tube Size	(EHD)	5	10	15	20	25	30	40	50	60	70	80	90	100	150	200	250	300	350	400	450	500
1/2"	18	160	115	95	83	74	68	59	53	49	46	43	40	38	32	28	25	23	21	20	19	18
3/4"	25	490	346	283	245	219	200	173	155	141	131	122	115	109	89	77	69	63	58	54	51	49
1"	31	1162	787	626	532	469	424	360	318	287	263	244	228	215	171	145	128	116	106	98	92	87
1 1/4"	37	1650	1165	950	822	735	671	581	519	474	438	410	386	366	299	259	231	211	195	182	172	163

Gas Pressure: <b>0.5</b> psi or less		Allowable Pressure Drop: <b>2</b> inches of water column																		Table 4		
		Tubing Length (feet)																				
Tube Size	(EHD)	5	10	15	20	25	30	40	50	60	70	80	90	100	150	200	250	300	350	400	450	500
1/2"	18	183	132	109	95	85	78	68	61	56	52	49	46	44	36	32	28	26	24	23	21	20
3/4"	25	565	400	326	283	253	231	200	179	163	151	141	133	126	103	89	80	73	67	63	59	56
1"	31	1366	925	736	626	552	498	424	373	337	309	287	268	253	201	171	151	136	125	116	108	102
1 1/4"	37	1906	1346	1098	950	850	775	671	600	547	506	474	446	423	345	299	267	244	225	211	199	188

\* = for Propane (LP) gas sizings tables, please consult the Pro-Flex Installation/Training Guide



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 $L=1.3(n)$      $L$  = the additional length (feet) of tubing to be added to the actual run length.     $n$  = the number of additional fittings and/or bends*

Gas Pressure: <b>0.5</b> psi or less		Allowable Pressure Drop: <b>2.5</b> inches of water column																		Table 5		
		Tubing Length (feet)																				
Tube Size	(EHD)	5	10	15	20	25	30	40	50	60	70	80	90	100	150	200	250	300	350	400	450	500
1/2"	18	203	146	121	105	95	87	76	68	62	58	54	52	49	40	35	32	29	27	25	24	23
3/4"	25	632	447	365	316	283	258	223	200	182	169	158	149	141	115	100	89	81	75	70	66	63
1"	31	1549	1049	835	710	626	565	480	424	382	350	325	304	287	228	194	171	154	141	131	123	116
1 1/4"	37	2132	1506	1228	1063	950	867	750	671	612	567	530	499	474	386	334	299	273	252	236	222	211

Gas Pressure: <b>0.5</b> psi or less		Allowable Pressure Drop: <b>3</b> inches of water column																		Table 6		
		Tubing Length (feet)																				
Tube Size	(EHD)	5	10	15	20	25	30	40	50	60	70	80	90	100	150	200	250	300	350	400	450	500
1/2"	18	222	160	132	115	103	95	83	74	68	63	59	56	53	44	38	34	32	29	28	26	25
3/4"	25	692	490	400	346	310	283	245	219	200	185	173	163	155	126	109	98	89	82	77	73	69
1"	31	1717	1162	925	787	694	626	532	469	424	388	360	337	318	253	215	189	171	157	145	136	128
1 1/4"	37	2337	1650	1346	1165	1041	950	822	735	671	621	581	547	519	423	366	327	299	277	259	244	231

Gas Pressure: <b>0.5</b> psi or less		Allowable Pressure Drop: <b>3.5</b> inches of water column																		Table 7		
		Tubing Length (feet)																				
Tube Size	(EHD)	5	10	15	20	25	30	40	50	60	70	80	90	100	150	200	250	300	350	400	450	500
1/2"	18	239	172	142	124	111	102	89	80	73	68	64	60	58	47	41	37	34	32	30	28	27
3/4"	25	748	529	432	374	334	305	264	236	216	200	187	176	167	136	118	106	96	89	83	79	74
1"	31	1873	1267	1009	858	757	683	581	512	462	424	393	368	346	276	234	207	186	171	158	148	140
1 1/4"	37	2525	1783	1454	1259	1125	1027	889	794	725	671	627	591	561	457	396	354	323	299	279	263	250

Gas Pressure: <b>0.5</b> psi or less		Allowable Pressure Drop: <b>4</b> inches of water column																		Table 8		
		Tubing Length (feet)																				
Tube Size	(EHD)	5	10	15	20	25	30	40	50	60	70	80	90	100	150	200	250	300	350	400	450	500
1/2"	18	254	183	151	132	119	109	95	85	78	73	68	64	61	51	44	40	36	34	32	30	28
3/4"	25	800	565	462	400	358	326	283	253	231	214	200	188	179	146	126	113	103	95	89	84	80
1"	31	2019	1366	1088	925	816	736	626	552	498	457	424	396	373	297	253	223	201	184	171	160	151
1 1/4"	37	2700	1906	1555	1346	1203	1098	950	850	775	717	671	632	600	489	423	378	345	320	299	282	267



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<b>Gas Pressure:</b> 0.5 psi or less		<b>Allowable Pressure Drop: 5 inches of water column</b>																			<b>Table 9</b>	
		Tubing Length (feet)																				
Tube Size (EHD)		5	10	15	20	25	30	40	50	60	70	80	90	100	150	200	250	300	350	400	450	500
1/2"	18	283	203	168	146	132	121	105	95	87	81	76	72	68	56	49	44	40	37	35	33	32
3/4"	25	894	632	516	447	400	365	316	283	258	239	223	211	200	163	141	126	115	107	100	94	89
1"	31	2289	1549	1233	1049	925	835	710	626	565	518	480	449	424	337	287	253	228	209	194	181	171
1 1/4"	37	3020	2132	1740	1506	1346	1228	1063	950	867	803	750	707	671	547	474	423	386	357	334	315	299

<b>Gas Pressure:</b> 0.5 psi or less		<b>Allowable Pressure Drop: 6 inches of water column</b>																			<b>Table 10</b>	
		Tubing Length (feet)																				
Tube Size (EHD)		5	10	15	20	25	30	40	50	60	70	80	90	100	150	200	250	300	350	400	450	500
1/2"	18	308	222	183	160	144	132	115	103	95	88	83	78	74	61	53	48	44	41	38	36	34
3/4"	25	979	692	565	490	438	400	346	310	283	262	245	231	219	179	155	138	126	117	109	103	98
1"	31	2536	1717	1366	1162	1025	925	787	694	626	574	532	498	469	373	318	280	253	232	215	201	189
1 1/4"	37	3310	2337	1906	1650	1475	1346	1165	1041	950	880	822	775	735	600	519	464	423	392	366	345	327