

Table 1a

Pressure Drop of 0.075 kPa (Meter Pressure 1.1 kPa) NATURAL GAS flow through PE-X/AL/PE-X Composite Pipe Crimped Fittings (MJ/h) - Length of straight pipe in metres																						
Size mm	2	4	6	8	10	12	14	16	18	20	25	30	35	40	45	50	55	60	65	70	75	+ metres per fitting
16	85	58	47	40	36	32	30	28	26	24	22	20	18	17	16	15	14	14	13	12	12	1.3
20	167	115	92	79	70	63	58	54	51	48	43	39	35	33	31	29	28	26	25	24	23	1.2
25	326	224	180	154	137	124	114	106	99	94	83	75	69	65	61	57	54	52	50	48	46	0.5
32	650	447	359	307	272	247	227	211	198	187	166	150	138	129	121	114	108	103	99	95	92	0.6
40	1122	771	619	530	470	426	392	364	342	323	286	259	239	222	208	197	187	178	171	164	158	0.9
50	2151	1479	1187	1016	901	816	751	698	655	619	549	497	457	425	399	377	358	342	327	314	303	n/a
63	3987	3478	2777	2366	2091	1889	1734	1610	1508	1422	1349	1136	1042	968	907	855	811	773	739	709	683	n/a

Pressure Drop of 0.075 kPa (Meter Pressure 1.1 kPa) -(cont'd) NATURAL GAS flow through PE-X/AL/PE-X Composite Pipe Crimped Fittings (MJ/h)																						
Size mm	80	85	90	95	100	110	120	130	140	150	160	170	180	190	200							+ metres per fitting
16	12	11	11	11	10	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a							1.3
20	23	22	21	21	20	19	18	17	17	16	16	15	15	14	14							1.2
25	44	43	42	40	39	37	36	34	33	32	30	29	29	28	27							0.5
32	88	86	83	81	78	74	71	68	65	63	61	59	57	55	54							0.6
40	153	148	143	139	135	128	122	117	113	109	105	101	98	96	93							0.9
50	292	283	274	266	259	246	235	225	216	208	201	194	189	183	178							n/a
63	658	637	617	599	582	526	483	448	420	396	375	358	342	328	316							n/a



**SIZING TABLES FOR CRIMP FITTINGS
(NATURAL GAS ONLY)
VIC, SA, QLD, TAS, NT**

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Pressure Drop of 0.75 kPa (Meter Pressure 2.75 kPa - 5.0kPa) NATURAL GAS flow through PE-X/AL/PE-X Composite Pipe Crimped Fittings (MJ/h) Length of straight pipe in metres																						
Size mm	2	4	6	8	10	12	14	16	18	20	25	30	35	40	45	50	55	60	65	70	75	+ metres per fitting
16	296	203	163	140	124	112	103	96	90	85	75	68	63	58	55	52	49	47	45	43	42	1.7
20	580	399	320	274	243	220	202	188	177	167	148	134	123	115	108	102	97	92	88	85	82	1.4
25	1134	779	626	536	475	430	396	368	345	326	289	262	241	224	210	199	189	180	172	166	160	0.8
32	2260	1553	1247	1067	946	857	789	734	688	650	576	522	480	447	419	396	376	359	344	330	318	0.6
40	3900	2680	2152	1842	1633	1479	1361	1266	1188	1122	994	901	829	771	724	683	649	619	593	570	549	n/a
50	7477	5139	4127	3532	3130	2836	2609	2428	2278	2151	1907	1728	1589	1479	1387	1311	1245	1187	1137	1092	1052	n/a
63	13362	12509	9986	8511	7518	6794	6237	5791	5424	5116	4519	4084	3749	3481	3260	3075	2916	2779	2658	2551	2455	n/a

Pressure Drop of 0.75 kPa (Meter Pressure 2.75 kPa - 5.0kPa) - (cont'd) NATURAL GAS flow through PE-X/AL/PE-X Composite Pipe Crimped Fittings (MJ/h)																						
Size mm	80	85	90	95	100	110	120	130	140	150	160	170	180	190	200							+ metres per fitting
16	40	39	38	37	36	34	32	31	30	29	28	27	26	25	24							1.7
20	79	76	74	72	70	66	63	61	58	56	54	52	51	49	48							1.4
25	154	149	145	140	137	130	124	119	114	110	106	103	99	97	94							0.8
32	307	297	288	280	272	259	247	236	227	219	211	204	198	192	187							0.6
40	530	513	497	483	470	446	426	408	392	377	364	353	342	332	323							n/a
50	1016	983	954	926	901	855	816	782	751	723	698	676	655	636	619							n/a
63	2368	2290	2218	2153	2092	1891	1735	1611	1509	1423	1350	1286	1230	1181	1136							n/a