

Approximate HYDROGEN Gas Pressure Loss Data in (Mbar / m) in PE Tube

Input Gross	Heat Input Net	GAS RATE M3/HR	Pressure loss /	Pressure loss /	Pressure loss /	Pressure loss /	Pressure loss /
			m 16MM	m 20MM	m 25MM	m 32MM	m 40MM
0.35	0.32	0.1	0.001736				
0.71	0.64	0.2	0.003617				
1.06	0.96	0.3	0.006010				
1.41	1.28	0.4	0.008828	0.002316			
1.76	1.60	0.5	0.012032	0.003113	0.000954		
2.12	1.92	0.6	0.015593	0.003995	0.001211	0.000418	
2.47	2.25	0.7	0.019493	0.004956	0.001490	0.000510	0.000196
2.82	2.57	0.8	0.023716	0.005993	0.001790	0.000609	0.000233
3.18	2.89	0.9	0.028250	0.007103	0.002111	0.000714	0.000271
3.53	3.21	1	0.033083	0.008283	0.002450	0.000825	0.000312
3.88	3.53	1.1	0.038207	0.009531	0.002809	0.000943	0.000355
4.23	3.85	1.2	0.043614	0.010845	0.003186	0.001065	0.000400
4.59	4.17	1.3	0.049297	0.012223	0.003580	0.001194	0.000447
4.94	4.49	1.4	0.055249	0.013665	0.003992	0.001328	0.000495
5.29	4.81	1.5	0.061465	0.015168	0.004421	0.001467	0.000546
5.64	5.13	1.6	0.067941	0.016731	0.004867	0.001611	0.000598
6.00	5.45	1.7	0.074670	0.018354	0.005329	0.001760	0.000652
6.35	5.77	1.8	0.081649	0.020035	0.005806	0.001915	0.000708
6.70	6.09	1.9	0.088875	0.021773	0.006300	0.002074	0.000766
7.06	6.41	2	0.096343	0.023567	0.006809	0.002239	0.000825
7.41	6.74	2.1	0.104050	0.025418	0.007334	0.002408	0.000886
7.76	7.06	2.2	0.111992	0.027323	0.007873	0.002581	0.000949
8.11	7.38	2.3	0.120168	0.029282	0.008427	0.002760	0.001013
8.47	7.70	2.4	0.128574	0.031295	0.008997	0.002943	0.001079
8.82	8.02	2.5	0.137207	0.033361	0.009580	0.003130	0.001147
9.17	8.34	2.6	0.146066	0.035479	0.010178	0.003322	0.001216
9.53	8.66	2.7	0.155147	0.037649	0.010790	0.003518	0.001287
9.88	8.98	2.8	0.164448	0.039870	0.011416	0.003719	0.001359
10.23	9.30	2.9	0.173968	0.042141	0.012056	0.003924	0.001432
10.58	9.62	3	0.183703	0.044463	0.012710	0.004134	0.001508
10.94	9.94	3.1	0.193654	0.046835	0.013378	0.004347	0.001584
11.29	10.26	3.2	0.203816	0.049256	0.014059	0.004565	0.001662
11.64	10.58	3.3	0.214190	0.051725	0.014753	0.004787	0.001742
12.00	10.90	3.4	0.224772	0.054243	0.015460	0.005013	0.001823
12.35	11.23	3.5	0.235562	0.056810	0.016181	0.005243	0.001905
12.70	11.55	3.6	0.246557	0.059424	0.016915	0.005478	0.001989
13.05	11.87	3.7	0.257757	0.062085	0.017662	0.005716	0.002075
13.41	12.19	3.8	0.269160	0.064793	0.018422	0.005958	0.002161
13.76	12.51	3.9	0.280764	0.067548	0.019194	0.006205	0.002249
14.11	12.83	4	0.292568	0.070350	0.019979	0.006455	0.002339
14.46	13.15	4.1	0.304571	0.073197	0.020777	0.006709	0.002430
14.82	13.47	4.2	0.316772	0.076090	0.021587	0.006967	0.002522
15.17	13.79	4.3	0.329169	0.079029	0.022410	0.007229	0.002615
15.52	14.11	4.4	0.341761	0.082013	0.023245	0.007495	0.002710
15.88	14.43	4.5	0.354547	0.085041	0.024092	0.007765	0.002807
16.23	14.75	4.6	0.367526	0.088114	0.024952	0.008038	0.002904
16.58	15.07	4.7	0.380697	0.091232	0.025823	0.008315	0.003003
16.93	15.39	4.8	0.394058	0.094394	0.026707	0.008596	0.003103
17.29	15.72	4.9	0.407610	0.097600	0.027603	0.008881	0.003205
17.64	16.04	5	0.421350	0.100849	0.028510	0.009169	0.003307
17.99	16.36	5.1	0.435278	0.104142	0.029430	0.009461	0.003411
18.35	16.68	5.2	0.449392	0.107478	0.030361	0.009757	0.003517
18.70	17.00	5.3	0.463693	0.110857	0.031304	0.010056	0.003623
19.05	17.32	5.4	0.478179	0.114278	0.032259	0.010359	0.003731
19.40	17.64	5.5	0.492849	0.117743	0.033225	0.010666	0.003840
19.76	17.96	5.6	0.507702	0.121249	0.034203	0.010976	0.003951
20.11	18.28	5.7	0.522738	0.124798	0.035192	0.011290	0.004062
20.46	18.60	5.8	0.537956	0.128389	0.036193	0.011607	0.004175



Approximate HYDROGEN Gas Pressure Loss Data in (Mbar / m) in PE Tube

Input Gross	Heat Input Net	GAS RATE M3/HR	Pressure loss /	Pressure loss /	Pressure loss /	Pressure loss /	Pressure loss /
			m 16MM	m 20MM	m 25MM	m 32MM	m 40MM
21.17	19.24	6	0.568933	0.135696	0.038229	0.012253	0.004404
21.87	19.89	6.2	0.600628	0.143168	0.040310	0.012912	0.004639
22.58	20.53	6.4	0.633035	0.150805	0.042436	0.013585	0.004878
23.28	21.17	6.6	0.666148	0.158605	0.044606	0.014272	0.005122
23.99	21.81	6.8	0.699962	0.166566	0.046821	0.014919	0.005349
24.70	22.45	7	0.734472	0.174689	0.049079	0.015687	0.005624
25.40	23.09	7.2	0.769673	0.182970	0.051381	0.016415	0.005882
26.11	23.73	7.4	0.805560	0.191410	0.053726	0.017156	0.006145
26.81	24.38	7.6	0.842129	0.200007	0.056113	0.017911	0.006412
27.52	25.02	7.8	0.879374	0.208760	0.058543	0.018678	0.006684
28.22	25.66	8	0.917293	0.217668	0.061016	0.019459	0.006960
28.93	26.30	8.2	0.955880	0.226730	0.063530	0.020253	0.007242
29.64	26.94	8.4	0.995133	0.235946	0.066086	0.021059	0.007527
30.34	27.58	8.6	1.035046	0.245313	0.068684	0.021879	0.007817
31.05	28.22	8.8	1.075617	0.254833	0.071323	0.022711	0.008112
31.75	28.87	9	1.116841	0.264502	0.074003	0.023556	0.008410
32.46	29.51	9.2	1.158715	0.274322	0.076723	0.024414	0.008714
33.16	30.15	9.4	1.201236	0.284290	0.079484	0.025284	0.009021
33.87	30.79	9.6	1.244400	0.294406	0.082286	0.026167	0.009333
34.57	31.43	9.8	1.288205	0.304670	0.085127	0.027062	0.009649
35.28	32.07	10	1.332646	0.315080	0.088008	0.027969	0.009970
35.99	32.71	10.2	1.377721	0.325636	0.090929	0.028889	0.010295
36.69	33.36	10.4	1.423428	0.336338	0.093890	0.029821	0.010624
37.40	34.00	10.6	1.469763	0.347184	0.096890	0.030765	0.010957
38.10	34.64	10.8	1.516722	0.358173	0.099929	0.031721	0.011295
38.81	35.28	11	1.564305	0.369306	0.103006	0.032689	0.011636
39.51	35.92	11.2	1.612507	0.380581	0.106123	0.033669	0.011982
40.22	36.56	11.4	1.661327	0.391999	0.109278	0.034661	0.012332
40.92	37.20	11.6	1.710761	0.403557	0.112472	0.035665	0.012686
41.63	37.85	11.8	1.760807	0.415257	0.115704	0.036681	0.013044
42.34	38.49	12	1.811464	0.427096	0.118973	0.037709	0.013407
43.04	39.13	12.2	1.862727	0.439075	0.122281	0.038748	0.013773
43.75	39.77	12.4	1.914596	0.451194	0.125627	0.039799	0.014144
44.45	40.41	12.6	1.967067	0.463450	0.129010	0.040862	0.014518
45.16	41.05	12.8		0.475845	0.132431	0.041936	0.014896
45.86	41.69	13		0.488377	0.135889	0.043022	0.015279
46.57	42.34	13.2		0.501046	0.139384	0.044119	0.015665
47.28	42.98	13.4		0.513851	0.142916	0.045228	0.016056
47.98	43.62	13.6		0.526793	0.146485	0.046348	0.016450
48.69	44.26	13.8		0.539869	0.150091	0.047479	0.016849
49.39	44.90	14		0.553081	0.153734	0.048622	0.017251
50.10	45.54	14.2		0.566428	0.157413	0.049776	0.017657
50.80	46.18	14.4		0.579908	0.161128	0.050942	0.018067
51.51	46.83	14.6		0.593523	0.164880	0.052118	0.018481
52.21	47.47	14.8		0.607270	0.168668	0.053306	0.018899
52.92	48.11	15		0.621150	0.172492	0.054505	0.019321
53.63	48.75	15.2		0.635163	0.176352	0.055715	0.019746

GBE

gas.co.uk