

## KDS003 Water Head Loss in Polyethylene Pipe to PE63-AS4130 at 20°C

Flow Rate (l/s)	Head Loss (metres per 100 metres of pipe)							
	OD 32mm		OD 40mm		OD50mm		OD63mm	
	PN6.3	PN12.5	PN6.3	PN12.5	PN6.3	PN12.5	PN6.3	PN12.5
0.4	2.08	3.99	0.73	1.39	0.25	0.48	0.09	0.16
0.5	3.07	5.90	1.08	2.05	0.37	0.70	1.13	0.24
0.6	4.24	8.14	1.49	2.82	0.51	0.97	0.17	0.32
0.7	5.56	10.7	1.95	3.7	0.67	1.27	0.22	0.43
0.8	7.05	13.56	2.47	4.69	0.85	1.61	0.28	0.54
0.9	8.68	16.72	3.04	5.78	1.04	1.98	0.35	0.66
1.0	10.47	20.17	3.66	6.96	1.26	2.38	0.42	0.8
1.2	14.48	27.93	5.06	9.63	1.73	3.29	0.58	1.1
1.4	19.07	36.80	6.66	12.67	2.28	4.33	0.75	1.44
1.6	24.21	46.76	8.45	16.09	2.89	5.49	0.96	1.83
1.8	29.91	57.79	10.42	19.86	3.56	6.77	1.18	2.25
2.0	36.13	69.86	12.58	23.99	4.3	8.17	1.42	2.71
2.5	54.00	104.53	18.77	35.82	6.4	12.18	2.11	4.04
3.0			26.05	49.75	8.87	16.89	2.92	5.6
3.5			34.39	65.74	11.69	22.29	3.85	7.38
4.0			43.77	83.73	14.86	28.35	4.89	9.37
4.5					18.38	35.07	6.04	11.59
5.0					22.22	42.44	7.3	14.01
5.5					26.40	50.44	8.66	16.63
6.0					30.90	59.07	10.13	19.46
6.5					35.72	68.31	11.70	22.49
7.0							13.38	25.72