



Count on it.

Friction Loss

Polyethylene OD Controlled Hose

OD Controlled Round Hose

Losses in psi per 100 feet of hose (psi/100 ft). for hose sizes: 16 mm (.596") ID through 22 mm (.870") ID

Part No.		EHO1650		EHO2055		EHO2060			
Nom. ID		0.600"		0.830"		0.820"			
Min. ID		0.596"		0.821"		0.811"			
Nom. Wall		0.050"		0.055"		0.060"			
Flow		Velocity		Loss		Velocity		Loss	
GPM	GPH	FPS	Psi	FPS	Psi	FPS	Psi	FPS	Psi
0.5	30	0.58	0.17	0.30	0.03	0.31	0.04		
1.0	60	1.15	0.60	0.61	0.13	0.62	0.13		
1.5	90	1.73	1.27	0.91	0.27	0.93	0.28		
2.0	120	2.30	2.16	1.21	0.46	1.24	0.48		
2.5	150	2.88	3.27	1.52	0.69	1.55	0.73		
3.0	180	3.45	4.59	1.82	0.96	1.86	1.02		
3.5	210	4.03	6.10	2.12	1.28	2.17	1.36		
4.0	240	4.60	7.82	2.42	1.64	2.48	1.74		
4.5	270	5.18	9.72	2.73	2.04	2.79	2.17		
5.0	300	5.75	11.81	3.03	2.48	3.11	2.64		
6.0	360	6.90	16.56	3.64	3.48	3.73	3.69		
7.0	420	8.05	22.03	4.24	4.63	4.35	4.92		
8.0	480	9.20	28.21	4.85	5.93	4.97	6.29		
9.0	540	10.35	35.09	5.45	7.38	5.59	7.83		
10.0	600	11.50	42.65	6.06	8.96	6.21	9.52		
11.0	660	12.65	50.89	6.67	10.70	6.83	11.35		
12.0	720	13.80	59.78	7.27	12.57	7.45	13.34		
13.0	780			7.88	14.57	8.07	15.47		
14.0	840			8.48	16.72	8.70	17.75		
15.0	900			9.09	19.00	9.32	20.16		
16.0	960			9.70	21.41	9.94	22.72		
17.0	1,020			10.30	23.95	10.56	25.42		
18.0	1,080			10.91	26.63	11.18	28.26		
19.0	1,140			11.51	29.43	11.80	31.24		
20.0	1,200			12.12	32.36	12.42	34.35		
22.0	1,320			13.33	38.61	13.66	40.98		
24.0	1,440			14.55	45.36	14.91	48.15		
26.0	1,560			15.76	52.61	16.15	55.84		
28.0	1,680			16.97	60.35				
30.0	1,800								
32.0	1,920								

HDO2255	
0.870"	
0.870"	
0.055"	
Velocity	Loss
FPS	Psi
0.27	0.03
0.54	0.10
0.81	0.20
1.08	0.34
1.35	0.52
1.62	0.73
1.89	0.97
2.16	1.24
2.43	1.54
2.70	1.87
3.24	2.62
3.78	3.49
4.32	4.47
4.86	5.56
5.40	6.76
5.94	8.06
6.48	9.47
7.02	10.99
7.56	12.61
8.10	14.32
8.64	16.14
9.17	18.06
9.71	20.08
10.25	22.19
10.79	24.40
11.87	29.11
12.95	34.20
14.03	39.67
15.11	45.51
16.19	51.71
17.27	58.27

Friction losses are calculated using Hazen-Williams equation (C = 140) and minimum inside diameters.