



TPU LAYFLAT | FRICTION LOSS DATA

	Flowrate	Flowrate	Flow Velocity	Head Loss	Pressure Loss
	b/min.	gal/min.	ft/sec	ft/100' of hose	PSI/100' of hose
3 Inch	3	126	5.47	3.1	1.35
	5	210	8.68	7.2	3.11
	7	294	12.77	14.5	6.27
	10	420	18.24	27.8	12.03
	18	756	32.83	81.9	35.49
	24	1008	43.77	139.6	60.45
4 Inch	7	294	7.41	3.9	1.69
	10	420	10.59	7.5	3.23
	12	504	12.71	10.4	4.50
	18	756	19.06	21.9	9.46
	24	1008	25.42	37.1	16.6
	30	1260	31.77	56.0	24.25
	35	1470	37.70	74.5	32.26
	41	1722	43.42	100	43.28
6 Inch	40	1680	18.67	13	5.61
	45	1890	21	16.1	6.97
	50	2100	23.33	19.6	8.47
	55	2310	25.67	23.3	10.1
	60	2520	28	27.4	11.86
	65	2730	30.33	31.8	13.76
	70	2940	32.67	36.5	15.79
	75	3150	35	41.5	17.94
	80	3360	37.33	46.7	20.23
	85	3570	39.67	52.3	22.64
	90	3780	42	58.2	25.19
	95	4000	44.44	64.6	27.99
	100	4200	46.67	70.8	30.65
8 Inch	40	1680	10.78	3.4	1.48
	45	1890	12.13	4.3	1.84
	50	2100	13.47	5.2	2.23
	55	2310	14.82	6.1	2.66
	60	2520	16.17	7.2	3.12
	65	2730	17.52	8.4	3.62
	70	2940	18.86	9.6	4.15
	75	3150	20.21	10.9	4.71
	80	3360	21.56	12.3	5.31
	85	3570	22.91	13.7	5.94
	90	3780	24.25	15.2	6.60
	95	4000	25.67	16.9	7.32
	100	4200	26.95	18.5	8.02
	150	6300	40.42	39.3	17.03





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	b/min.	gal/min.	ft/sec	ft/100' of hose	PSI/100' of hose
10 Inch	40	1680	6.66	1.07	0.46
	45	1890	7.50	1.32	0.57
	50	2100	8.33	1.61	0.69
	70	2940	11.66	2.98	1.29
	75	3150	12.5	3.38	1.46
	80	3360	13.33	3.81	1.65
	85	3570	14.16	4.26	1.84
	90	3780	15	4.73	2.05
	95	4000	15.87	5.25	2.24
	100	4200	16.66	5.75	2.48
	150	6300	24.99	12.16	5.26
	200	8400	33.32	20.75	8.98
	250	10500	41.65	31.45	13.61
12 Inch	50	2100	5.81	0.67	0.29
	55	2310	6.40	0.80	0.34
	65	2730	7.56	1.09	0.47
	75	3150	8.72	1.41	0.61
	85	3570	9.88	1.78	0.77
	95	3990	11.07	2.19	0.95
	100	4200	11.63	2.40	1.04
	150	6300	17.44	5.07	2.19
	200	8400	23.26	8.63	3.73
	250	10500	29.07	13.06	5.65
14 Inch	50	2100	4.29	0.32	0.14
	75	3150	6.43	0.67	0.29
	100	4200	8.57	1.14	0.49
	200	8400	17.15	4.11	1.78
	300	12600	21.64	6.32	2.73
	400	16800	34.29	14.88	6.44
	500	21000	42.87	22.58	9.77
16 Inch	50	2100	3.29	0.17	0.074
	75	3150	4.94	0.358	0.155
	100	4200	6.58	0.606	0.262
	200	8400	13.16	2.164	0.937
	300	12600	19.74	4.57	1.98
	400	16800	26.33	7.808	3.38
	500	21000	32.91	11.828	5.12

