

### Fly Line Sink Rates - 40 Degree Fresh Water

		Weight (grains / foot)																															
		6.0	6.5	7.0	7.5	8.0	8.5	9.0	9.5	10.0	10.5	11.0	11.5	12.0	12.5	13.0	13.5	14.0	14.5	15.0	15.5	16.0	16.5	17.0	17.5	18.0	18.5	19.0	19.5	20.0	20.5	21.0	21.5
Diameter (thousandths of an inch)	28	4.7	5.0	5.3	5.6	5.9	6.2	6.4	6.7	6.9	7.2	7.4	7.6	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.5	9.6	9.8	10.0	10.2	10.4	10.5	10.7	10.9	11.0	11.2	11.4
	29	4.6	4.9	5.2	5.5	5.8	6.0	6.3	6.5	6.8	7.0	7.2	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.5	9.6	9.8	10.0	10.2	10.3	10.5	10.7	10.8	11.0	11.1
	30	4.4	4.7	5.0	5.3	5.6	5.9	6.1	6.4	6.6	6.8	7.1	7.3	7.5	7.7	7.9	8.1	8.3	8.5	8.7	8.9	9.1	9.3	9.4	9.6	9.8	10.0	10.1	10.3	10.4	10.6	10.8	10.9
	31	4.2	4.6	4.9	5.2	5.4	5.7	6.0	6.2	6.4	6.7	6.9	7.1	7.3	7.5	7.8	8.0	8.1	8.3	8.5	8.7	8.9	9.1	9.2	9.4	9.6	9.8	9.9	10.1	10.2	10.4	10.6	10.7
	32	4.1	4.4	4.7	5.0	5.3	5.5	5.8	6.0	6.3	6.5	6.7	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.5	8.7	8.9	9.1	9.2	9.4	9.6	9.7	9.9	10.1	10.2	10.4	10.5
	33	3.9	4.3	4.6	4.9	5.1	5.4	5.6	5.9	6.1	6.4	6.6	6.8	7.0	7.2	7.4	7.6	7.8	8.0	8.2	8.4	8.5	8.7	8.9	9.1	9.2	9.4	9.6	9.7	9.9	10.0	10.2	10.3
	34	3.8	4.1	4.4	4.7	5.0	5.2	5.5	5.7	6.0	6.2	6.4	6.6	6.9	7.1	7.3	7.5	7.6	7.8	8.0	8.2	8.4	8.5	8.7	8.9	9.1	9.2	9.4	9.5	9.7	9.8	10.0	10.1
	35	3.6	3.9	4.3	4.5	4.8	5.1	5.3	5.6	5.8	6.1	6.3	6.5	6.7	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.4	8.6	8.7	8.9	9.0	9.2	9.4	9.5	9.7	9.8	10.0
	36	3.5	3.8	4.1	4.4	4.7	4.9	5.2	5.4	5.7	5.9	6.1	6.3	6.5	6.8	6.9	7.1	7.3	7.5	7.7	7.9	8.0	8.2	8.4	8.6	8.7	8.9	9.0	9.2	9.3	9.5	9.6	9.8
	37	3.3	3.6	4.0	4.2	4.5	4.8	5.0	5.3	5.5	5.8	6.0	6.2	6.4	6.6	6.8	7.0	7.2	7.4	7.5	7.7	7.9	8.1	8.2	8.4	8.6	8.7	8.9	9.0	9.2	9.3	9.5	9.6
	38	3.1	3.5	3.8	4.1	4.4	4.6	4.9	5.1	5.4	5.6	5.8	6.0	6.3	6.5	6.6	6.8	7.0	7.2	7.4	7.6	7.7	7.9	8.1	8.2	8.4	8.6	8.7	8.9	9.0	9.2	9.3	9.4
	39	3.0	3.3	3.6	3.9	4.2	4.5	4.8	5.0	5.2	5.5	5.7	5.9	6.1	6.3	6.5	6.7	6.9	7.1	7.2	7.4	7.6	7.8	7.9	8.1	8.2	8.4	8.6	8.7	8.9	9.0	9.1	9.3
	40	2.8	3.2	3.5	3.8	4.1	4.4	4.6	4.9	5.1	5.3	5.5	5.8	6.0	6.2	6.4	6.5	6.7	6.9	7.1	7.3	7.4	7.6	7.8	7.9	8.1	8.2	8.4	8.5	8.7	8.8	9.0	9.1
	41	2.6	3.0	3.3	3.6	3.9	4.2	4.5	4.7	4.9	5.2	5.4	5.6	5.8	6.0	6.2	6.4	6.6	6.8	6.9	7.1	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	8.5	8.7	8.8	9.0
	42	2.4	2.8	3.2	3.5	3.8	4.1	4.3	4.6	4.8	5.0	5.3	5.5	5.7	5.9	6.1	6.3	6.4	6.6	6.8	7.0	7.1	7.3	7.5	7.6	7.8	7.9	8.1	8.2	8.4	8.5	8.7	8.8
	43	2.3	2.7	3.0	3.3	3.6	3.9	4.2	4.4	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.3	6.5	6.7	6.8	7.0	7.2	7.3	7.5	7.6	7.8	8.0	8.1	8.2	8.4	8.5	8.7
	44	2.1	2.5	2.8	3.2	3.5	3.8	4.0	4.3	4.5	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.2	6.3	6.5	6.7	6.9	7.0	7.2	7.3	7.5	7.7	7.8	8.0	8.1	8.2	8.4	8.5
	45	1.9	2.3	2.7	3.0	3.3	3.6	3.9	4.1	4.4	4.6	4.8	5.0	5.3	5.5	5.7	5.8	6.0	6.2	6.4	6.6	6.7	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2	8.4
	46	1.6	2.1	2.5	2.8	3.1	3.4	3.7	4.0	4.2	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.9	6.1	6.2	6.4	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.1	8.2
	47	1.4	1.9	2.3	2.7	3.0	3.3	3.6	3.8	4.1	4.3	4.5	4.8	5.0	5.2	5.4	5.6	5.8	5.9	6.1	6.3	6.5	6.6	6.8	6.9	7.1	7.2	7.4	7.5	7.7	7.8	8.0	8.1
	48	1.1	1.6	2.1	2.5	2.8	3.1	3.4	3.7	3.9	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.8	6.0	6.1	6.3	6.5	6.6	6.8	7.0	7.1	7.3	7.4	7.5	7.7	7.8	8.0
	49	0.7	1.4	1.9	2.3	2.6	3.0	3.3	3.5	3.8	4.0	4.3	4.5	4.7	4.9	5.1	5.3	5.5	5.7	5.8	6.0	6.2	6.3	6.5	6.7	6.8	7.0	7.1	7.3	7.4	7.5	7.7	7.8
	50	0.2	1.1	1.7	2.1	2.5	2.8	3.1	3.4	3.6	3.9	4.1	4.3	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.9	6.0	6.2	6.4	6.5	6.7	6.8	7.0	7.1	7.3	7.4	7.6	7.7
	51		0.8	1.4	1.9	2.3	2.6	2.9	3.2	3.5	3.7	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.4	5.6	5.7	5.9	6.1	6.2	6.4	6.6	6.7	6.9	7.0	7.1	7.3	7.4	7.6
	52		0.3	1.1	1.6	2.1	2.4	2.7	3.0	3.3	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.8	5.9	6.1	6.3	6.4	6.6	6.7	6.9	7.0	7.1	7.3	7.4
	53			0.8	1.4	1.8	2.2	2.6	2.9	3.2	3.4	3.7	3.9	4.1	4.3	4.6	4.7	4.9	5.1	5.3	5.5	5.6	5.8	6.0	6.1	6.3	6.4	6.6	6.7	6.9	7.0	7.2	7.3
	54			0.2	1.1	1.6	2.0	2.4	2.7	3.0	3.3	3.5	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.7	5.8	6.0	6.2	6.3	6.5	6.6	6.7	6.9	7.0	7.2
	55				0.7	1.3	1.8	2.2	2.5	2.8	3.1	3.4	3.6	3.8	4.1	4.3	4.5	4.7	4.9	5.0	5.2	5.4	5.6	5.7	5.9	6.0	6.2	6.3	6.5	6.6	6.8	6.9	7.0
	56				0.1	1.0	1.6	2.0	2.3	2.6	2.9	3.2	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.1	5.3	5.4	5.6	5.7	5.9	6.1	6.2	6.3	6.5	6.6	6.8	6.9
	57					0.7	1.3	1.7	2.1	2.5	2.8	3.0	3.3	3.5	3.8	4.0	4.2	4.4	4.6	4.8	4.9	5.1	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.6	6.8
	58						1.0	1.5	1.9	2.3	2.6	2.9	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	5.0	5.2	5.3	5.5	5.6	5.8	5.9	6.1	6.2	6.4	6.5	6.6
	59						0.6	1.2	1.7	2.1	2.4	2.7	3.0	3.2	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.9	5.0	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.2	6.4	6.5
	60							0.9	1.4	1.8	2.2	2.5	2.8	3.1	3.3	3.5	3.7	4.0	4.2	4.4	4.5	4.7	4.9	5.1	5.2	5.4	5.5	5.7	5.8	6.0	6.1	6.3	6.4
61							0.4	1.1	1.6	2.0	2.3	2.6	2.9	3.1	3.4	3.6	3.8	4.0	4.2	4.4	4.6	4.8	4.9	5.1	5.2	5.4	5.6	5.7	5.9	6.0	6.1	6.3	
62								0.8	1.3	1.8	2.1	2.4	2.7	3.0	3.2	3.4	3.7	3.9	4.1	4.3	4.4	4.6	4.8	5.0	5.1	5.3	5.4	5.6	5.7	5.9	6.0	6.1	
63									1.0	1.5	1.9	2.2	2.5	2.8	3.0	3.3	3.5	3.7	3.9	4.1	4.3	4.5	4.7	4.8	5.0	5.1	5.3	5.5	5.6	5.7	5.9	6.0	

floating line

0-3 in / sec sink rate

3-5 in / sec sink rate

5-7 in / sec sink rate

7-9 in / sec sink rate

9+ in / sec sink rate

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See [www.flyfishingresearch.net](http://www.flyfishingresearch.net) for a free, downloadable sink rate calculator and for pre-calculated fresh and salt water sink rate tables for different water temperatures.