



Hose Reel Sprinkler Performance Chart

900S/200M

FIELD-PIPE LENGTH MT					SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H	
200					10		20		30		40		50		60		70		80		90		100	
Flow mc/h	Flow l/min	Flow l/s	Pull to pull dist. mt	Irrigated area per pull Ha	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar
13.6	227	4	38.6	0.77	35	2.4	18	2.6	12	2.7	9	2.9	7	3.1	6	3.2	5	3.4	4	3.6	4	3.7	4	3.9
15.2	254	4.2	43.2	0.86	35	2.9	18	3.1	12	3.3	9	3.4	7	3.6	6	3.8	5	3.9	4	4.1	4	4.3	4	4.4
16.7	278	4.6	47.3	0.95	35	3.5	18	3.7	12	3.8	9	4.0	7	4.2	6	4.3	5	4.5	4	4.7	4	4.8	4	5.0
19.2	321	5.3	54.6	1.09	35	4.6	18	4.8	12	4.9	9	5.1	7	5.3	6	5.4	5	5.6	4	5.8	4	5.9	4	6.1
21.5	359	6.0	61.1	1.22	35	5.7	18	5.9	12	6.0	9	6.2	7	6.4	6	6.5	5	6.7	4	6.9	4	7.0	4	7.2
17.2	287	4.8	41.0	0.82	42	2.5	21	2.7	14	2.8	11	3.0	8	3.2	7	3.3	6	3.5	5	3.7	5	3.8	4	4.0
21.1	352	5.9	50.2	1.00	42	3.7	21	3.8	14	4.0	11	4.2	8	4.3	7	4.5	6	4.7	5	4.8	5	5.0	4	5.2
24.4	406	6.8	58.0	1.16	42	4.8	21	5.0	14	5.2	11	5.3	8	5.5	7	5.7	6	5.8	5	6.0	5	6.2	4	6.3
27.2	454	7.6	64.8	1.30	42	6.0	21	6.1	14	6.3	11	6.5	8	6.6	7	6.8	6	7.0	5	7.1	5	7.3	4	7.5
29.8	497	8.3	71.0	1.42	42	7.1	21	7.3	14	7.5	11	7.6	8	7.8	7	8.0	6	8.1	5	8.3	5	8.5	4	8.6
21.3	354	5.9	43.2	0.86	49	2.7	25	2.8	16	3.0	12	3.2	10	3.3	8	3.5	7	3.7	6	3.8	5	4.0	5	4.2
26.0	434	7.2	52.9	1.06	49	3.9	25	4.1	16	4.3	12	4.4	10	4.6	8	4.8	7	4.9	6	5.1	5	5.3	5	5.4
30.1	501	8.4	61.1	1.22	49	5.1	25	5.3	16	5.5	12	5.6	10	5.8	8	6.0	7	6.1	6	6.3	5	6.5	5	6.6
33.6	560	9.3	68.3	1.37	49	6.4	25	6.5	16	6.7	12	6.9	10	7.0	8	7.2	7	7.4	6	7.5	5	7.7	5	7.9
36.8	614	10.2	74.8	1.50	49	7.6	25	7.8	16	7.9	12	8.1	10	8.3	8	8.4	7	8.6	6	8.8	5	8.9	5	9.1
25.7	429	7.1	45.3	0.91	57	2.9	28	3.1	19	3.2	14	3.4	11	3.6	9	3.7	8	3.9	7	4.1	6	4.2	6	4.4
31.5	525	8.8	55.5	1.11	57	4.2	28	4.4	19	4.6	14	4.7	11	4.9	9	5.1	8	5.2	7	5.4	6	5.6	6	5.7
36.4	606	10.1	64.1	1.28	57	5.6	28	5.7	19	5.9	14	6.1	11	6.2	9	6.4	8	6.6	7	6.7	6	6.9	6	7.1
40.7	678	11.3	71.6	1.43	57	6.9	28	7.0	19	7.2	14	7.4	11	7.5	9	7.7	8	7.9	7	8.0	6	8.2	6	8.4

FIELD-PIPE LENGTH MT					SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H		SPEED MT/H	
200					10		20		30		40		50		60		70		80		90		100	
Flow mc/h	Flow l/min	Flow l/s	Pull to pull dist. mt	Irrigated area per pull Ha	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar	rate mm	inlet pres bar
44.6	743	12.4	78.5	1.57	57	8.2	28	8.4	19	8.5	14	8.7	11	8.9	9	9.0	8	9.2	7	9.4	6	9.5	6	9.7
30.6	510	8.5	47.3	0.95	65	3.2	32	3.3	22	3.5	16	3.7	13	3.8	11	4.0	9	4.2	8	4.3	7	4.5	6	4.7
37.5	625	10.4	58.0	1.16	65	4.6	32	4.8	22	5.0	16	5.1	13	5.3	11	5.5	9	5.6	8	5.8	7	6.0	6	6.1
43.3	722	12.0	66.9	1.34	65	6.1	32	6.3	22	6.4	16	6.6	13	6.8	11	6.9	9	7.1	8	7.3	7	7.4	6	7.6
48.4	807	13.4	74.8	1.50	65	7.5	32	7.7	22	7.9	16	8.0	13	8.2	11	8.4	9	8.5	8	8.7	7	8.9	6	9.0
53.0	884	14.7	82.0	1.64	65	9.0	32	9.1	22	9.3	16	9.5	13	9.6	11	9.8	9	10.0	8	10.1	7	10.3	6	10.5
35.9	599	10.0	49.3	0.99	73	3.5	36	3.7	24	3.9	18	4.0	15	4.2	12	4.4	10	4.5	9	4.7	8	4.9	7	5.0
44.0	733	12.2	60.3	1.21	73	5.2	36	5.3	24	5.5	18	5.7	15	5.8	12	6.0	10	6.2	9	6.3	8	6.5	7	6.7
50.8	847	14.1	69.7	1.39	73	6.8	36	6.9	24	7.1	18	7.3	15	7.4	12	7.6	10	7.8	9	7.9	8	8.1	7	8.3
56.8	947	15.8	77.9	1.56	73	8.4	36	8.5	24	8.7	18	8.9	15	9.0	12	9.2	10	9.4	9	9.5	8	9.7	7	9.9
62.2	1037	17.3	85.3	1.71	73	9.9	36	10.1	24	10.3	18	10.4	15	10.6	12	10.8	10	10.9	9	11.1	8	11.3	7	11.4