

P1™

Row Crop Irrigation Light Dripperline

Premium light dripperline product with innovative technologies that result in the following benefits to the grower:

- Seamless construction is stronger and more durable.
- P1 is manufactured using the highest quality engineering grade polyethylene resins available in the market today, producing a high strength and abrasion resistant product.
- P1 is made with injection molded drippers. Molded drippers offer a high degree of plug resistance, lower coefficient of variation, resulting in highly uniform water distribution.
- Outlet Flap is Standard. Outlet flap protects the emission device. Opens under pressure allowing flow and closes on shut down to reduce root intrusion and soil ingestion. With the flap you can feel confident installing P1 in above or below ground applications.
- Integrated inlet filters add additional protection against clogging.



Dripper Characteristics

Nominal Flow Rate

Standard		Filtration Requirement	Flow Equation		Cv	Dripper Color
GPH @ 10psi	gph @ 8psi		K	X		
.13	.12	150	.044	.48	.025	Blue .13
.17	.15	150	.056	.48	.025	Green .17
.25	.22	150	.083	.48	.025	Pink .25
.33	.29	150	.109	.48	.025	Yellow .33
.46	.41	120	.152	.48	.025	Lt. Blue .46

Irritec USA Inc.

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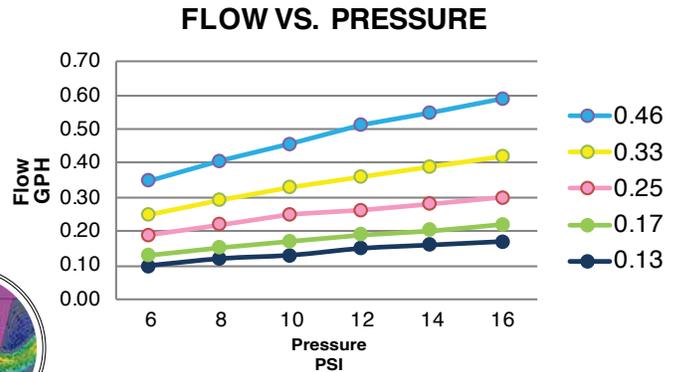
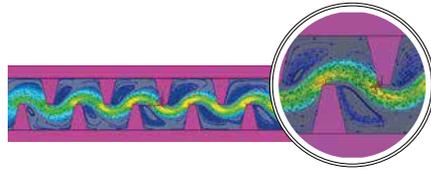
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don't wait for rain™

Nominal Flow Rate GPH@10psi	PRESSURE PSI					
	6	8	10	12	14	16
.17	.10	.12	.13	.15	.16	.17
.17	.13	.15	.17	.19	.20	.22
.25	.19	.22	.25	.26	.28	.30
.33	.25	.29	.33	.36	.39	.42
.46	.35	.41	.46	.51	.55	.59

	ID	Kd
5/8"	.635"	0.1
7/8"	.875"	0.09
1"	.990"	0.08
1 1/8"	1.125"	0.07



Nominal Flow Rate	GPM / 100 feet	8"	12"	14"	16"	18"	20"	24"
Blue .13 GPH	q/100 @ 10psi	.33	.22	.19	.17	.15	.13	.11
	q/100 @ 8psi	.30	.20	.17	.15	.13	.12	.10
Green .17 GPH	q/100 @ 10psi	.43	.28	.24	.21	.19	.17	.14
	q/100 @ 8psi	.38	.25	.22	.19	.17	.15	.13
Pink .25 GPH	q/100 @ 10psi	.60	.40	.34	.30	.27	.24	.20
	q/100 @ 8psi	.54	.36	.31	.27	.24	.22	.18
Yellow .33 GPH	q/100 @ 10psi	.82	.54	.47	.41	.36	.33	.26
	q/100 @ 8psi	.73	.49	.42	.36	.32	.29	.24
Lt. Blue .46 GPH	q/100 @ 10psi	1.14	.76	.66	.57	.51	.46	.38
	q/100 @ 8psi	1.02	.68	.62	.51	.45	.41	.34

Maximum Pressure Ratings

Product	Operating psi	Flushing psi
5/8" 6mil	12	17.4
5/8" 8mil	15	21.8
5/8" 10mil	17	26.1
5/8" 13mil	26	39.2
5/8" 15mil	32	47.9
7/8" 6mil	10	14.9
7/8" 8mil	12	17.4
7/8" 10mil	15	21.8
7/8" 13mil	22	32.7
7/8" 15mil	26	39.2
1" 13mil	17	26.1
1" 15mil	20	30.5
1 1/8" 13mil	14	22.0
1 1/8" 15mil	17	26.0

Packaging Information

Product	Standard Reel	Weight per coil	Weight Pallet
5/8" 6mil	10,000	61	1,001
5/8" 8mil	8,000	63	1,038
5/8" 10mil	6,500	62	1,022
5/8" 13mil	5,000	63	1,038
5/8" 15mil	4,100	56	926
7/8" 6mil	8,000	64	1,054
7/8" 8mil	6,000	64	1,054
7/8" 10mil	5,500	73	1,198
7/8" 13mil	4,000	66	1,086
7/8" 15mil	2,700	51	846
1" 13mil	3,000	56	926
1" 15mil	2,750	56	926
1 1/8" 13mil	2,800	55	910
1 1/8" 15mil	2,575	62	1,022
Reel Diameter	23"	Width of Core	5 3/4"
Reel Height	10"	Hole Diameter	1 5/8"

16 reels per pallet
Reeled with emitters facing out