D900 Drip Line

Maximize Your Farm With Longer Run Lengths

Rivulis D900 Thin Wall Drip Line

- Save on installation costs: Achieve longer run lengths with a smaller diameter tube
- More consistent crop yields: Achieve greater uniformity over longer run lengths

Rivulis

www.rivulis.com

Maximize: Farming

Have you ever wondered why some drip lines can work for longer run lengths than others?

The maximum distance a drip line can function is dependent on a number of factors including the exponent (correlation between flow output and pressure) and the kd value (friction caused by each emitter in the drip line). The lower the exponent and the kd value, the further you can run your drip irrigation system while still maintaining a high standard of irrigation uniformity.

Rivulis D900's design minimizes friction loss through its small design, and its uniquely engineered flow path that minimizes the exponent. In other words, Rivulis D900 allows you to achieve longer distances per row while still maintaining high uniformity.

Maximum: Run Lengths Comparison

Rivulis D900 16 mm, 1 l/h emitter at 50 cm spacing

222 m

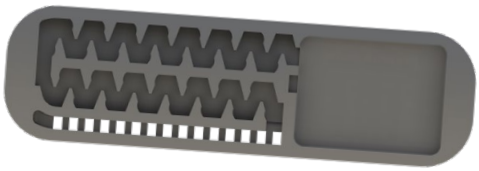
Calculations based on 1 bar pressure, flat ground and 10% maximum flow variation.

Greater run lengths provide numerous benefits

- Achieve longer run lengths with a smaller diameter tube: Save on installation costs
- Irrigate longer rows for more efficient farming operations: Longer rows, fewer tractor turns
- Greater uniformity of irrigation over longer run lengths: More consistent crop yields

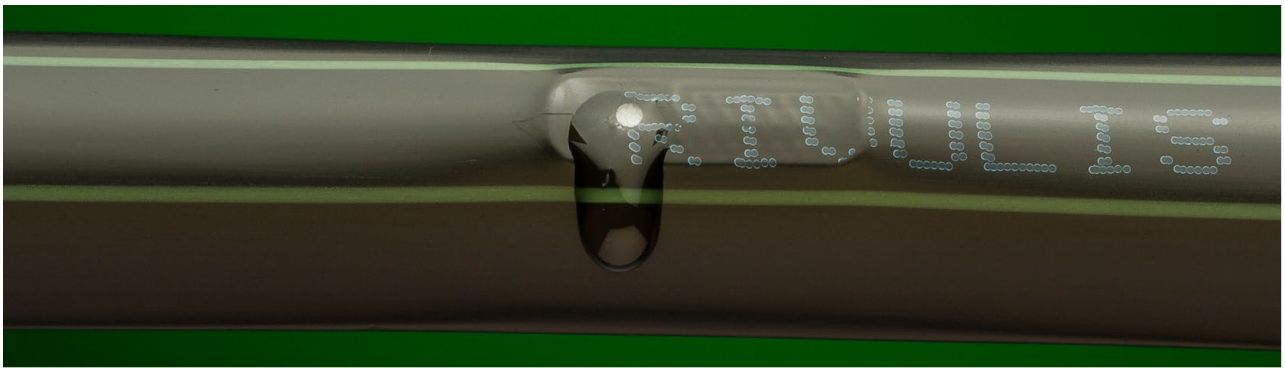
Rivulis D900 Technical Data

Nominal Ø	Wall Thickness		Internal Ø	Outside Ø	Nominal Flow Rate at 1.0 bar Pressure	Maximum Operating Pressure	Roll Length (according to emitter spacing)	Maximum Run Length (10% FV on Flat Ground) Spacing Between Emitters (cm)							
								15	20	25	30	40	50	60	75
(mm)	(mil)	(mm)	(mm)	(mm)	(l/h)	(bar)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
16	6	0.150	16.10	16.40	0.6	1.0	2600 (10 cm) 2700 (15 cm) 2800 (20 cm) 2900 (25 cm) 3000 (≥30 cm)	126	154	179	202	244	283	319	370
					1.0			95	115	134	151	183	212	239	277
					1.4			77	94	109	122	148	171	192	223
					2.2			59	71	82	92	112	130	146	169
	8	0.200		16.50	0.6	1.2	2500 (10 cm) 2600 (15 cm) 2700 (20 cm) 2800 (25 cm) 2900 (≥30 cm)	128	156	181	205	248	288	324	376
					1.0			99	120	140	158	191	222	250	290
					1.4			78	94	110	123	149	173	194	224
					2.2			59	72	83	94	113	131	148	170
	10	0.250		16.60	0.6	1.4	2100 (10 cm) 2200 (15 cm) 2300 (20 cm) 2400 (25 cm) 2500 (≥30 cm)	126	153	178	201	243	282	318	368
					1.0			100	122	142	160	194	225	254	294
					1.4			80	97	112	126	152	176	199	230
					2.2			60	72	84	94	114	132	149	173
22	8	0.200	22.20	22.60	0.6	1.0	1900 (15 cm) 2000 (20 cm) 2100 (≥25 cm)	219	267	312	353	428	496	560	649
					1.0			166	202	236	266	323	375	424	491
					1.4			133	161	187	211	255	295	332	384
					2.2			101	122	142	160	193	224	252	291
	10	0.250		22.70	0.6	1.3	1300 (15 cm) 1400 (20 cm) 1500 (25 cm) 1600 (≥30 cm)	221	270	314	355	431	500	565	654
					1.0			174	212	247	280	339	394	445	515
					1.4			135	163	189	214	258	299	337	389
					2.2			103	124	144	163	196	228	256	296



Flap Outlet Option

Both hole and flap outlet options are available. The flap outlet that helps prevent soil ingestion during system shut-down – **a great advantage for buried applications.**



D900 Drip Line

"By achieving longer run lengths, we significantly reduced our labor costs for installation in our corn crop."

Veysel Dursun,
Manisa / Selimşahlar
Turkey