

D900 Drip Line

**MAXIMIZE YOUR FARM
WITH LONGER RUN-LENGTHS**

D900 Drip Line



D900

Thin Wall Drip Line

Drip Line	D900
Flow Rates (lph)	0.6, 1.0, 2.2
Standard Emitter Spacings	10, 15, 20, 30, 33, 40
Nominal Drip Line Diameter (mm)	16 (ID)/17 (OD) 22 (ID)/23 (OD)
Drip Line Wall Thickness	16 mm: 5, 6, 8, 10 mil 22 mm: 8, 10 mil
Outlet	Hole / Flap outlet



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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.

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

Unique emitter design for high uniformity over longer distances



MAXIMUM: RUN LENGTHS COMPARISON

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

.....▶ **222 m**

COMPETITOR A 16 mm, 1 l/h emitter at 50 cm spacing

.....▶ **205 m**

COMPETITOR B 16 mm, 1 l/h emitter at 50 cm spacing

.....▶ **194 m**

COMPETITOR C 16 mm, 1 l/h emitter at 50 cm spacing

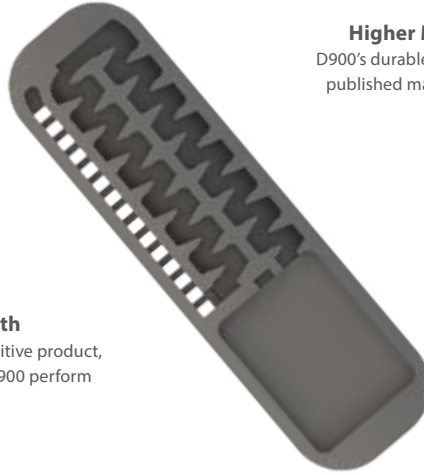
.....▶ **140 m**

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

MAXIMIZE: Potential Benefits For Your Farm

- 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

DESIGNED TO PERFORM



70% Smaller Than D1500 Emitter

Not only does a small emitter help reduce water friction in the drip line, a smaller emitter is easier to install with less risk of being caught on installation equipment.

Large cross section labyrinth

With up to 54% larger labyrinth than competitive product, the large labyrinth in every emitter helps D900 perform when other products clog.

Higher Maximum Operating Pressure

D900's durable construction allows for up to 20% higher published maximum operating pressure compared to competitive product.

Two Printed Green Stripes On Tube

For easy emitter identification D900 features two green stripes to identify direction for correct installation.

Flap Outlet Option

D900 has a flat outlet option that helps prevent soil ingestion during system shut-down – a great advantage for buried applications.

D900 Technical Data

Nominal Ø	Wall Thickness		Internal Ø	Outside Ø	Flow Rate	Maximum Operating Pressure	Roll Length	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	5	0.135	16.1	16.37	0.6	0.8	3800	126	153	178	201	243	282	317	368
					1.0			93	114	132	149	181	210	236	274
					1.4			77	93	107	121	146	169	190	220
					2.2			58	70	81	91	110	128	143	166
	6	0.150		16.40	0.6	1.0	3000	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	2900	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	2500	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	22.2	22.60	0.6	1.0	2100	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	1600	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

MAXIMIZE: CONNECTORS

When it comes to drip line connectors there are two things that matter most – ease of installation and reliability.

Rivulis Fast Ring Drip Line Connectors live up to their name – FAST! In-field they are quick to install with a large, easy to tighten nut that fixes effortlessly to your drip line.



Once they installed, you can have the confidence that they will perform. Each Fast Ring Connector is designed for maximum adhesion. In addition, high quality UV resistant construction ensures that your connector will last season after season.

D900 Thin Wall Drip Line

“By achieving longer run lengths using D900, we significantly reduced our labor costs for installation in our corn crop”.

Veysel Dursun, Manisa / Selimşahlar

