

RO-DRIP DRIP TAPE

UNIQUE EXPANDING VORTEX FLOW PATH LABYRINTH



RO-DRIP Drip Tape

Category	Ro-Drip Integrated Emitter
Expanding flow chamber	✓
Flow rates (l/h)	0.50, 0.56, 0.68, 0.75, 0.90, 1.00
Standard dripper spacings (cm)	10, 20, 30, 40
Nominal drip line diameters (mm)	16, 22
Drip line wall thickness (mil)	5, 6, 7, 8, 10 mil (0.13 – 0.25 mm)
Outlet	Hole outlet





EXCLUSIVE EXPANDING LABYRINTH: CLOGGING PROTECTION

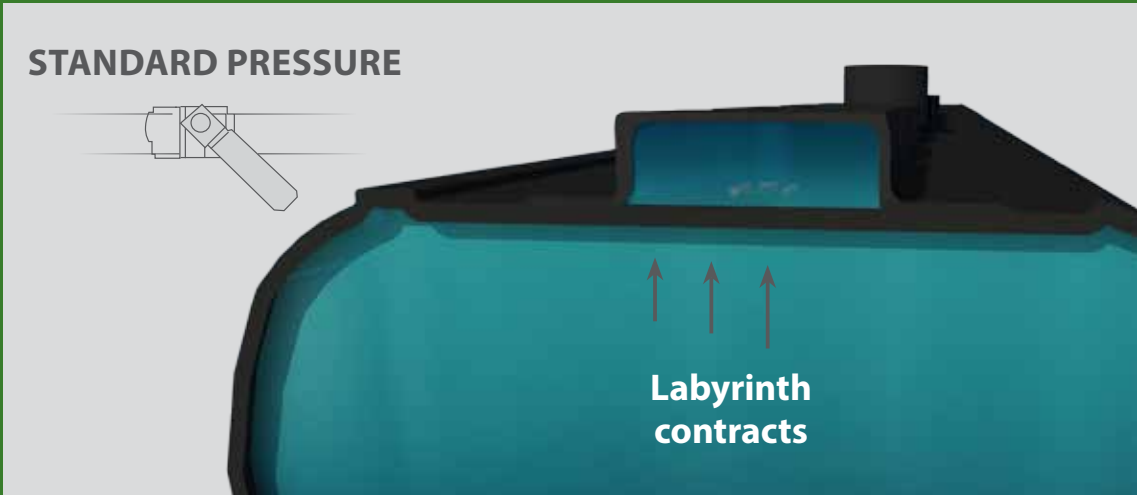
Only Ro-Drip has an expanding flow-path that enlarges when you increase water pressure.

This unique feature helps expel foreign particles that would have permanently blocked other drip tapes. If you clog your Ro-Drip labyrinth, you can increase your system pressure which results in the expansion of the labyrinth flow channel, helping expel debris and normal operation to resume.

If you are new to drip irrigation, or have very poor water quality, why take the risk?

Choose Ro-Drip for maximum system protection.





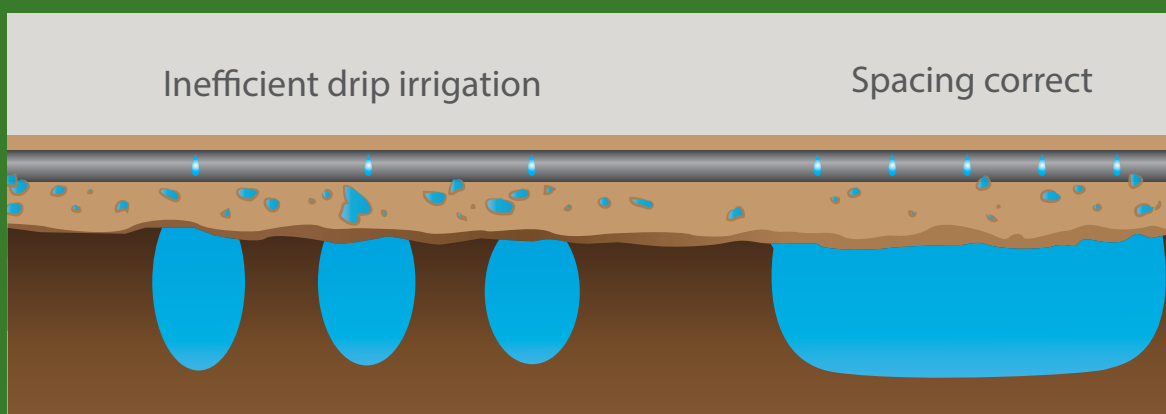
BEST AGRONOMIC PERFORMANCE

The benefits of closer emitter spacing are numerous, but are all related to more effective water movement.

When irrigating, you want water to move laterally, not deep down through the soil profile where it is either lost (including any fertilizers added) or is harder for plants to uptake. By keeping emitters spaced at close intervals, water flows laterally quicker, ensuring a continued wet strip along the row. In addition, more emitters per meter provides greater protection against crop loss if an emitter becomes blocked.

A great thing is when you use Ro-Drip, closer emitter spacing intervals do not need to come at an extra cost. Because Rivulis Ro-Drip has emitters manufactured into the tape itself, as opposed to inserted molded drippers, there is no cost difference per meter between 10 emitters per meter (10 cm spacing) and two emitters per meter (50 cm spacing).

Ro-Drip helps make your choice of emitter interval spacing an agronomic decision, not one based on your bank account.



RECOMMENDED EMITTER INTERVAL SPACING

10–20 cm | Strawberries and leafy greens

20–30 cm | All vegetables (except leafy greens)

30 cm | Melons, cane & cotton

QUALITY: YOU CAN DEPEND UPON

Because it is your crop and livelihood on the line, we undertake extensive quality testing on every roll of Ro-Drip we manufacture to ensure the highest level of quality.

Sample tests we undertake include a flow rate test to check flow rate and variance, a burst and seal adhesion test to evaluate strength, and a visual inspection, including using a microscope to check channels are correctly manufactured.



PRODUCT GUIDELINES

Ro-Drip can perform at low pressure and therefore flow rates are calculated at 0.55 bar.

In some cases, you may increase pressure, which will in turn provide a higher flow rate from each emitter. For example, if you run Ro-Drip with 0.50 l/h emitter at 0.80 bar, each dripper will emit 0.62 l/h.

The table below provides a reference of the output per dripper of Ro-Drip at 0.55, 0.80 and 1.00 bar.

Emitter Flow Rate (l/h) Based on Nominal Pressure of 0.55 bar	0.50	0.56	0.68	0.75	0.90	1.00
Flow rate (l/h) per emitter @ 0.80 bar	0.62	0.69	0.83	0.91	1.09	1.21
Flow rate (l/h) per emitter @ 1.00 bar	0.70	0.79	0.94	1.02	1.23	1.36

Pressure Guidelines

Minimum operating pressure: 0.30 bar

Recommended operating pressure: 0.55 bar

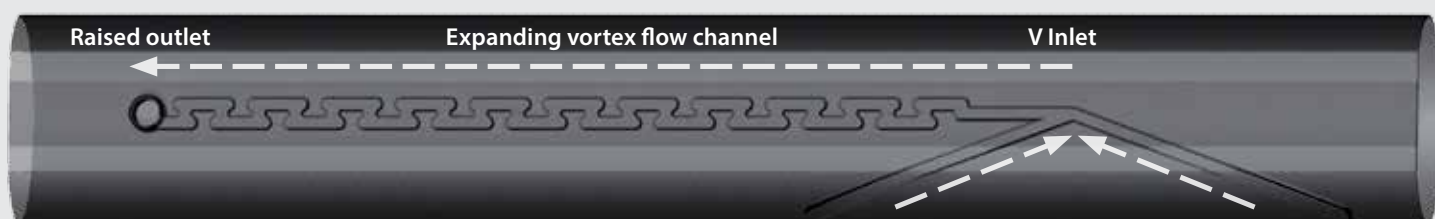
Maximum operating pressures (bar)		
Wall Thickness (mil)	Diameter	
	16 mm (5/8")	22 mm (7/8")
5	0.56	
6	0.70	0.56
8	1.05	0.70
10	1.05	1.05

Common filtration requirements for most applications

> 0.5 l/h per emitter: 130 micron / 120 mesh

≤ 0.5 l/h per emitter: 100 micron / 150 mesh

Filtration requirement is dependent on a number of factors including water source and application. Please consult with an irrigation specialist for filtration requirements for your specific application.



RO-DRIP PERFORMANCE DATA

Description	Nominal Ø	Nominal Wall Thickness		Spacing	Flow		Max Run Length (90% Emission Uniformity)	Roll Length	Product Number
		(mil)	(mm)		(cm)	(l/h per emitter)			
Ro-Drip 505-10-500	16mm (5/8")	5	0.13	10	0.50	500	106	3810	101001195
Ro-Drip 505-20-250	16mm (5/8")	5	0.13	20	0.50	250	164	3810	101001198
Ro-Drip 505-20-340	16mm (5/8")	5	0.13	20	0.68	340	135	3810	101001199
Ro-Drip 505-20-500	16mm (5/8")	5	0.13	20	1.00	500	108	3810	101001200
Ro-Drip 505-30-185	16mm (5/8")	5	0.13	30	0.56	185	197	3810	101001201
Ro-Drip 505-30-300	16mm (5/8")	5	0.13	30	0.90	300	150	3810	101001202
Ro-Drip 506-10-500	16mm (5/8")	6	0.15	10	0.50	500	106	3048	101001203
Ro-Drip 506-10-750	16mm (5/8")	6	0.15	10	0.75	750	83	3048	101001204
Ro-Drip 506-10-1050	16mm (5/8")	6	0.15	10	1.05	1050	72	3048	101001206
Ro-Drip 506-20-250	16mm (5/8")	6	0.15	20	0.50	250	164	3048	101001209
Ro-Drip 506-20-340	16mm (5/8")	6	0.15	20	0.68	340	135	3048	101001210
Ro-Drip 506-20-500	16mm (5/8")	6	0.15	20	1.00	500	108	3048	101001211
Ro-Drip 506-30-185	16mm (5/8")	6	0.15	30	0.56	185	197	3048	101001213
Ro-Drip 506-30-300	16mm (5/8")	6	0.15	30	0.90	300	150	3048	101001214
Ro-Drip 508-10-500	16mm (5/8")	8	0.20	10	0.50	500	106	2286	101001218
Ro-Drip 508-10-750	16mm (5/8")	8	0.20	10	0.75	750	83	488	101001219
Ro-Drip 508-10-750	16mm (5/8")	8	0.20	10	0.75	750	83	1000	101038526
Ro-Drip 508-10-750	16mm (5/8")	8	0.20	10	0.75	750	83	2286	101001220
Ro-Drip 508-10-1050	16mm (5/8")	8	0.20	10	1.05	1050	72	2286	101001852
Ro-Drip 508-20-250	16mm (5/8")	8	0.20	20	0.50	250	164	2286	101001223
Ro-Drip 508-20-340	16mm (5/8")	8	0.20	20	0.68	340	135	2286	101001224
Ro-Drip 508-20-500	16mm (5/8")	8	0.20	20	1.00	500	108	488	101001225
Ro-Drip 508-20-500	16mm (5/8")	8	0.20	20	1.00	500	108	2286	101001228
Ro-Drip 508-30-185	16mm (5/8")	8	0.20	30	0.56	185	197	2286	101001229
Ro-Drip 508-30-300	16mm (5/8")	8	0.20	30	0.90	300	150	2286	101001232
Ro-Drip 508-30-300	16mm (5/8")	8	0.20	30	0.90	300	150	488	101001230
Ro-Drip 508-40-250	16mm (5/8")	8	0.20	40	1.00	250	168	2286	101001234
Ro-Drip 510-20-500	16mm (5/8")	10	0.25	20	1.00	500	108	1828	101001235
Ro-Drip 510-30-300	16mm (5/8")	10	0.25	30	0.90	300	150	1828	101001237
Ro-Drip 708-20-500	22mm (7/8")	8	0.20	20	1.00	500	193	1737	101001263
Ro-Drip 708-30-185	22mm (7/8")	8	0.20	30	0.56	185	352	1737	101001264
Ro-Drip 708-30-300	22mm (7/8")	8	0.20	30	0.90	300	268	1737	101001265
Ro-Drip 710-30-185	22mm (7/8")	10	0.25	30	0.56	185	352	1524	101001267
Ro-Drip 710-30-300	22mm (7/8")	10	0.25	30	0.90	300	268	1524	101001268

Flow rate calculated at 0.55 bar. Maximum run length based on 90% Emission Uniformity on flat ground.

Description	Nominal Diameter	Nominal Wall Thickness		Spacing	Flow		Max Run Length (90% Emission Uniformity)	Roll Length	Product Number
		(mil)	(mm)		(cm)	(l/h per emitter)			
Ro-Drip 508-10-750 (488 m roll)	16mm (5/8")	8	0.20	10	0.75	750		488	101001219
Ro-Drip 508-20-500 (488 m roll)	16mm (5/8")	8	0.20	20	1.00	500		488	101001225
Ro-Drip 508-30-300 (488 m roll)	16mm (5/8")	8	0.20	30	0.90	300		488	101001230

Flow rate calculated at 0.55 bar. Maximum run length based on 90% Emission Uniformity on flat ground.

RIVULIS PRO-GRIP DRIP TAPE CONNECTORS

Your irrigation system is only as strong as its weakest link.

Don't let your weakest link be cheap imitation connectors. Insist on Pro-Grip Connectors by Rivulis for ease of install reliable sealing throughout the season.



RO-DRIP Drip Tape

"I started introducing the drip tape [Ro-Drip]... I brought [it in] and started installing it on a couple of fields and let it promote itself. Within ten years probably 90-95 percent of growers had drip irrigation on their sweet potatoes"

Bob Weimer, USA



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