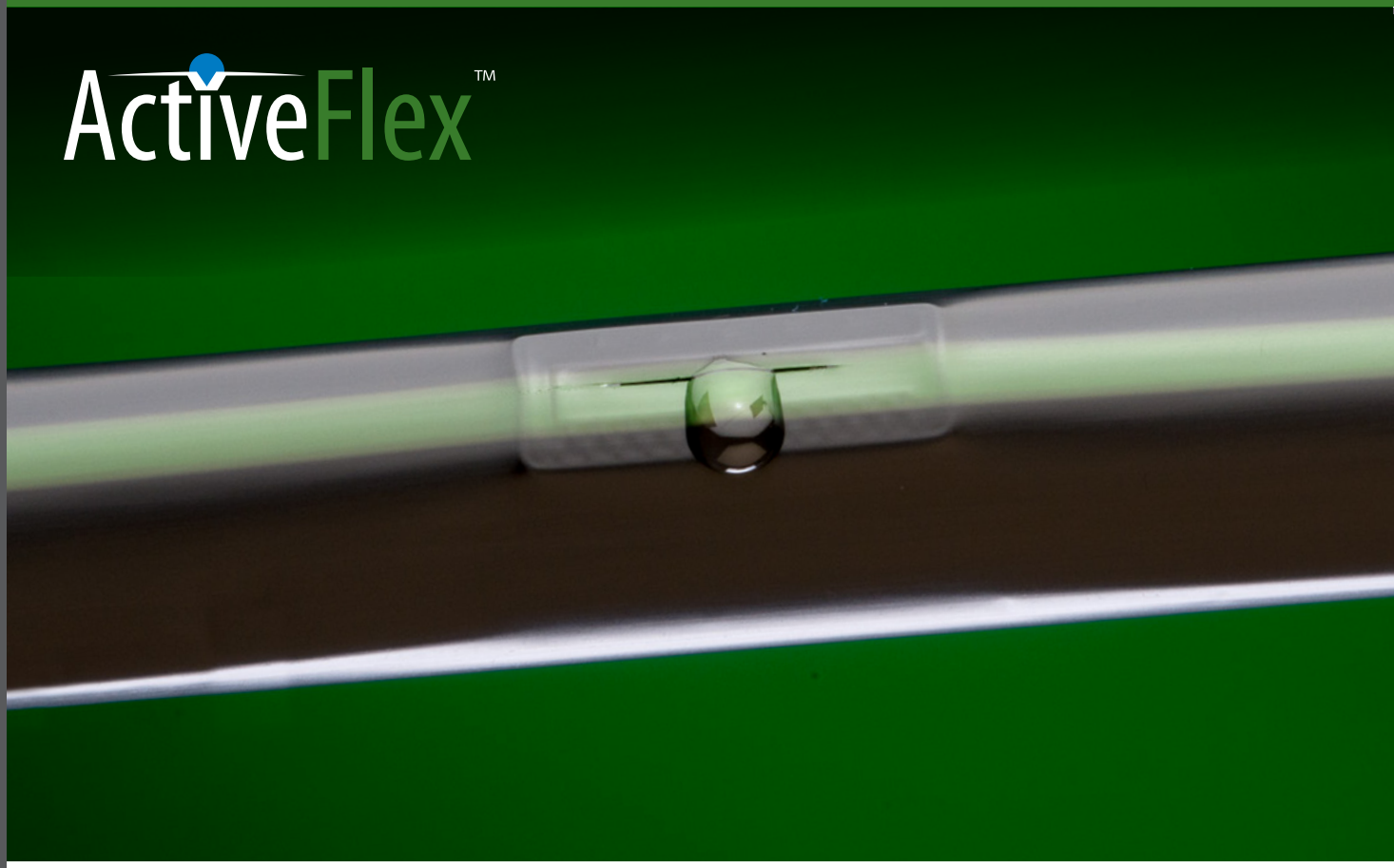
D1000 DRIP LINE

THE **WORLD'S FIRST** THIN WALL MOLDED EMITTER WITH A **SLIT OUTLET**

ActiveFlex™



D1000 DRIP LINE

D1000

ActiveFlex™ technology

Drip Line	D1000 molded emitter
Mechanism	ActiveFlex™ technology
Flow Rates (l/h)	0.6, 1.0, 1.5
Standard Dripper Spacings (cm)	15, 20, 25, 30, 40
Nominal Drip Line Diameter (mm)	16, 22
Drip Line Wall Thickness	16 mm: 6 and 8 mil | 22 mm: 8 mil
Outlet	**Slit**
Recommended Working Pressure (bar)	0.8 – 1.0 (16/8: 0.8 – 1.2 bar)

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Rivulis

ActiveFlex™

The next evolution in drip technology.

SYNERGY: THE D1000 STORY

Rivulis is unique with the capability and expertise to manufacture both integrated and inserted molded emitter drip lines. We are one of very few companies that has this capability.

It was only a matter of time until one day the engineering team would ask, "could we combine the best of drip tapes and drip lines into a single product?"

The result – The Rivulis D1000 Drip Line.

The first thin wall drip line to combine the molded emitter from drip lines into the drip tube of tapes that feature a slit outlet.

Drip Tapes
SLIT OUTLET

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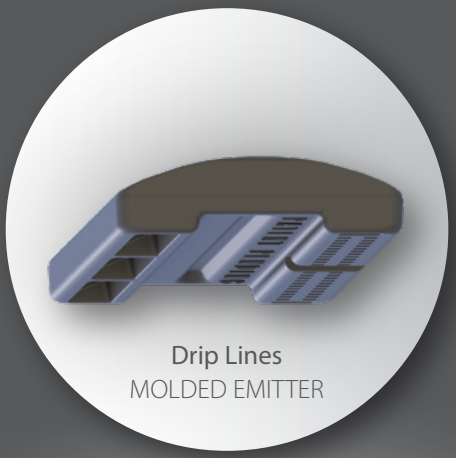

Drip Lines
MOLDED EMITTER

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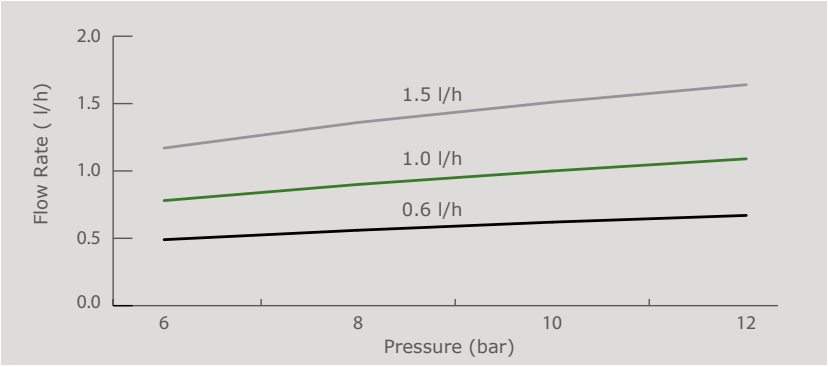
D1000 PERFORMANCE DATA

Nominal Ø	Wall Thickness		Internal Ø	Flow Rate	Maximum Operating Pressure	Roll Length	Maximum Drip Line Length Maximum Flow Rate Variation: 10% Spacing between Drippers (cm)					
							15	20	25	30	40	50
(mm)	(mil)	(mm)	(mm)	(l/h)	(bar)	(m)	(m)	(m)	(m)	(m)	(m)	(m)
16	6	0.15	16.1	0.64	1.0	≥ 20m Spacing - 2800, ≤ 20m Spacing - 3000	113	139	163	181	222	257
16	6	0.15	16.1	1.0	1.0	≥ 20m Spacing - 2800, ≤ 20m Spacing - 3000	86	105	121	136	167	193
16	6	0.15	16.1	1.5	1.0	≥ 20m Spacing - 2800, ≤ 20m Spacing - 3000	66	81	94	106	128	149
16	8	0.15	16.1	0.64	1.2	≥ 20m Spacing - 2300, ≤ 20m Spacing - 2500	113	139	163	181	222	257
16	8	0.20	16.1	1.0	1.2	≥ 20m Spacing - 2300, ≤ 20m Spacing - 2500	86	105	121	136	167	193
16	8	0.20	16.1	1.5	1.2	≥ 20m Spacing - 2300, ≤ 20m Spacing - 2500	66	81	94	106	128	149
22	8	0.20	22.2	0.64	1.0	≥ 20m Spacing - 1600, ≤ 20m Spacing - 1800	211	257	297	331	401	465
22	8	0.20	22.2	1.0	1.0	≥ 20m Spacing - 1600, ≤ 20m Spacing - 1800	158	190	220	248	298	345
22	8	0.20	22.2	1.5	1.0	≥ 20m Spacing - 1600, ≤ 20m Spacing - 1800	121	147	170	191	230	266

* Flow rate calculated at 1.0 bar.

D1000 DRIP LINE - FLOW RATE VS. PRESSURE



5 Star Certification:
CEMEGREF (France)

This Test Certificate of D1000 is rated on performance of:

- Uniformity of flow rate
- Physical clogging sensitivity
- Accuracy of flow rate compared to pressure changes
- Deviation of mean flow rate

SLIT OUTLET:
PROTECTING YOUR DRIP LINE

Soil ingestion, root intrusion – just some of the risks to the emitters in your drip line.

The key benefit of a slit outlet (as opposed to a hole or flap outlet) is that a slit outlet closes upon system shutoff, helping prevent soil ingestion and root intrusion.

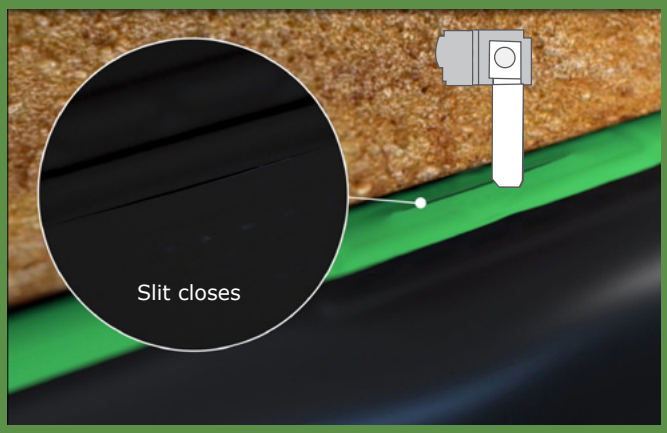
Combined with **ActiveFlex**™ technology that opens and shuts the outlet, the Rivulis D1000 is ideal for sub-surface and under plastic mulch applications to minimize the risk of soil suck-back at system shut-off.

SYSTEM OPERATION

Emitter flexes to create an opening across the slit outlet

SYSTEM SHUT-DOWN

Emitter contracts to close slit outlet to help prevent root intrusion & soil ingestion



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