

Rivulis D5000

Flow Regulated Drip Line



ST

Product Information

Standard Dripper (ST)

Flat, flow regulated drippers which are ideal for sloping terrains and long lateral lengths applications.

Nominal diameters: 16, 17, 20, 22, 23 mm

Wall thickness:

Standard: 15-47 mil

Nominal flow rates: 0.65, 1.0, 1.5, 2.0, 3.5 l/h

Standard dripper spacings: 15 (0.65 and 1.0 lph drippers only), 20, 30, 40, 50, 60, 75 and 100 cm.

Outlet: 15 mil wall thickness - Slit

Above 15 mil - Hole

SD

Slow Drain Dripper (SD)

Flat, slow draining, flow regulated drippers which are ideal for subsurface and sandy soil applications.

Nominal diameters: 16, 17, 20, 22, 23 mm

Wall thickness:

Standard: 18-47 mil

Nominal flow rates: 0.65, 1.0, 1.5, 2.0 l/h

Standard dripper spacings: 15 (1.0 lph dripper only), 20, 30, 40, 50, 60, 75 and 100 cm.

Outlet: Hole

Operating Guidelines

Operating pressure range:

0.5-3.5 bar, according wall thickness

Rivulis D5000 Flow Regulated Drip Line

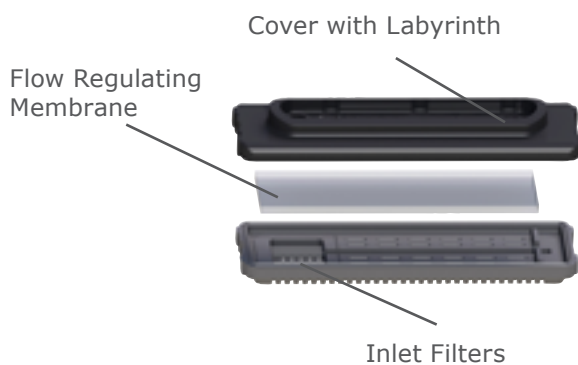


Rivulis D5000 Flow Regulated Drip Line (ST)

The Rivulis D5000 Flow Regulated Drip Line utilizes a universal flat dripper that can be integrated in several diameters of line and wall thickness configurations. Engineered to resist clogging, the Rivulis D5000's design incorporates both multiple inlet filters and a dripper labyrinth with a large cross section. And with the accurate flow regulation, the Rivulis D5000 Drip Line is the ideal choice for long runs or sloping terrain.



- 3 parallel inlet filters
- Large cross section labyrinth
- Pressure differential regulation membrane
- Large outlet pool
- Slit outlet (15 mil)
- Compact packaging
- UV protective properties
- Resistant to chemicals and fertilizers
- Spacing from 15 cm



Rivulis D5000 **ST** - Technical data

Product		Inside diameter (mm)	Outside diameter (mm)	Wall thickness		Max. Operating pressure (bar)	Reel length (m)
(mm)	(mil)			(mil)	(mm)		
16	15	16.4	17.16	15	0.38	2.2	800
16	30	13.8	15.32	30	0.76	2.5	600
16	35	13.8	15.58	35	0.89	3.0	500
16	40	13.8	15.83	40	1.02	3.5	400
17	18	15.3	16.20	18	0.45	2.2	1100
17	25	15.3	16.57	25	0.63	2.5	800
17	35	15.3	17.08	35	0.89	3.0	450
17	40	15.3	17.33	40	1.02	3.5	450
17	45	15.3	17.59	45	1.14	3.5	400
20	40	17.6	19.63	40	1.02	3.5	350
20	45	17.6	19.89	45	1.14	3.5	300
20	47	17.6	19.99	47	1.19	3.5	300
22	15	22.2	22.96	15	0.38	1.8	800
22	25	22.2	23.47	25	0.63	2.5	500
23	40	20.8	22.84	40	1.02	3.0	350

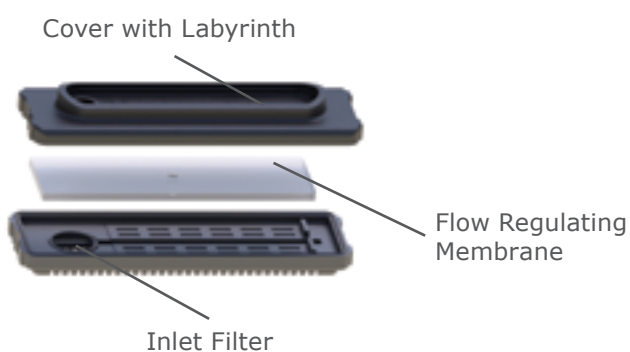
Rivulis D5000 Flow Regulated Drip Line



Rivulis D5000 Flow Regulated Drip Line (SD)

The Rivulis D5000 Flow Regulated Drip Line with SD dripper is the ideal drip line for subsurface and sandy soil applications. The SD dripper is designed to slowly drain on system shut down, reducing the ingestion of particles at each dripper. Like the ST dripper, the flat dripper can be integrated in several diameters of line and wall thickness configurations.

- Slow drain mechanism
- Large cross section labyrinth
- Pressure differential regulation membrane
- Large outlet pool
- Compact packaging
- UV protective properties
- Resistant to chemicals and fertilizers
- Spacing from 15 cm



Rivulis D5000 SD - Technical data

Product		Inside diameter (mm)	Outside diameter (mm)	Wall thickness		Max. Operating pressure (bar)	Reel length (m)
(mm)	(mil)			(mil)	(mm)		
16	30	13.8	15.32	30	0.76	2.5	600
16	35	13.8	15.58	35	0.89	3.0	500
16	40	13.8	15.83	40	1.02	3.5	400
17	18	15.3	16.20	18	0.45	2.2	1100
17	25	15.3	16.57	25	0.63	2.5	800
17	35	15.3	17.08	35	0.89	3.0	450
17	40	15.3	17.33	40	1.02	3.5	450
17	45	15.3	17.59	45	1.14	3.5	400
20	40	17.6	19.63	40	1.02	3.5	350
20	45	17.6	19.89	45	1.14	3.5	300
20	47	17.6	19.99	47	1.19	3.5	300
22	25	22.2	23.47	25	0.63	2.5	500
23	40	20.8	22.84	40	1.02	3.0	350

Rivulis D5000 Flow Regulated Drip Line

Maximum Recommended Run lengths

(meters, flat terrain, Calculated at maximum operating pressure)



Rivulis D5000 ST / Rivulis D5000 SD

Dia. (mm)	Wall thickness (mil)	Flow rate (l/h)	Spacing between Drippers (cm)							
			15 (m)	20 (m)	30 (m)	40 (m)	50 (m)	60 (m)	75 (m)	100 (m)
16	15*	0.65	174	223	312	392	467	536	632	777
16	35/40	0.65	144	186	263	333	399	460	545	676
17	18	0.65	162	207	290	364	433	496	614	720
17	25	0.65	180	234	335	429	519	604	728	921
17	40/45	0.65	197	252	353	445	529	607	717	882
20	40/47	0.65	266	339	470	588	695	795	935	1145
22	15*	0.65	332	415	562	692	810	919	1070	1299
23	40	0.65	362	456	623	770	904	1028	1201	1461
16	15*	1.0	131	168	236	297	353	406	479	590
16	30	1.0	101	130	184	234	280	322	383	474
16	35	1.0	109	140	199	252	302	349	414	513
16	40	1.0	116	149	212	269	322	371	441	547
17	18	1.0	122	157	219	276	328	377	445	547
17	25	1.0	128	164	230	290	345	396	467	576
17	35	1.0	139	179	251	316	376	432	510	628
17	40/45	1.0	148	190	267	337	401	461	544	670
20	40/45/47	1.0	201	256	356	446	528	604	710	870
22	15*	1.0	253	316	428	527	617	700	816	990
22	25	1.0	290	364	494	609	714	810	944	1147
23	40	1.0	273	344	470	582	683	778	908	1106
16	15*	1.5	101	129	181	228	272	312	369	454
16	30	1.5	77	100	141	179	215	248	294	365
16	35	1.5	83	107	152	194	232	268	318	395
16	40	1.5	89	114	163	206	248	286	340	421
17	18	1.5	94	120	169	212	253	290	342	422
17	25	1.5	98	126	177	223	266	305	360	444
17	35	1.5	107	137	193	243	289	332	393	484
17	40/45	1.5	114	146	205	259	309	355	419	516
20	40/45/47	1.5	154	197	274	343	406	465	547	671
22	15*	1.5	194	243	330	406	476	540	629	764
22	25	1.5	223	280	380	469	550	625	728	886
23	40	1.5	209	264	362	448	527	599	701	853
16	15*	2.0	83	107	150	190	226	259	306	377
16	30	2.0	64	82	117	149	178	206	245	303
16	35	2.0	69	89	126	161	193	223	264	328
16	40	2.0	73	95	135	171	205	237	282	350
17	18	2.0	77	99	140	176	210	241	284	350
17	25	2.0	81	104	147	185	221	253	299	368
17	35	2.0	88	114	160	202	240	276	326	402
17	40/45	2.0	94	120	169	213	255	293	346	426
20	40/45/47	2.0	128	163	227	284	337	386	455	558
22	15*	2.0	161	202	274	338	396	449	524	636
22	25	2.0	185	232	316	390	457	520	606	737
23	40	2.0	174	219	300	372	438	499	582	710

* Available in ST only