

## D1500 Drip Line

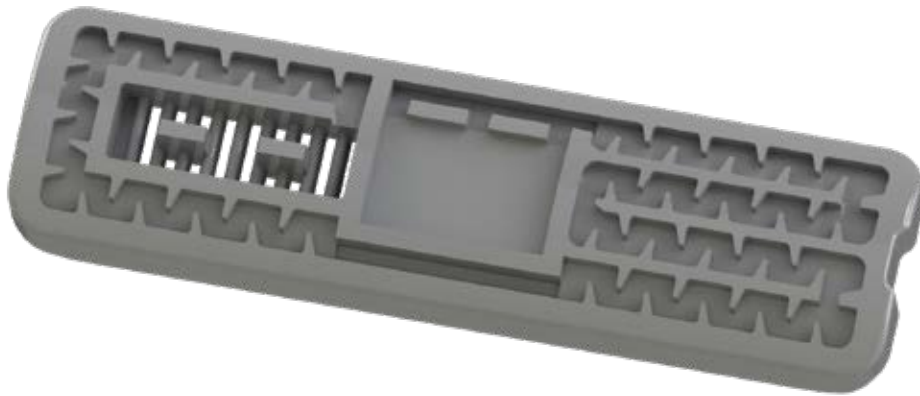


# Trusted Irrigation With Results

## Rivulis D1500 Thin Wall Drip Line

- Great for both seasonal and multi-season use
- Variety of wall thicknesses available
- Reduced clogging risk due to large inlet filters and labyrinth
- Flap outlet available. Great for sub-surface applications to help prevent soil ingestion

# Trusted: Outstanding Clogging Resistance

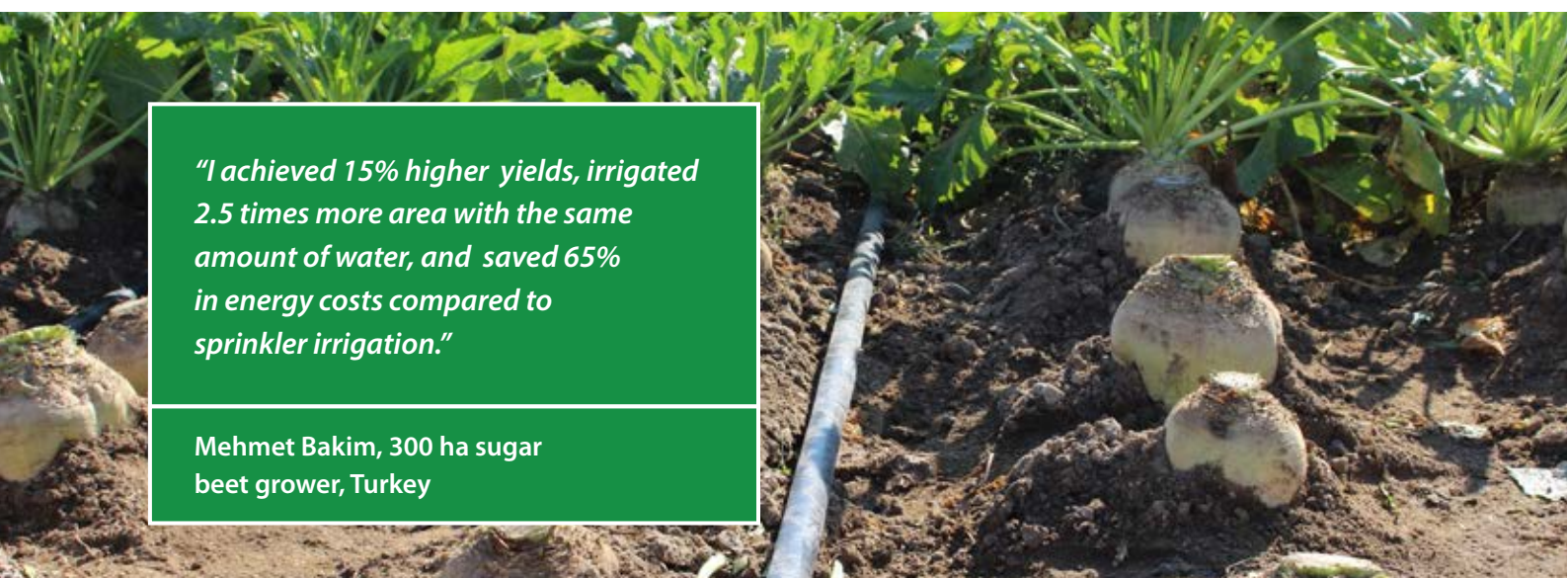


## Inlet Filters

Rivulis D1500 features one of the largest inlet filters for flat drip emitters on the market. The additional filtration area provides outstanding protection against clogging.

## Labyrinth

Regardless of how good an emitter's inlet filters are, inevitably some particles will enter the labyrinth. When this occurs, it is important to have a large cross section (width x height) so the particles can pass easily and not clog the emitter. Once again, the design of the Rivulis D1500 has one of the largest labyrinth cross sections on the market.



*"I achieved 15% higher yields, irrigated 2.5 times more area with the same amount of water, and saved 65% in energy costs compared to sprinkler irrigation."*

Mehmet Bakim, 300 ha sugar beet grower, Turkey

## D1500 Technical Data | 12 & 16 mm

Nominal Ø	Wall Thickness		Internal Ø	Outside Ø	Nominal Flow Rate at 1.0 Bar	Maximum Operating Pressure	Roll Length (according to emitter spacing)	Maximum Run Length (10% FV on Flat Ground) x 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)	
12	15	0.35	11.2	11.9	0.73	2.5	750 (15 cm) 800 (20 cm) 850 (25 cm) 900 (≥30 cm)	60	74	86	98	119	139	157	182
					1.15			42	52	61	69	84	98	110	128
					1.55			35	43	50	57	69	80	91	105
					2.3			28	35	41	46	56	65	74	86
					3.6			21	26	30	34	42	49	55	64
	25	0.6	10.8	12	0.73	3.5	530 (15 cm) 550 (20 cm) 570 (25 cm) 600 (≥30 cm)	57	70	82	93	113	132	149	173
					1.15			40	49	57	65	79	92	103	120
					1.55			33	40	47	53	65	76	85	99
					2.3			27	33	39	44	53	62	70	81
					3.6			20	24	29	32	40	46	52	60
16	5	0.15	16.1	16.4	0.8	0.8	2700 (15 cm) 2800 (20 cm) 2900 (25 cm) 3000 (≥30 cm)	98	121	142	161	197	230	260	302
					1.2			74	91	108	122	149	174	197	229
					1.55			64	79	93	106	129	151	170	198
					2.4			49	60	70	80	98	114	128	149
					3.6			35	44	52	58	72	84	95	110
	6	0.15	16.1	16.40	0.8	1.0	2300 (15 cm) 2400 (20 cm) 2500 (25 cm) 2600 (≥30 cm)	98	122	143	162	198	232	262	305
					1.2			74	91	108	122	149	174	197	229
					1.55			64	79	93	106	129	151	170	198
					2.4			49	60	71	80	98	114	129	150
					3.6			36	44	52	59	72	84	95	111
	8	0.2	16.1	16.50	0.75	1.2	2200 (15 cm) 2300 (20 cm) 2400 (25 cm) 2500 (≥30 cm)	100	124	146	166	203	237	268	311
					1.15			76	94	110	125	153	179	202	236
					1.5			64	79	93	106	129	151	170	198
					2.4			51	62	73	83	101	118	133	155
					3.6			36	44	52	59	72	85	95	111
	10	0.25	16.1	16.6	0.75	1.4	1800 (15 cm) 2000 (20 cm) 2100 (25 cm) 2300 (≥30 cm)	101	125	147	167	204	238	269	313
					1.15			76	94	110	125	153	179	202	236
					1.47			64	79	93	106	129	151	170	198
					2.3			51	62	73	83	102	119	134	155
					3.6			36	44	52	59	72	85	96	112
	12	0.3	16.1	16.6	0.75	1.5	1300 (15 cm) 1400 (20 cm) 1500 (25 cm) 1700 (≥30 cm)	101	125	147	167	204	238	269	314
					1.15			76	94	110	125	153	179	202	236
					1.47			67	83	97	110	135	157	178	207
					2.3			51	63	73	83	102	119	134	156
					3.6			36	44	52	59	73	85	96	112
	15	0.38	16.1	16.8	0.75	1.8	1050 (15 cm) 1150 (20 cm) 1200 (25 cm) 1300 (≥30 cm)	101	125	148	168	205	240	271	315
					1.15			76	94	110	125	153	179	202	236
					1.47			67	83	97	110	135	157	178	207
2.3					51			63	74	84	102	119	134	157	
3.5					36			45	52	60	73	85	97	113	
18	0.45	16.1	17.00	0.75	2.0	800 (15 cm) 900 (20 cm) 950 (25 cm) 1000 (≥30 cm)	102	126	148	168	206	240	272	316	
				1.15			76	94	110	125	153	179	202	236	
				1.47			67	83	97	110	135	157	178	207	
				2.3			51	63	74	84	102	119	135	157	
				3.5			36	45	53	60	73	86	97	113	



## D1500 Technical Data | 16, 17 & 22 mm

Nominal Ø	Wall Thickness		Internal Ø	Outside Ø	Nominal Flow Rate at 1.0 Bar	Maximum Operating Pressure	Roll Length (according to emitter spacing)	Maximum Run Length (10% FV on Flat Ground) x 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)	
16	25	0.6	14.2	15.4	0.73	2.5	850 (≥30 cm)	88	109	128	145	177	206	233	272
					1.15			62	76	90	102	124	145	164	191
					1.55			52	64	76	86	105	122	138	161
					2.3			42	51	60	68	84	97	110	128
					3.6			31	39	45	52	63	74	83	97
	30	0.76	13.8	15.3	0.73	3.5	550 (20 cm) 570 (25 cm) 600 (≥30 cm)	85	105	123	139	170	199	225	261
					1.15			59	73	86	97	118	138	156	182
					1.55			50	61	72	82	100	116	131	153
					2.3			39	49	57	65	80	93	105	122
					3.6			29	36	43	49	60	70	79	92
	35	0.89	13.8	15.5	2.3	3.5	430 (15 cm) 450 (20 cm) 470 (25 cm) 500 (≥30 cm)	40	49	58	66	80	94	106	122
					3.6			30	37	43	49	60	70	79	92
40	1	13.8	15.8	2.3	4.5	380 (15 cm) 400 (20 cm) 420 (25 cm) 450 (≥30 cm)	40	50	58	66	81	94	106	123	
				3.6			30	37	44	49	60	71	80	93	
17	25	0.6	16.1	17.3	0.73	2.5	700 (15 cm) 750 (20 cm) 800 (25 cm) 850 (≥30 cm)	101	124	146	167	204	238	269	314
					1.15			76	94	110	125	153	179	202	236
					1.47			64	79	93	106	129	151	170	198
					2.3			51	63	74	84	103	120	136	158
					3.5			36	45	53	60	74	86	97	113
	30	0.75	16.1	17.6	1.15	2.7	650 (≥30 cm)	76	94	110	125	153	179	202	236
					1.47			65	80	94	107	131	153	173	201
					2.3			57	68	79	89	107	124	140	161
	35	0.89	16.1	17.8	2.3	3.0	430 (15 cm) 450 (20 cm) 470 (25 cm) 500 (≥30 cm)	51	63	75	85	103	121	136	158
3.5					36			45	53	60	74	86	98	114	
22	8	0.2	22.2	22.60	0.73	1.0	1500 (15 cm) 1600 (20 cm) 1700 (25 cm) 1800 (≥30 cm)	170	211	249	284	349	408	463	540
					1.15			127	158	187	213	261	306	347	404
					1.47			112	139	164	187	230	269	305	356
					2.3			84	105	123	140	172	201	227	265
					3.6			59	74	87	100	122	144	163	190
	10	0.25	22.2	22.7	0.71	1.3	1300 (15 cm) 1400 (20 cm) 1500 (25 cm) 1600 (≥30 cm)	170	212	251	286	352	412	467	544
					1.15			127	158	186	212	261	305	346	404
					1.47			111	139	164	187	230	269	305	355
					2.3			85	105	124	141	173	202	229	266
					3.6			59	74	88	100	123	144	164	191
	12	0.3	22.2	22.80	0.8	1.4	1100 (15 cm) 1150 (20 cm) 1200 (25 cm) 1250 (≥30 cm)	171	213	251	287	352	412	468	545
					1.1			127	158	186	212	261	305	346	404
					1.4			111	139	164	187	230	269	305	355
					2.3			85	105	124	141	173	202	229	267
					3.6			59	74	88	100	123	145	164	191

## D1500 Technical Data | 22 & 23 mm

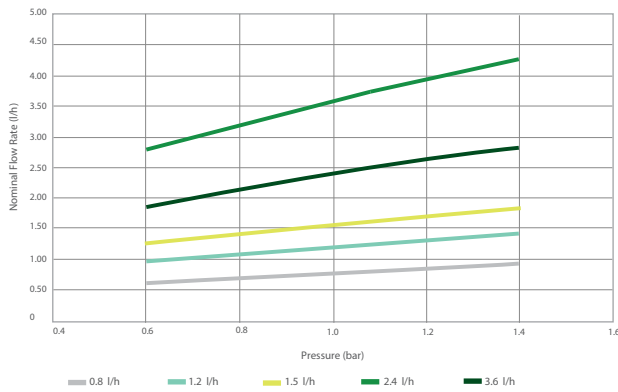
Nominal Ø	Wall Thickness		Internal Ø	Outside Ø	Nominal Flow Rate at 1.0 Bar	Maximum Operating Pressure	Roll Length (according to emitter spacing)	Maximum Run Length (10% FV on Flat Ground) x Spacing Between Emitters (cm)							
								15	20	25	30	40	50	60	75
(mm)	(mil)	(mm)	(mm)	(mm)	(l/h)	(bar)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	(m)	
22	15	0.38	22.2	22.9	0.8	1.6	950 (15 cm) 1050 (20 cm) 1150 (25 cm) 1250 (≥30cm)	171	213	252	288	354	414	470	548
					1.1			127	158	186	212	261	305	346	404
					1.4			111	139	164	187	230	269	305	355
					2.3			85	105	124	142	174	203	230	268
					3.6			60	74	88	100	124	145	164	192
	18	0.45	22.2	23.1	0.8	1.8	500 (15 cm) 600 (20 cm) 650 (25 cm) 700 (≥30cm)	172	214	253	289	355	415	471	549
					1.2			127	158	186	212	261	305	346	404
					1.5			111	139	164	187	230	269	305	355
					2.4			85	106	125	142	174	204	230	269
					3.6			60	75	88	101	124	145	165	192
23	25	0.6	22.2	23.4	0.71	2.0	350 (15 cm) 400 (20 cm) 450 (25 cm) 500 (≥30cm)	182	226	267	305	375	439	498	581
					1.1			120	150	177	202	248	291	329	384
					1.4			111	139	164	187	230	269	305	355
					2.3			85	106	125	142	174	204	231	269
					3.6			62	77	92	104	129	151	171	200

# D1500 Drip Line

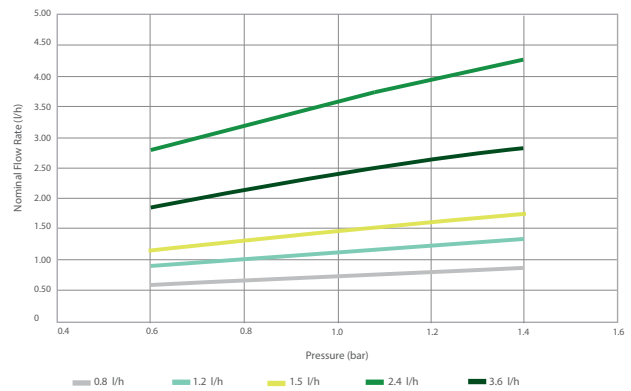


## Flow Rate (l/h) vs. Pressure (bar)

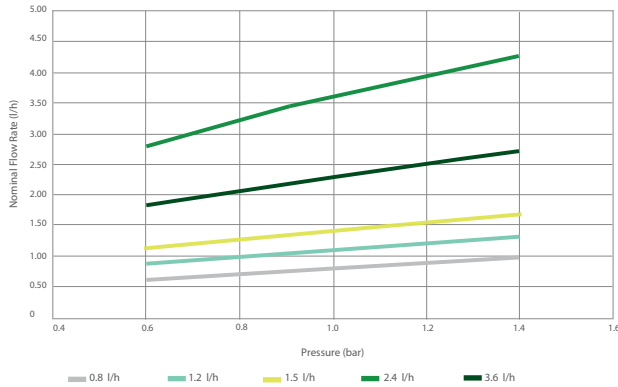
*Flow / Pressure 16/6*



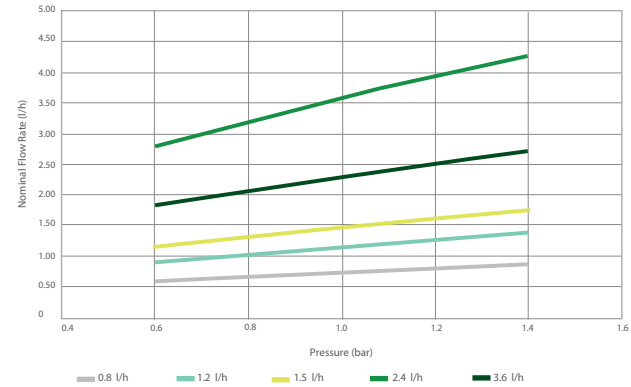
*Flow / Pressure 16/8*



*Flow / Pressure 22/12*



*Flow / Pressure 22/8*



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