

T-TAPE DRIP TAPE

OUTSTANDING AGRONOMIC PERFORMANCE



T-TAPE DRIP TAPE

Drip Tape	T-Tape Integrated Emitter
Flow rates (l/h)	1.00 [0.25, 0.33, 0.50, 0.75, 1.25, 2.00]**
Standard emitter spacings (cm)	30 [10, 15, 20, 25, 40, 50, 60, 75] **
Nominal drip line diameters (mm)	16 [22, 29, 35]
Drip line wall thickness (mil)	6, 7, 8 [5, 10, 12, 15 (0.13 – 0.38 mm)]**
Outlet	Slit outlet

****Non-Stock item: Special order required. 6-12 week lead time.**

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Available from participating agricultural retailers and irrigation suppliers nationwide.



PERFORMANCE: CLOSE SPACINGS

Discover the difference closer emitter spacing can make to your crop.
From greater system efficiency, to more uniform yields, close emitter spacing can help you boost your farm profits.

Fortunately with T-Tape there is no additional cost for closer emitter spacing, allowing you to experience the benefits without the extra cost.



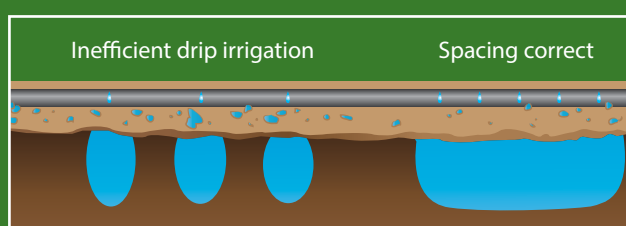
BEST AGRONOMIC PERFORMANCE

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 T-Tape, closer emitter spacing intervals do not need to come at an extra cost. Because Rivulis T-Tape has emitters manufactured into the tape itself, as opposed to inserted molded emitters, there is no cost difference per meter between 10 emitters per meter (10 cm spacing) and two emitters per meter (50 cm spacing).

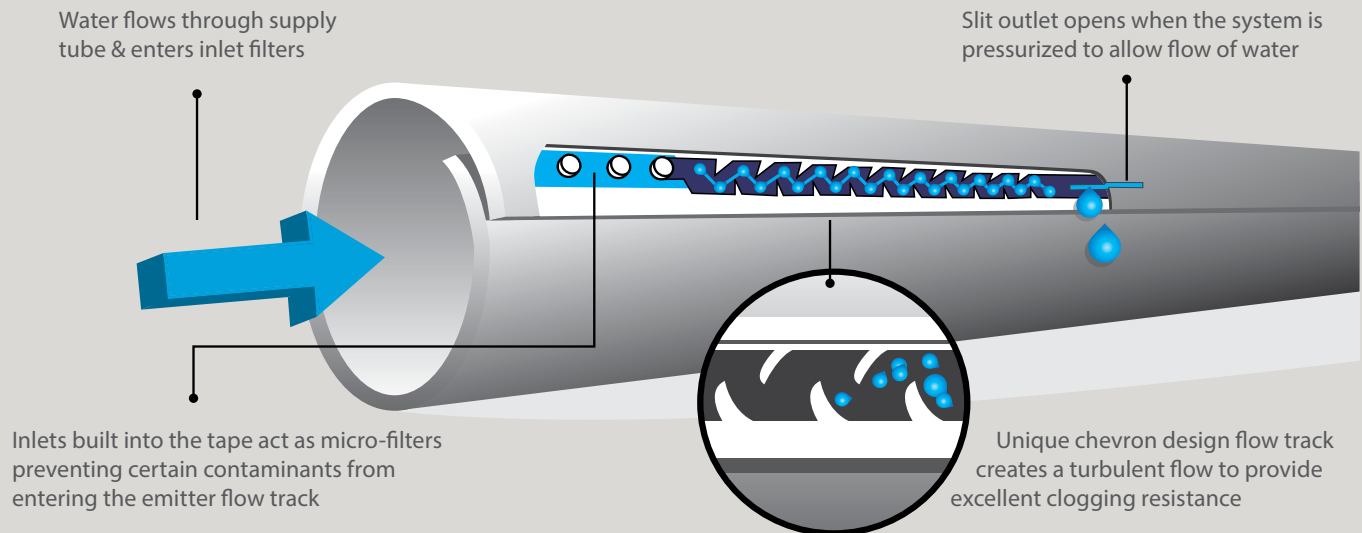
T-Tape helps make your choice of emitter interval spacing an agronomic decision, not one based on your bank account.



Recommended emitter interval spacing

- 10–20 cm | Strawberries and leafy greens
- 20–30 cm | All vegetables (except leafy greens)
- 30 cm | Melons, cane & cotton

PERFORMANCE: ADVANCED ENGINEERING



PERFORMANCE: CLOGGING RESISTANCE

Most water will still contain foreign and organic particles even after it has been filtered. Therefore the design of the emitter is critical to help prevent clogging by stopping contaminants from entering the emitter.

A unique feature of T-Tape is the high number of inlet filters each emitter contains.

Every T-Tape emitter contains 13 to 211 inlet filters (depending on configuration).

T-Tape requires just 5 inlet filters open to function correctly. Not only does this provide outstanding protection in every emitter, it also helps T-Tape perform in conditions where other drip lines may fail.



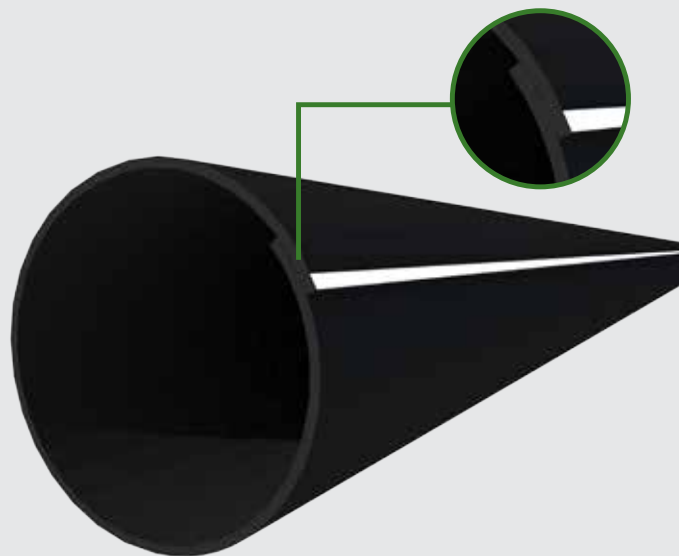
* at 70 cm above ground level

PERFORMANCE: REINFORCED DESIGN

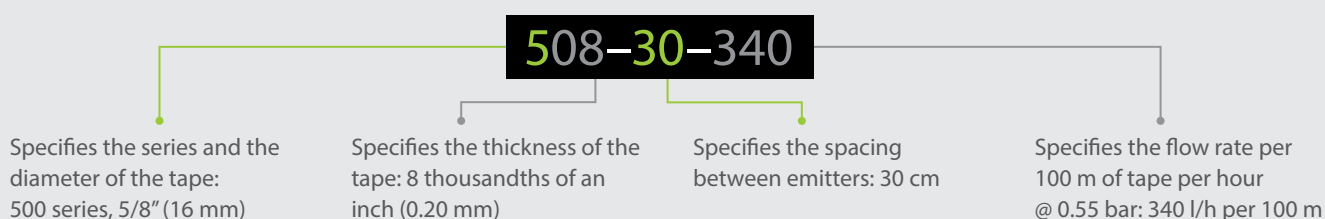
Due to T-Tape's unique design, the tape is folded and welded over itself, in turn creating a strong seam along the entire length of the tape.

Double thickness along the seam helps make T-Tape stronger and therefore easier to retrieve in the field.

In addition, the seam provides an extra layer of protection to the emitter. T-Tape is designed to snap instead of stretch, with the seam design helping protect the in-built emitter from damage, both during installation and retrieval.



EASY PRODUCT IDENTIFICATION



NO COMPROMISE: WIDE RANGE OF CONFIGURATIONS

The problem with many drip systems is that you cannot always get the ideal configuration for your unique requirements. Therefore you compromise and in turn, may not achieve the optimum results possible.

Compromise is not an issue when you choose T-Tape which features one of the widest ranges of configurations available including:

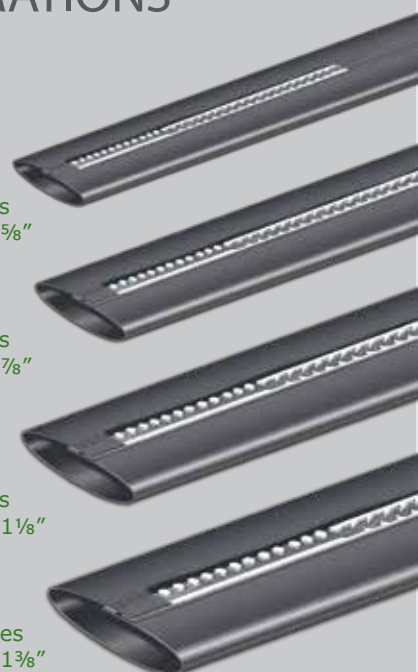
- **7 x Flow rate options from 0.25 l/h – 4.0 l/h**
Choose depending on your individual crop, environment and soil requirements
- **4 x Diameters: 16, 22, 29 and 35 mm.**
Larger diameters allow for longer-run lengths while still achieving high uniformity
- **7 x Wall thickness options: 5 – 15 mil (0.13 – 0.38 mm)**
Heavier wall thicknesses are ideal for multi-season, long-term sub-surface, or where additional strength is required

500 Series
16 mm – 5/8"

700 Series
22 mm – 7/8"

900 Series
29 mm – 1 1/8"

1100 Series
35 mm – 1 3/8"



INTRODUCING T-Tape^s

If you need even more tensile strength than T-Tape's already reinforced design, T-Tape^s is your answer.

Manufactured with some of the most advanced extrusion technology in drip irrigation, T-Tape^s provides outstanding tensile strength making it ideal for situations where retrieval may be a challenge.

T-Tape^s is easily identified with its signature green stripe (Europe only).



PRODUCT GUIDELINES

T-Tape 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 T-Tape with 0.50 l/h emitter at 0.80 bar, each emitter will emit 0.62 l/h.

The table below provides a reference of the output per emitter of T-Tape at 0.55, 0.80 and 1.00 bar.

Emitter Flow Rate (l/h) Based on Nominal Pressure of 0.55 bar	0.25	0.33	0.50	0.75	1.00	1.25	2.00
Flow rate (l/h) per emitter @ 0.80 bar	0.32	0.42	0.62	0.89	1.20	1.47	2.31
Flow rate (l/h) per emitter @ 1.00 bar	0.37	0.49	0.70	1.00	1.35	1.65	2.58

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.

PRESSURE GUIDELINES

Minimum operating pressure: 0.30 bar
 Recommended operating pressure: 0.55 bar

Maximum pressures (bar)				
Wall Thickness (mil)	Diameter			
	16 mm (5/8")	22 mm (7/8")	29 mm (1 1/8")	35 mm (1 3/8")
5	0.75			
6	0.90	0.69		
7	1.03	0.69		
8	1.24	0.83	0.69	
10	1.52	1.10	0.83	
12	1.79	1.31	1.03	
15	2.28	1.59	1.24	1.10

T-TAPE | 16 mm (500 SERIES) PERFORMANCE DATA

Description	Nominal Ø	Wall Thickness (Nominal)		Spacing	Flow Rates		Maximum Run Length (90% E.U.)	Roll Length	Product Number
		(mil)	(mm)		(l/h per emitter)	(l/h per 100m)			
505-10-750	16mm (5/8")	5	0.13	10	0.75	750	85	3655	101045765
505-15-500	16mm (5/8")	5	0.13	15	0.75	500	100	3655	101001663
505-20-250	16mm (5/8")	5	0.13	20	0.50	250	160	3655	101001471
505-20-340	16mm (5/8")	5	0.13	20	0.65	340	150	3655	101001472
505-20-380	16mm (5/8")	5	0.13	20	0.75	380	135	3655	101001473
505-20-500	16mm (5/8")	5	0.13	20	1.00	500	100	3655	101001474
505-30-170	16mm (5/8")	5	0.13	30	0.50	170	205	3655	101001475
505-30-250	16mm (5/8")	5	0.13	30	0.75	250	180	3655	101001476
505-30-340	16mm (5/8")	5	0.13	30	1	340	150	3655	101001477
506-10-750	16mm (5/8")	6	0.15	10	0.75	750	85	3050	101008273
506-10-1350	16mm (5/8")	6	0.15	10	1.35	1350	50	3050	101045761
506-15-170	16mm (5/8")	6	0.15	15	0.25	170	180	3050	101001678
506-15-220	16mm (5/8")	6	0.15	15	0.33	220	205	3050	101001995
506-15-340	16mm (5/8")	6	0.15	15	0.5	340	150	3050	101001043
506-15-340	16mm (5/8")	6	0.15	15	0.5	340	130	3050	101001996
506-15-500	16mm (5/8")	6	0.15	15	0.75	500	110	3050	101001679
506-15-1000	16mm (5/8")	6	0.15	15	1.5	1000	75	3050	WT13088
506-20-125	16mm (5/8")	6	0.15	20	0.25	125	235	3050	101001478
506-20-250	16mm (5/8")	6	0.15	20	0.5	250	175	3050	101001479
506-20-380	16mm (5/8")	6	0.15	20	0.75	380	135	3050	101001480
506-20-500	16mm (5/8")	6	0.15	20	1	500	115	3050	101001481
506-25-300	16mm (5/8")	6	0.15	25	0.75	300	155	3050	101001997
506-30-170	16mm (5/8")	6	0.15	30	0.5	170	230	3050	101001482
506-30-250	16mm (5/8")	6	0.15	30	0.75	250	175	3050	101001485
506-30-340	16mm (5/8")	6	0.15	30	1	340	150	3050	101001488
506-40-250	16mm (5/8")	6	0.15	40	1	250	180	3050	101001691
507-10-1350	16mm (5/8")	7	0.18	10	1.35	1350	50	2800	WT13085
507-15-1000	16mm (5/8")	7	0.18	15	1.5	1000	80	2800	WT14982
507-20-500	16mm (5/8")	7	0.18	20	1	500	110	2800	101014490
507-30-250	16mm (5/8")	7	0.18	30	0.75	250	180	2800	101022864
507-30-340	16mm (5/8")	7	0.18	30	1	340	150	2800	101014491
507-40-185	16mm (5/8")	7	0.18	40	0.75	185	215	2800	WT15158
508-10-750	16mm (5/8")	8	0.2	10	0.75	750	85	2300	101001490
508-10-1000	16mm (5/8")	8	0.2	10	1	1000	70	2300	101002004
508-10-1000 - AGS	16mm (5/8")	8	0.2	10	1	1000	70	2300	101001980
508-10-1350	16mm (5/8")	8	0.2	10	1.35	1350	50	2300	101045762
508-15-170	16mm (5/8")	8	0.2	15	0.25	170	205	2300	WT10311
508-15-220	16mm (5/8")	8	0.2	15	0.33	220	180	2300	101002008
508-15-340	16mm (5/8")	8	0.2	15	0.5	340	150	2300	101001045
508-15-340	16mm (5/8")	8	0.2	15	0.5	340	150	2300	101002009
508-15-500	16mm (5/8")	8	0.2	15	0.75	500	110	2300	101002012
508-15-1000	16mm (5/8")	8	0.2	15	1.5	1000	75	2300	101001491
508-20-125	16mm (5/8")	8	0.2	20	0.25	125	235	2300	101002013
508-20-250	16mm (5/8")	8	0.2	20	0.5	250	175	2300	101001492
508-20-380	16mm (5/8")	8	0.2	20	0.75	380	135	2300	101001869
508-20-500	16mm (5/8")	8	0.2	20	1	500	115	2300	101001494
508-25-300	16mm (5/8")	8	0.2	25	0.75	300	155	2300	101002018
508-25-600	16mm (5/8")	8	0.2	25	1.5	600	115	2300	101002019
508-30-80	16mm (5/8")	8	0.2	30	0.25	80	325	2300	101002020
508-30-170	16mm (5/8")	8	0.2	30	0.5	170	230	2300	101001497
508-30-250	16mm (5/8")	8	0.2	30	0.75	250	180	2300	101001499
508-30-340	16mm (5/8")	8	0.2	30	1	340	150	2300	101001500
508-40-125	16mm (5/8")	8	0.2	40	0.5	125	280	2300	101001709
508-40-185	16mm (5/8")	8	0.2	40	0.75	185	215	2300	101001710

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

● Stock items - all other sizes can be ordered with 6-12 week lead time.

T-TAPE | 16 mm (500 SERIES) PERFORMANCE DATA - CONTINUED

Description	Nominal Ø	Wall Thickness (Nominal)		Spacing	Flow Rates		Maximum Run Length (90% E.U.)	Roll Length	Product Number
		(mil)	(mm)		(l/h per emitter)	(l/h per 100m)			
508-40-250	16mm (5/8")	8	0.2	40	1.00	250	180	2300	101001712
508-60-210	16mm (5/8")	8	0.2	60	1.25	210	205	2300	101001715
510-10-750	16mm (5/8")	10	0.25	10	0.75	750	85	1830	101001506
510-10-1000	16mm (5/8")	10	0.25	10	1.00	1000	75	1830	101002024
510-15-220	16mm (5/8")	10	0.25	15	0.33	220	180	1830	101002026
510-15-340	16mm (5/8")	10	0.25	15	0.50	340	150	1830	101002027
510-15-500	16mm (5/8")	10	0.25	15	0.75	500	110	1830	101002028
510-15-1000	16mm (5/8")	10	0.25	15	1.50	1000	80	1830	101001508
510-15-1000	16mm (5/8")	10	0.25	15	1.50	1000	80	1830	101002025
510-20-250	16mm (5/8")	10	0.25	20	0.50	250	175	1830	101001509
510-20-380	16mm (5/8")	10	0.25	20	0.75	380	135	1830	101001870
510-20-500	16mm (5/8")	10	0.25	20	1.00	500	115	1830	101001511
510-25-600	16mm (5/8")	10	0.25	25	1.50	600	115	1830	101002031
510-30-170	16mm (5/8")	10	0.25	30	0.50	170	230	1830	101001512
510-30-250	16mm (5/8")	10	0.25	30	0.75	250	180	1830	101001514
510-30-340	16mm (5/8")	10	0.25	30	1.00	340	150	1830	101001515
510-40-125	16mm (5/8")	10	0.25	40	0.50	125	240	1830	101001726
510-40-250	16mm (5/8")	10	0.25	40	1.00	250	175	1830	101001727
510-40-315	16mm (5/8")	10	0.25	40	1.25	315	160	1830	101002032
510-50-400	16mm (5/8")	10	0.25	50	2.00	400	135	1830	101002034
510-50-800	16mm (5/8")	10	0.25	50	4.00	800	85	1830	101002033
510-60-210	16mm (5/8")	10	0.25	60	1.25	210	205	1830	101001730

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

T-TAPE^S | 16 & 22 mm

Description	Nominal Ø	Wall Thickness (Nominal)		Spacing	Flow Rates		Maximum Run Length (90% E.U.)	Roll Length	Product Number
		(mil)	(mm)		(l/h per emitter)	(l/h per 100m)			
T-TapeS 505-15-170	16mm (5/8")	5	0.13	15	0.25	170	205	3655	WT14682
T-TapeS 505-20-125	16mm (5/8")	5	0.13	20	0.25	125	245	3655	WT14683
T-TapeS 505-22.5-110	16mm (5/8")	5	0.13	22.5	0.25	110	250	3655	WT14685
T-TapeS 506-15-170	16mm (5/8")	6	0.15	15	0.25	170	205	3050	WT13929
T-TapeS 506-15-500	16mm (5/8")	6	0.15	15	0.75	500	110	3050	101049169
T-TapeS 506-20-125	16mm (5/8")	6	0.15	20	0.25	125	245	3050	WT14688
T-TapeS 506-20-500	16mm (5/8")	6	0.15	20	1.00	500	115	3050	101047870
T-TapeS 506-30-170	16mm (5/8")	6	0.15	30	0.50	170	230	3050	WT14691
T-TapeS 506-30-250	16mm (5/8")	6	0.15	30	0.75	250	180	3050	101049143
T-TapeS 506-30-340	16mm (5/8")	6	0.15	30	1.00	340	150	3050	101049142
T-TapeS 706-15-170	22mm (7/8")	6	0.15	15	0.25	170	355	2250	WT13928
T-TapeS 706-20-200	22mm (7/8")	6	0.15	20	0.40	200	330	2250	WT14693
T-TapeS 706-20-250	22mm (7/8")	6	0.15	20	0.50	250	310	2250	101046259
T-TapeS 706-30-170	22mm (7/8")	6	0.15	30	0.50	170	405	2250	WT14697
T-TapeS 706-30-250	22mm (7/8")	6	0.15	30	0.75	250	315	2250	WT15709
T-TapeS 706-30-340	22mm (7/8")	6	0.15	30	1.00	340	265	2250	WT15217

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

T-TAPE DRIP TAPE

"T-Tape gives us maximum flexibility of product choice.

We use 15 cm emitter spacing as it provides the most effective wetting pattern, leading to better crop uniformity and yields."

David Moon, Onion Farmer, Australia



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