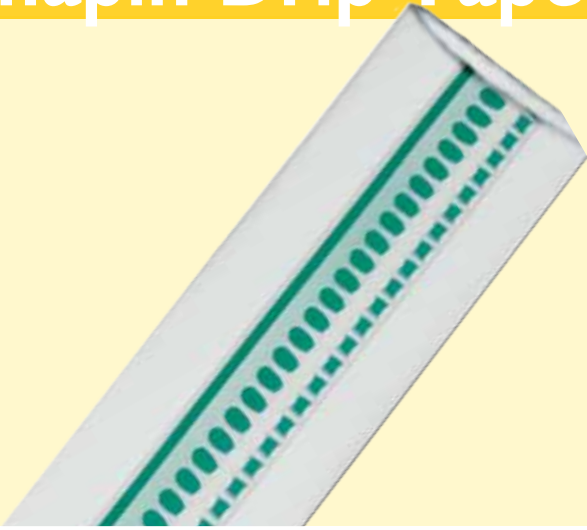


THIN WALLED DRIP TAPE

# Chapin-Drip Tape



Uniquely designed 16 mm and 22 mm tape for increased durability and clog resistance with 50 years of world wide experience

## APPLICATIONS

- Irrigation of row crops, vegetables, flowers and landscape
- For sub-surface and surface drip irrigation

## STRUCTURE AND FEATURES

### BTF

- Extruded high quality polyethylene film ensures round sides, providing higher resistance to field abrasion and insect bites
- Multiple inlet orifices ensure a continuous water flow to each dripper
- Turbulent flow path design provides larger internal dimensions offering higher resistance to clogging
- Largest selection of flow rates, wall thicknesses, fittings and accessories in the market
- Slit design outlets resist root intrusion and soil ingestion
- Available in 16mm (5/8") and 22 mm (7/8") diameters
- Available wall thickness 4, 5, 6, 8, 10, 12, 13 and 15 mil
- A low emitter exponent ensures less flow and pressure variation on steep slopes to help increase emission uniformity.

### Deluxe

- In addition to the BTF features the Deluxe model has: continuous filtration channel (328 inlets per 1 m) keeps the debris away from the flow path and allows it to purge by flushing, ensuring high performance and extends the life of the tape.
- Available wall thickness 5, 8, 10, 12, 13, 15 and 25 mil.



**BTF**



**Deluxe**



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## BTF Flow rates and spacing, 16 & 22 mm, 5-15 mil

Spacing		Flow rates at 0.7 bar (10 PSI)				Flow rates at 0.6 bar (8 PSI)				Filtration mesh
inch	cm	gpm/100ft	lph/100 m	gph/outlet	lph/outlet	gpm/100ft	lph/100m	gph/outlet	lph/outlet	
4	10	0.65	484	0.13	0.49	0.52	387	0.10	0.39	200
4	10	1.00	744	0.20	0.76	0.80	595	0.16	0.60	200
4	10	1.33	989	0.27	1.01	1.06	792	0.21	0.80	150
4	10	1.80	1,339	0.36	1.36	1.44	1,071	0.29	1.09	150
6	15	0.50	372	0.15	0.57	0.40	298	0.12	0.45	200
6	15	0.65	484	0.20	0.74	0.52	387	0.16	0.59	150
6	15	1.33	989	0.40	1.51	1.06	792	0.32	1.21	150
8	20	0.25	186	0.10	0.38	0.20	149	0.08	0.30	200
8	20	0.30	223	0.12	0.45	0.24	179	0.10	0.36	200
8	20	0.40	298	0.16	0.60	0.32	238	0.13	0.48	200
8	20	0.50	372	0.20	0.76	0.40	298	0.16	0.60	200
8	20	0.65	484	0.26	0.98	0.52	387	0.21	0.79	150
8	20	0.85	632	0.34	1.29	0.68	506	0.27	1.03	150
8	20	1.50	1,116	0.60	2.27	1.20	893	0.48	1.81	150
12	30	0.25	186	0.15	0.57	0.20	149	0.12	0.45	200
12	30	0.30	223	0.18	0.68	0.24	179	0.14	0.54	200
12	30	0.40	298	0.24	0.91	0.32	238	0.19	0.73	150
12	30	0.50	372	0.30	1.13	0.40	298	0.24	0.91	150
12	30	0.65	484	0.39	1.47	0.52	387	0.31	1.18	150
12	30	1.00	744	0.60	2.27	0.80	595	0.48	1.81	150
24	61	0.10	74	0.12	0.45	0.08	60	0.10	0.36	200

1. The above flow rates are available in 16 mm and 22 mm diameter, from 5 Mil to 15 Mil
2. Recommended operating pressure is 0.7 bar (10 PSI). Equivalent flow rates at 0.6 bar (8 PSI) are also included in this table
3. Install with emitters facing up

THIN WALLED DRIP TAPE

# Chapin-Drip Tape



**TECHNICAL DATA**

**DELUXE Flow rates and spacing, 16 & 22 mm, 5-15 mil**

Spacing		Outlets /100ft	Flow rates at 0.7 bar (10 PSI)				Flow rates at 0.6 bar (8 PSI)				Filtration mesh
inch	cm		gpm/100ft	lph/100m	gph/outlet	lph/outlet	gpm/100ft	lph/100m	gph/outlet	lph/outlet	
6	15	200	1.00	744	0.30	1.13	0.80	595	0.24	0.91	120
6	15	200	1.33	989	0.40	1.51	1.06	792	0.32	1.21	120
8	20	150	0.40	298	0.16	0.60	0.32	238	0.13	0.48	150
8	20	150	0.50	372	0.20	0.76	0.40	298	0.16	0.60	150
8	20	150	0.65	484	0.26	0.98	0.52	387	0.21	0.79	120
8	20	150	0.85	632	0.34	1.29	0.68	506	0.27	1.03	120
8	20	150	1.50	1,116	0.60	2.27	1.20	893	0.48	1.81	120
12	30	100	0.25	186	0.15	0.57	0.20	149	0.12	0.45	200
12	30	100	0.30	223	0.18	0.68	0.24	179	0.14	0.54	200
12	30	100	0.40	298	0.24	0.91	0.32	238	0.19	0.73	120
12	30	100	0.50	372	0.30	1.13	0.40	298	0.24	0.91	120
12	30	100	0.65	484	0.39	1.47	0.52	387	0.31	1.18	120
12	30	100	1.00	744	0.60	2.27	0.80	595	0.48	1.81	120
16	41	75	0.20	149	0.16	0.60	0.16	119	0.13	0.48	200
16	41	75	0.25	186	0.20	0.76	0.20	149	0.16	0.60	200
16	41	75	0.30	223	0.24	0.91	0.24	179	0.19	0.73	200
16	41	75	0.40	298	0.32	1.21	0.32	238	0.26	0.97	120
16	41	75	0.50	372	0.40	1.51	0.40	298	0.32	1.21	120
18	46	67	0.50	372	0.45	1.70	0.40	298	0.36	1.36	120
24	61	50	0.15	112	0.18	0.68	0.12	89	0.14	0.54	200
24	61	50	0.20	149	0.24	0.91	0.16	119	0.19	0.73	200
24	61	50	0.30	223	0.36	1.36	0.24	179	0.29	1.09	200
24	61	50	0.50	372	0.60	2.27	0.40	298	0.48	1.81	120

1. The above flow rates are available in 16 mm and 22 mm diameter, from 5 Mil to 15 Mil
2. Recommended operating pressure is 0.7 bar (10 PSI). Equivalent flow rates at 0.6 bar (8 PSI) are also included in this table
3. Install with emitters facing up



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## CHAPIN PACKAGING AND SHIPPING

Wall thickness (mil)	Coil length (m)	Coils per pallet #	Estimated quantity in container			
			20'		40'	
			Pallets	Coils	Pallets	Coils

**BTF 16 mm (5/8")**

4	4,573	12	20	240	39	468
5	3,659	12	20	240	40	480
6	3,049	16	20	320	38	608
7	2,561	16	20	320	40	640
8	2,287	16	20	320	40	640
10	1,829	16	20	320	40	640
12	1,524	16	20	320	40	640
15	1,200	16	20	320	40	640

**BTF 22 mm (7/8")**

6	2,287	16	20	320	40	640
7	1,982	16	20	320	40	640
8	1,677	16	20	320	40	640
10	1,372	16	20	320	40	640
13	1,067	16	20	320	40	640
15	915	16	20	320	40	640

**DELUXE 16 mm (5/8")**

6	3,049	28	10	280	20	560
8	2,287	28	10	280	20	560
10	1,829	28	10	280	20	560
12	1,524	28	10	280	20	560
15	1,220	28	10	280	20	560

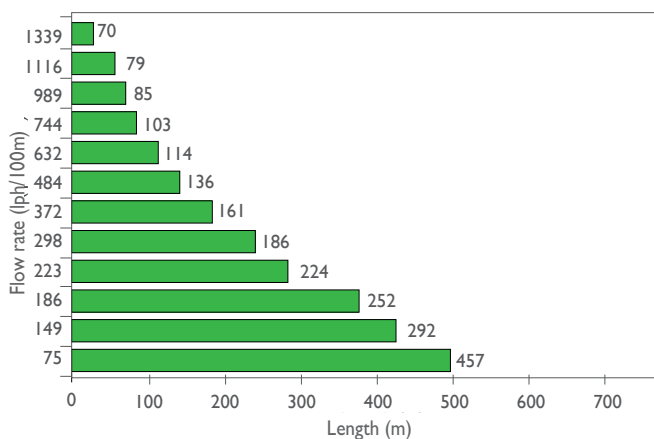
**DELUXE 22 mm (7/8")**

6	2,287	12	20	240	40	480
8	1,677	12	20	240	40	480
10	1,372	12	20	240	40	480
13	1,067	12	20	240	40	480
15	915	12	20	240	40	480

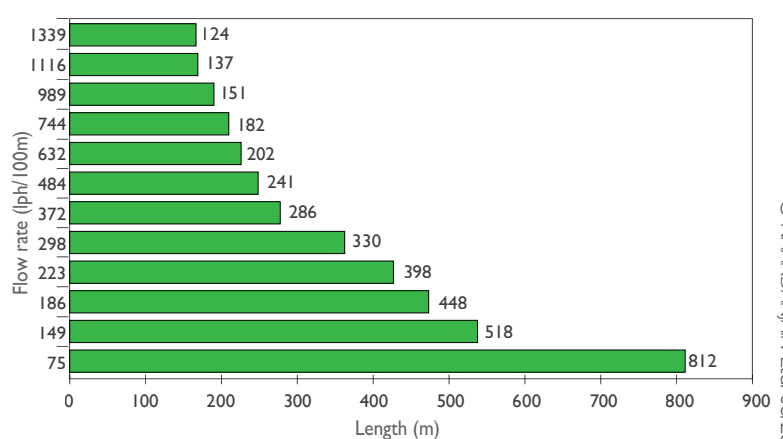


## MAXIMUM LATERAL LENGTH (m)\*

**BTF & DELUXE 16 mm**



**BTF & DELUXE 22 mm**



\* EU - 90% uniformity, on flat ground, when inlet pressure is 0.7 bar