



Techline® CV Dripperline

APPLICATIONS

- Subsurface or on-surface installations
- Slopes
- Curved, angular or narrow planting areas
- High traffic/high liability areas
- Areas subject to vandalism
- High wind areas
- Turf, shrubs, trees and flowers
- At-grade windows
- Sports turf, tennis courts, golf courses
- Green walls
- Rooftop gardens
- Raised planters
- Auto dealerships

SPECIFICATIONS

- Broadest choice of dripper flow rates: 0.26, 0.4, 0.6 and 0.9 GPH
- Dripper spacings: 12", 18" and 24" (24" spacing available for 0.6 and 0.9 GPH only)
- Pressure compensation range: 14.7 to 70 psi (stainless steel clamps recommended above 50 psi)
- Bending radius: 7"
- Maximum recommended system pressure: 50 psi
- Minimum pressure required: 14.7 psi
- Tubing diameter: 0.66" OD; 0.56" ID; 0.050" wall
- Coil length: 100', 250', 1,000'
- Recommended minimum filtration: 120 mesh

*Maximum Uniformity in
On-surface and Subsurface
Rolling Landscapes*



FEATURES & BENEFITS

2 psi check valve in each dripper

All drippers turn on and off at the same time, maximizing balance of application. Holds back up to 4 1/2' of water (elevation change). No low emitter drainage, great on slopes. Delivers more precise watering.

Pressure compensating

Precise and equal amounts of water are delivered over a broad pressure range.

Continuous self-flushing dripper design

Flushes debris as it is detected, throughout operation, not just at the beginning or end of a cycle, ensuring uninterrupted dripper operation.

Unique dripper design with physical root barrier

Drippers are protected from root intrusion without chemical reliance.

Easy to design in slope and berm applications

Check valve feature ensures water does not drain out of lower elevation drippers.

Self-contained, one-piece dripperline construction

Assures reliable, easy installation.

Flexible tubing

Adapts to any planting area shape.

UV resistant

Withstands heat and direct sun - for on-surface installations.

User-friendly labeling

Label on rolls denotes flow rate and spacing. Tubing indelibly marked - flow rate is easily identified.

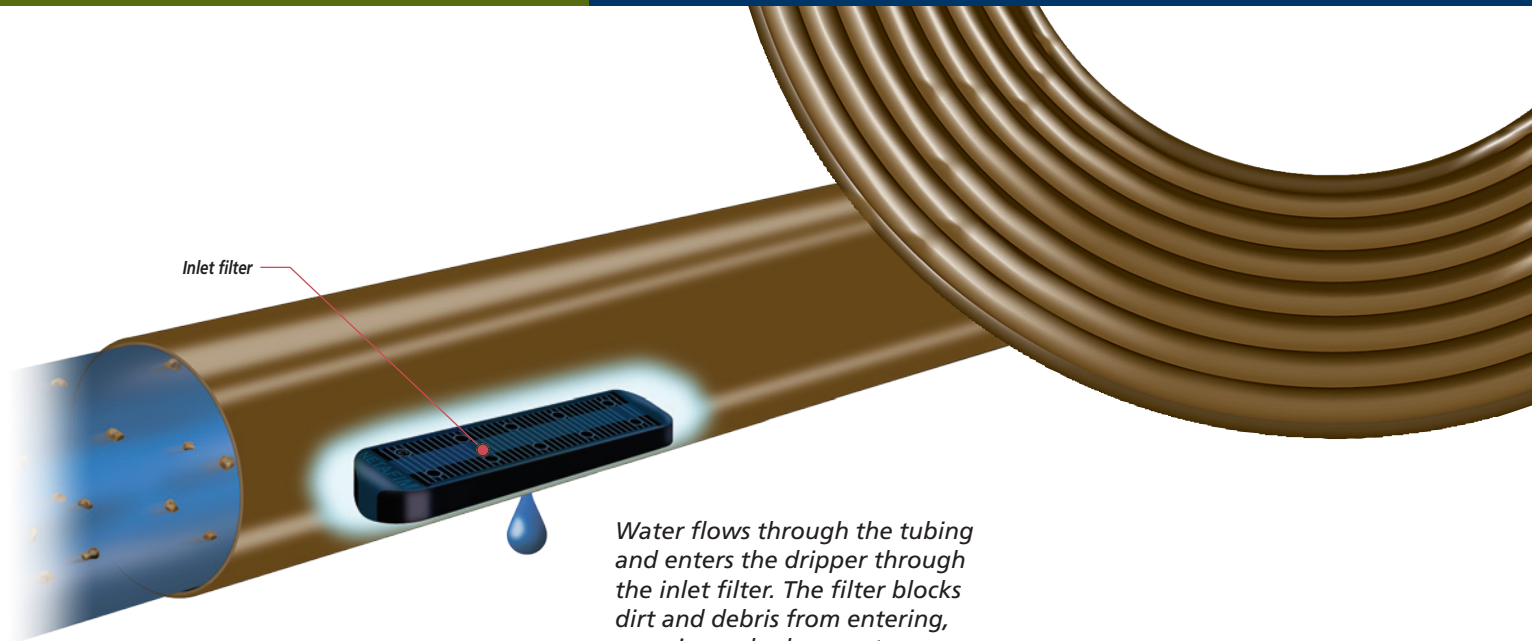
Air/vacuum relief valves are not required for subsurface or on-surface installations

Installations are faster and less expensive.

Techline/Techfilter compatible

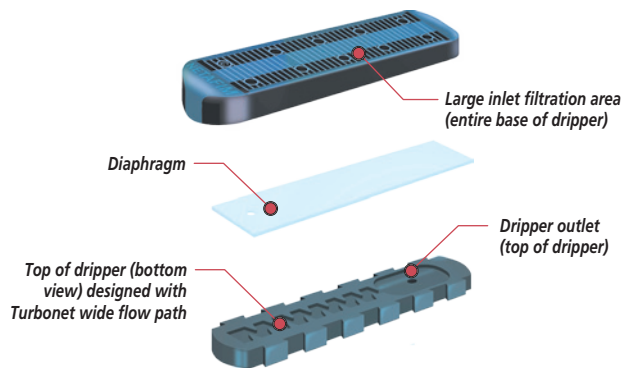
Same ID/OD as Techline, works with all Techline fittings. Techfilter option provides a limited lifetime warranty against root intrusion.

Best of Techline with a check valve (CV) *the most advanced technology available*

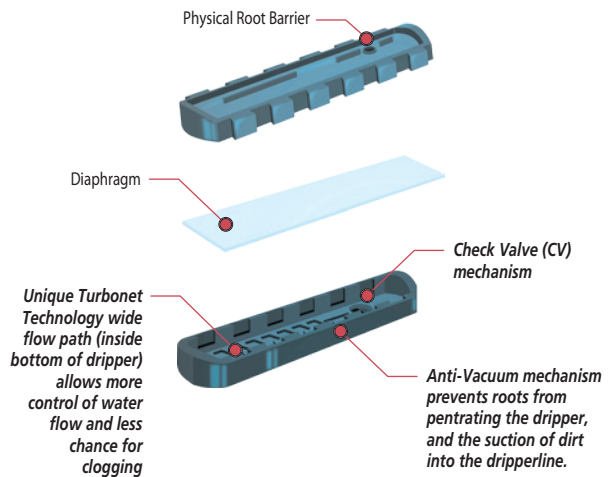


Water flows through the tubing and enters the dripper through the inlet filter. The filter blocks dirt and debris from entering, ensuring only clean water enters the dripperline.

Bottom View of Techline CV Dripper



Top View of Techline CV Dripper



Techline® CV PRODUCT SELECTION GUIDE

General Guidelines

	Turf			Shrub & Groundcover		
	Clay Soil	Loam Soil	Sandy Soil	Clay Soil	Loam Soil	Sandy Soil
Dripper Flow	0.26 GPH	0.4 GPH	0.6 GPH	0.26 GPH	0.4 GPH	0.6 GPH
Dripper Interval	18"	12"	12"	18"	18"	12"
Lateral (Row) Spacing	18" - 22"	18" - 22"	12" - 16"	18" - 24"	18" - 24"	16" - 20"
Burial Depth	On-surface or bury evenly throughout the zone to a maximum of 6"					
Application Rate (inches/hour)	.19 - .15	.43 - .35	.96 - .72	.19 - .14	.29 - .21	.72 - .58
Time to Apply ¼" of Water (minutes)	79 - 100	35 - 43	16 - 21	79 - 107	52 - 71	21 - 26

Following these maximum spacing guidelines, dripper flow selection can be increased if desired by the designer.
0.9 GPH flow rate available for areas requiring higher infiltration rates, such as coarse sandy soils.

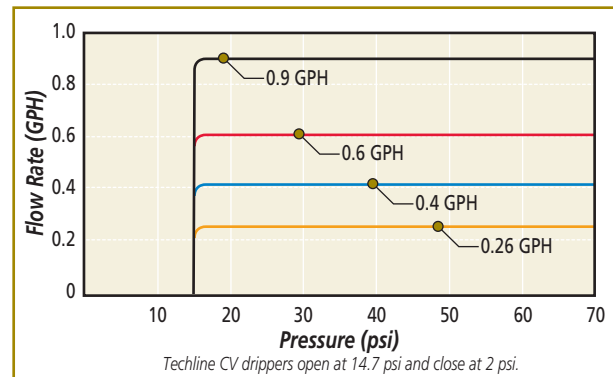
Maximum Length of a Single Lateral (feet)

Dripper Spacing	12"				18"				24"		
	0.26	0.4	0.6	0.9	0.26	0.4	0.6	0.9	0.6	0.9	
Inlet Pressure	20 psi	367	277	218	166	502	323	299	227	283	373
	25 psi	427	325	256	194	604	459	361	274	458	348
	35 psi	539	409	322	244	763	579	456	346	580	440
	45 psi	618	469	369	280	877	664	523	397	666	506

Flow per 100 Feet

Dripper Spacing	0.26 Dripper		0.4 Dripper		0.6 Dripper		0.9 Dripper	
	GPH	GPM	GPH	GPM	GPH	GPM	GPH	GPM
12"	26.40	0.44	40.00	0.67	61.00	1.02	92.00	1.53
18"	17.58	0.29	26.67	0.44	41.00	0.68	61.00	1.02
24"	Not Available		Not Available		31.00	0.51	46.00	0.77

Dripper Flow Rate vs. Pressure



Techline® CV ORDERING INFORMATION

Techline CV Specifying Model Number

Reference for Ordering Information Chart

SAMPLE MODEL NUMBER

TLCV4-1210

1 2 3

(A)

Techline CV Dripperline = TLCV

1 Dripper Flow Rate

0.26 GPH = 26
0.4 GPH = 4
0.6 GPH = 6
0.9 GPH = 9

2 Dripper Spacing

12" = 12
18" = 18
24" = 24

3 Coil Length

100' = 01
250' = 025
1,000' = 10

BLANK Tubing Model Numbers:
1,000' = TLCV010 250' = TLCV025 100' = TLCV001










Techline CV Ordering Information

Flow Rate	Coil Label Code	Dripper Spacing	Coil Length	Model Number	Item Number
0.26 GPH	▼	12"	1,000'	TLCV26-1210	14696-000004
			250'	TLCV26-12025	14696-000003
			100'	TLCV26-1201	14696-000035
	■	18"	1,000'	TLCV26-1810	14696-000006
			250'	TLCV26-18025	14696-000005
			100'	TLCV26-1801	14696-000036
0.4 GPH	▼	12"	1,000'	TLCV4-1210	14696-000008
			250'	TLCV4-12025	14696-000007
			100'	TLCV4-1201	14696-000037
	■	18"	1,000'	TLCV4-1810	14696-000010
			250'	TLCV4-18025	14696-000009
			100'	TLCV4-1801	14696-000038
0.6 GPH	▼	12"	1,000'	TLCV6-1210	14696-000012
			250'	TLCV6-12025	14696-000011
			100'	TLCV6-1201	14696-000039
	■	18"	1,000'	TLCV6-1810	14696-000014
			250'	TLCV6-18025	14696-000013
			100'	TLCV6-1801	14696-000040
	■	24"	1,000'	TLCV6-2410	14696-000016
			250'	TLCV6-24025	14696-000015
			100'	TLCV6-2401	14696-000041
0.9 GPH	▼	12"	1,000'	TLCV9-1210	14696-000018
			250'	TLCV9-12025	14696-000017
			100'	TLCV9-1201	14696-000042
	□	18"	1,000'	TLCV9-1810	14696-000020
			250'	TLCV9-18025	14696-000019
			100'	TLCV9-1801	14696-000043
	□	24"	1,000'	TLCV9-2410	14696-000022
			250'	TLCV9-24025	14696-000021
			100'	TLCV9-2401	14696-000044
Blank Tubing			1,000'	TLCV010	14696-000002
			250'	TLCV0025	14696-000001
			100'	TLCV001	14696-000034

Netafim Coil Label Code Key

Each Techline CV, Techline, Techline RW coil has a label that is coded with color and graphic shapes for easy flow rate and dripper spacing identification.

 Orange - 0.26 GPH	 Blue - 0.4 GPH	 Red - 0.6 GPH	 Black - 0.9 GPH	 Triangle Indicates 12" dripper spacing	 Square Indicates 18" dripper spacing	 Circle Indicates 24" dripper spacing
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