

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.

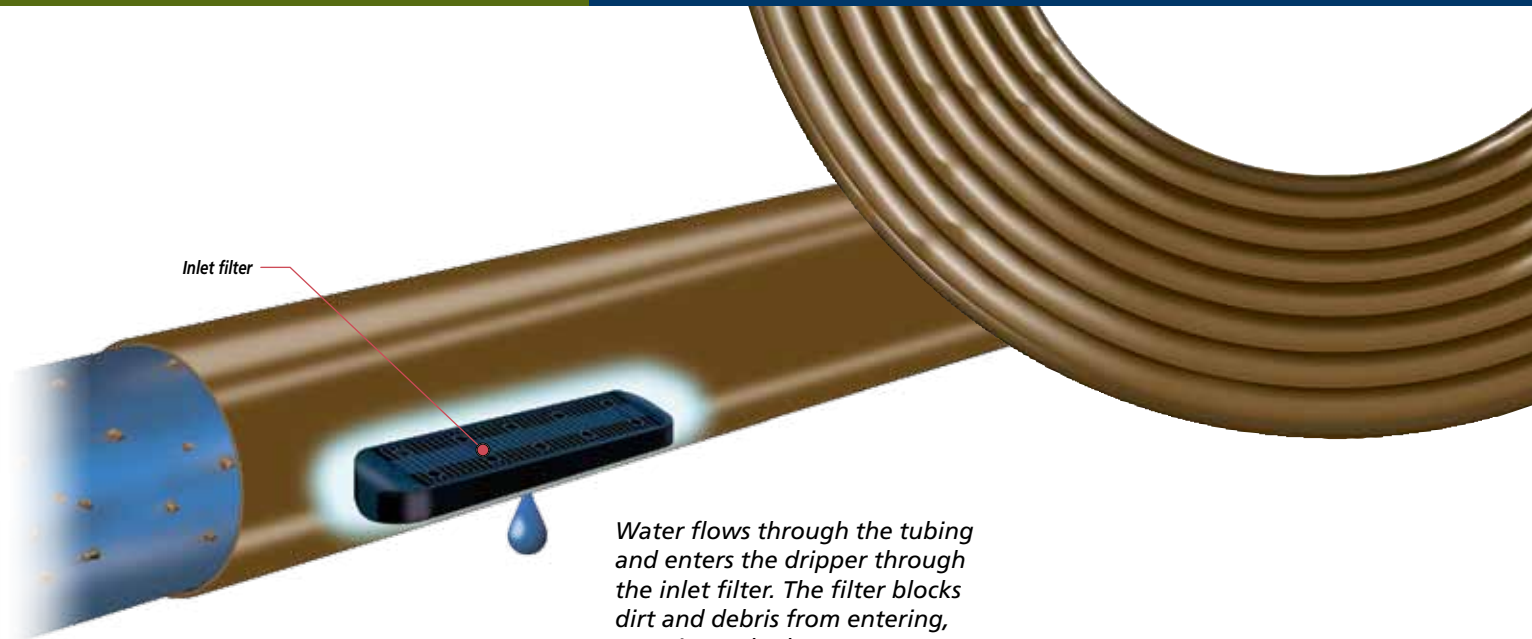
Air/vacuum relief valves are not required for subsurface or on-surface installations

Installations are faster and less expensive.

Techline/Techfilter compatible

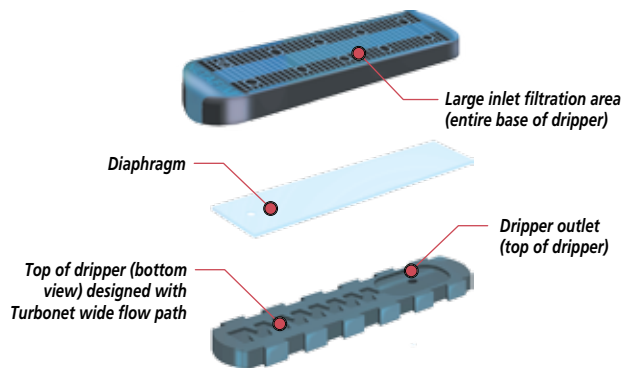
Same ID/OD as Techline, works with all Techline fittings. Techfilter option provides a limited lifetime warranty against root intrusion.

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

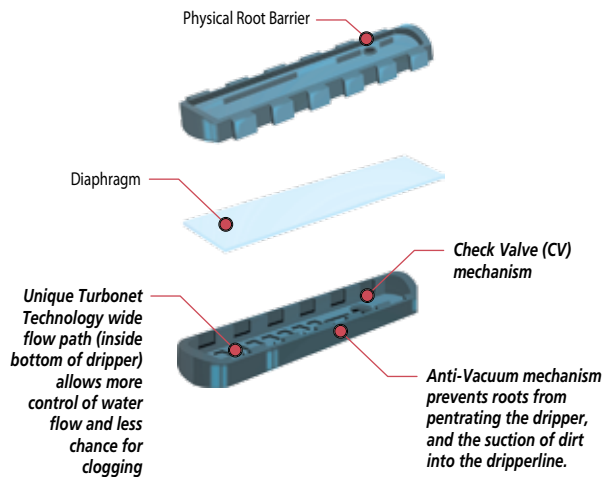


Water flows through the tubing and enters the dripper through the inlet filter. The filter blocks dirt and debris from entering, ensuring only clean water enters the dripperline.

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.

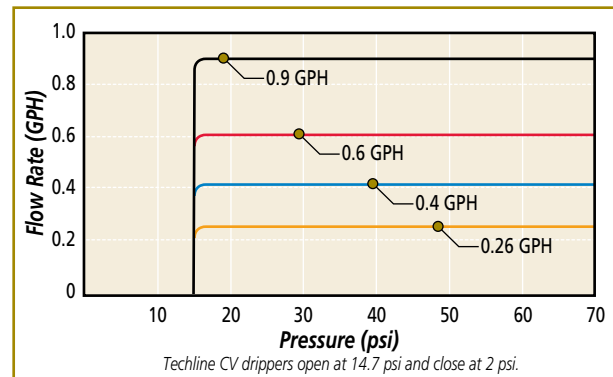
Maximum Length of a Single Lateral (feet)

| 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

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" drripper spacing |  Square Indicates 18" drripper spacing |  Circle Indicates 24" drripper spacing |
|--|---|--|--|--|--|--|



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