



Unitechline™



Techline™ CV



Bioline™



TechNet™



## Unitechline™ AS

Integral pressure-compensating, continuously self-cleaning and anti-siphon mechanism dripper.

### Applications:

- Sub-surface or on-surface installations
- Slopes
- Planting areas
- Areas subject to vandalism
- Planting Areas
- Curved, narrow, and unshaped planting areas
- Turf, flower beds, trees, and shrubs
- Rooftop gardens
- Green walls
- Sport turf, tennis courts, and golf courses
- High traffic or high liability areas
- Raised planters

### Specifications:

- Broadest choice of dripper flow rates: 1.0, 1.6, and 2.3 l/h
- Dripper spacing: 0.3, 0.4, 0.5, and 1.0 m (other dripper spacing is available upon request)
- Pressure compensated range: 0.5-4.0 bar
- Anti-siphon mechanism
- Maximum system pressure: 4.0 bar
- Recommended filtration: 130 microns / 120 mesh
- Dripperline OD (outside diameter): 16.6 and 17.0 mm
- Dripperline ID (Inside diameter): 14.2 and 14.6 mm
- Coil length: 25, 50, 100, and 400 m

## Features and Benefits:

### Pressure-compensating

- Precise and equal amounts of water are delivered over a broad pressure range
- 100% uniformity of water and nutrient distribution along laterals.

### Continuous self-flushing dripper design

- Flushes debris as it is detected throughout operation, and not only at the beginning or end of a cycle; this ensures uninterrupted dripper operation.

### Anti-siphon mechanism

- Anti-siphon mechanism prevents contaminants from being drawn into the dripper.

### Unique dripper design with

- Physical root barrier which provides better protection against root intrusion without reliance on chemicals
- Largest filter in each dripper
- Widest water passages within the dripper
- Unique TurboNet™ flow path

### Dripper position within the dripperline

- The water is drawn into the dripper from the stream center, preventing sediment from entering the drippers.

### Flexible tubing

- Adapts to any planting area shape

### UV resistant & Single hole dripper outlet from tubing

- Withstands heat and direct sunlight for on-surface installations
- Better protection against root intrusion

- [www.epoolscapes.com](http://www.epoolscapes.com)



# Techline™ CV

Integral pressure-compensating, continuously self-cleaning, check valve and anti-drain dripper

## Applications:

- Sub-surface or on-surface installations
- Slopes
- High wind areas
- Areas subject to vandalism
- Planting areas
- Curved, narrow, and unshaped planting areas
- Turf, flower beds, trees, and shrubs
- Rooftop gardens
- Green walls
- Sport turf, tennis courts, and golf courses
- High traffic or high liability areas
- Raised planters

## Specifications:

- Broadest choice of dripper flow rates: 1.0, 1.6, 2.3 l/h.
- Dripper spacings: 0.3, 0.4, 0.5, 1.00 m (Other dripper spacing available upon request).
- Pressure-compensating range: 1.0-4.0 bar.
- Anti-drain mechanism.
- Shut-off pressure 0.14 bar.
- Anti-siphon mechanism .
- Maximum system pressure: 4 bar .
- Recommended filtration: 120 mesh .
- Dripperline OD (outside diameter) mm: 16.1 .
- Dripperline ID (inside diameter) mm: 13.7.
- Coil length: 25, 50, 100, 400 m.

## Features and Benefits:

### Pressure compensating

- Precise and equal amounts of water are delivered over a broad pressure range.
- 100% uniformity of water and nutrient distribution along laterals.

### Continuous self-flushing dripper design

- Flushes debris as it is detected throughout operation, and not only at the beginning or end of a cycle; this ensures uninterrupted dripper operation.

### 0.14 bar check valve in each dripper

- All drippers turn on and off at the same time, maximizing the application balance. The system holds back up to 0.14 bar of water (elevation change).
- No low emitter drainage.
- Great on slopes.
- Delivers more precise watering.

### Anti-siphon mechanism

- Prevents contaminants from being drawn into the dripper

### Unique dripper design with

- Physical root barrier which provides better protection against root intrusion without reliance on chemicals
- Largest filter in each dripper
- Widest water passages within the dripper
- Unique TurboNet™ flow path

### Dripper position within the dripperline

- The water is drawn into the dripper from the stream center, preventing sediment from entering the drippers.



- UV resistant & Flexible tubing
- Adapts to any planting area shape
- Withstands heat and direct sunlight for on-surface installations

Single hole dripper outlet from tubing

- Better protection against root intrusion

## **Bioline™**

Integral pressure-compensating, continuously self-cleaning and anti-siphon mechanism dripper

### **Applications:**

- Irrigation with non-potable water
- Sub-surface installations
- Commercial and residential applications
- Lawn, turf, flower beds, trees, and shrubs

### **Specifications:**

Purple-colored dripperline warns of the use of non-potable water

- Broadest choice of dripper flow rates: 1.0, 1.6, and 2.3 l/h
- Dripper spacing: 0.3, 0.4, 0.5, and 1.0 m (other dripper spacing is available upon request)
- Pressure-compensating range: 0.5-4.0 bar
- Anti-siphon mechanism
- Maximum system pressure: 4.0 bar
- Recommended filtration: 130 microns / 120 mesh
- Dripperline OD (outside diameter): 16.6 and 17.0 mm
- Dripperline ID (inside diameter): 14.2 and 14.6 mm
- Coil length: 100 and 400 m Uses barb connectors, fittings, and accessories (black, as well as purple).

## Features and Benefits: Pressure-compensating

- Precise and equal amounts of water are delivered over a broad pressure range.
- 100% uniformity of water and nutrient distribution along laterals.

## Continuous self-flushing dripper design

- Flushes debris as it is detected throughout operation, and not only at the beginning or end of a cycle; this ensures uninterrupted dripper operation.

## Anti-siphon mechanism

- Prevents contaminants from being drawn into the dripper

## Unique dripper design with

- Physical root barrier which provides better protection against root intrusion without reliance on chemicals
- Largest filter in each dripper
- Widest water passages within the dripper
- Unique TurboNet™ flow path

## Dripper position within the dripperline

- The water is drawn into the dripper from the stream center, preventing sediment from entering the dripper.

## Flexible tubing

- Adapts to any planting area shape

## UV resistant, Single hole dripper outlet from tubing & Colored dripperline for easy identification

- Withstands heat and direct sunlight for on-surface installations
- Better protection against root intrusion
- Warns of the use of non-potable water



# TechNet™

Compact integral, pressure-compensating and continuously self-cleaning dripper

## Applications:

- On-surface installations or covered with a layer of mulch
- High wind areas
- Areas subject to vandalism
- Planting areas
- Curved, narrow, and unshaped planting areas
- Flower beds, trees, and shrubs
- Rooftop gardens
- Green walls
- High traffic or high liability areas
- Raised planters

## Specifications:

- Broadest choice of dripper flow rates: 1.0, 1.6, and 2.0 l/h
- Dripper spacing: 0.3, 0.4, 0.5, and 1.0 m (other dripper spacing is available upon request)
- Pressure compensated range: 0.4-2.5 bar
- Maximum system pressure: 2.5 bar
- Recommended filtration: 130 microns / 120 mesh
- Dripperline OD (outside diameter): 16.6 mm
- Dripperline ID (inside diameter): 14.2 mm
- Coil length: 25, 50, 100, and 400 m

## Features and Benefits:

### Pressure-compensating

- Precise and equal amounts of water are delivered over a broad pressure range.
- 100% uniformity of water and nutrient distribution along laterals.





### Continuous self-flushing dripper design

- Flushes debris as it is detected throughout operation, and not only at the beginning or end of a cycle; this ensures uninterrupted dripper operation.

### Unique dripper design with

- Largest filter in each dripper
- Widest water passages within the dripper
- Unique TurboNet™ flow path

### Dripper position within the dripperline

- The water is drawn into the dripper from the stream center, preventing sediment from entering the dripper.

### Flexible tubing

- Adapts to any planting area shape
- Installations are faster and less expensive

### UV resistant

- Withstands heat and direct sunlight for on-surface installations

### Single hole dripper outlet from tubing

- Better protection against root intrusion



# UNITECHLINE™ AS 17 MM

**PRESSURE-COMPENSATING,  
CONTINUOUSLY SELF-CLEANING DRIPPER  
ANTI-SIPHON MECHANISM**



## UNITECHLINE™ AS 17 MM

**PRESSURE-COMPENSATING, CONTINUOUSLY SELF-CLEANING DRIPPER  
ANTI-SIPHON MECHANISM**

### APPLICATIONS

- Sub-surface and on-surface installation
- Slopes
- High wind areas
- Areas subject to vandalism
- Planting areas
- Curved, narrow and unshaped planting areas
- Turf, shrubs, trees and flowers
- Rooftop gardens
- Green walls
- Sports turf, tennis courts and golf courses
- High traffic/high liability areas
- Raised planters

### SPECIFICATIONS

- Broadest choice of dripper flow rates: 1.0, 1.6, 2.3 l/h
- Dripper spacings: 0.3, 0.4, 0.5, 1.00 m (Other dripper spacing available upon request)
- Pressure-compensating range: 0.5 - 4.0 bar
- Anti-Siphon mechanism
- Maximum system pressure: 4.0 bar
- Recommended filtration: 120 mesh
- Dripperline OD (outside diameter): 17.0 mm
- Dripperline ID (inside diameter): 14.6 mm
- Coil length: 25, 50, 100, 400 m

### FEATURES & BENEFITS

#### Pressure compensating

- Precise and equal amounts of water are delivered over a broad pressure range
- 100 % uniformity of water and nutrients distribution along the laterals

#### 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

#### Anti-Siphon mechanism

- Anti-Siphon mechanism prevents contaminants from being drawn into the dripper

#### Unique dripper design with

- Physical root barrier: better protection against root intrusion without reliance on chemicals
- Largest filter in each dripper
- Widest water passages within the dripper
- Unique TurboNet™ flow path

#### Dripper position within the dripperline

- The water is drawn in to the dripper from the stream center, preventing the entrance of sediments in to the drippers

#### Flexible tubing

- Adapts to any planting area shape

#### UV resistant

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

#### Single hole dripper outlet from tubing

- Better protection against root intrusion

WWW.NETAFIM.COM  
E-MAIL: PRODUCTS\_SOLUTIONS@NETAFIM.COM

2







## UNITECHLINE™ AS 17 MM

PRESSURE-COMPENSATING, CONTINUOUSLY SELF-CLEANING DRIPPER  
ANTI-SIPHON MECHANISM

### SUB- AND ON-SURFACE DRIPPERLINE FOR

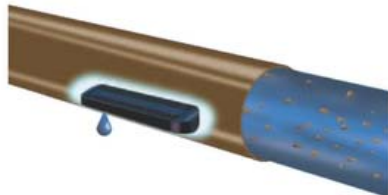
- Slopes
- High wind
- Roof gardens
- Curved, narrow and unshaped areas

### ANTI-SIPHON MECHANISM

The anti-siphon mechanism blocks contaminants from being drawn in to the dripper from outside, making it the ideal dripperline for sub-surface installations



### EXPLODED VIEW OF UNITECHLINE™ AS DRIPPER



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.



## UNITECHLINE™ AS 17 MM

PRESSURE-COMPENSATING, CONTINUOUSLY SELF-CLEANING DRIPPER  
ANTI-SIPHON MECHANISM

### UniTechline™ AS 17012 • Drippers technical data

FLOW RATE L/H	WORKING PRESSURE RANGE (BAR)	WATER PASSAGE DIMENSIONS (MM)			FILTRATION AREA (MM²)	CONSTANT K	EXPONENT* X
		WIDTH	DEPTH	LENGTH			
1.0	0.5 – 4.0	0.83	0.74	40	130	1.0	0
1.6	0.5 – 4.0	1.26	0.70	40	130	1.6	0
2.3	0.5 – 4.0	1.26	1.00	40	130	2.3	0

\*Within working pressure range.

### UniTechline™ AS 17012 • Flow liter/hour per 100 m

DRIPPER SPACING (M)	DRIPPER FLOW RATE (L/H)		
	1.0	1.6	2.3
0.3	333.3	533.3	766.7
0.4	250.0	400.0	575.0
0.5	200.0	320.0	460.0
1.0	100.0	160.0	230.0

### UniTechline™ AS 17012 • Max. lateral length • I.D. Ø 14.60 mm • Inlet pressure 3.0 bar

DRIPPERS FLOW RATE (L/H)	SPACING BETWEEN DRIPPERS (M)			
	0.30	0.40	0.50	1.00
1.0	204	262	316	550
1.6	150	192	233	406
2.3	118	152	184	321

Calculated on a plain area. Minimum pressure considered: 0.5 bar. For more information, please contact Netafim™ technical support.

### UniTechline™ AS 17012 • Dripperline technical data

MODEL	INSIDE Ø (MM)	WALL THICKNESS (MM)	OUTSIDE Ø (MM)	MAX. WORKING PRESSURE (BAR)	KD
17012	14.60	1.2	1700	4.0	1.10





## UNITECHLINE™ AS 17 MM

PRESSURE-COMPENSATING, CONTINUOUSLY SELF-CLEANING DRIPPER  
ANTI-SIPHON MECHANISM

UniTechline™ AS 17012 • Ordering guide • Catalog number 14800 - (any of below 6 digits)

FLOW RATE (L/H)	DISTANCE BETWEEN DRIPPERS (M)																		
	0.30	0.30	0.30	0.30	0.40	0.40	0.40	0.40	0.50	0.50	0.50	0.50	1.00	1.00	1.00	1.00			
1.0																			
1.6			001850	001900	001950			002150	002200	002250			002300	002350	002400		003600	003650	003700
2.3	003830	003850	003900	003950			003980	003990	004000	004030	004050	004100	004200			004950	005000	005100	
COIL LENGTH (M)	25	50	100	400	25	50	100	400	25	50	100	400	25	50	100	400			

\* Missing catalog numbers available upon request

UniTechline™ AS 17012 • Dripplerline package data

WALL THICKNESS (MM)	COIL LENGTH (M)	DISTANCE BETWEEN DRIPPERS (METER)	COIL WEIGHT (KG)	COILS IN A 40 FEET CONTAINER (UNITS)	TOTAL IN A 40 FEET CONTAINER (METERS)	COILS IN A 20 FEET CONTAINER (UNITS)	TOTAL IN A 20 FEET CONTAINER (METERS)
1.2	400	0.2-1.0	22.4	352	140800	176	70400
1.2	100	0.2-1.0	5.7	900	90000	450	45000
1.2	50	0.2-1.0	2.9	1440	72000	720	36000
1.2	25	0.2-1.0	1.5	1920	48000	960	24000



## 17 MM DRIPPERLINE CONNECTORS

### FEATURES & ADVANTAGES

- Barbed fittings ensure secure fit without glue or bands
- Maximum recommended usage pressure: 4.0 bar
- UV-resistant
- Easy to use

### APPLICATIONS

- Fits UniTechline™ AS 17 mm
- 17 mm fittings – brown color













DESCRIPTION	Coupling barb 17 x 17		
CATALOG NUMBERS	1 unit	32500-003800	
	50 units/bag	32500-003910	
	100 units/bag	32500-003820	
DESCRIPTION	Elbow barb 17 x 17		
CATALOG NUMBERS	1 unit	32500-005900	
	50 units/bag	32500-005920	
	100 units/bag	32500-005940	
DESCRIPTION	"T" barb 17 x 17 x 17		
CATALOG NUMBERS	1 unit	32500-004900	
	50 units/bag	32500-004920	
	100 units/bag	32500-004930	
DESCRIPTION	"8" line end 17 mm		
CATALOG NUMBERS	1 unit	32500-013000	
	50 units/bag	32500-013020	
	100 units/bag	32500-013030	
DESCRIPTION	"Cross" barb 17 x 17 x 17 x 17		
CATALOG NUMBERS	1 unit	32500-006300	
	50 units/bag	32500-006320	
	100 units/bag	32500-006330	
DESCRIPTION	Straight barb 17 threaded male 1/2"		
CATALOG NUMBERS	1 unit	32500-004400	
	50 units/bag	32500-004430	
	100 units/bag	32500-004440	
DESCRIPTION	"T" barb 17 x 2 threaded female 1"		
CATALOG NUMBERS	1 unit	32500-005500	
	50 units/bag	32500-005520	
	100 units/bag	32500-005530	

DESCRIPTION	Straight barb 17 threaded male 1/4"		
CATALOG NUMBERS	1 unit	32500-004490	
	50 units/bag	32500-004492	
	100 units/bag	32500-004493	
DESCRIPTION	Elbow barb 17 threaded male 1/2"		
CATALOG NUMBERS	1 unit	32500-006000	
	50 units/bag	32500-006020	
	100 units/bag	32500-006030	
DESCRIPTION	Elbow barb 17 threaded male 1/4"		
CATALOG NUMBERS	1 unit	32500-006100	
	50 units/bag	32500-006120	
	100 units/bag	32500-006130	
DESCRIPTION	"Y" barb 17 threaded male 1/2"		
CATALOG NUMBERS	1 unit	32500-004460	
	50 units/bag	32500-004475	
DESCRIPTION	"Y" barb 17 threaded male 1/4"		
CATALOG NUMBERS	1 unit	32500-004600	
	50 units/bag	32500-004620	
	100 units/bag	32500-004630	
DESCRIPTION	"T" barb 17 threaded male 1/4"		
CATALOG NUMBERS	1 unit	32500-004800	
	50 units/bag	32500-004820	
	100 units/bag	32500-004830	





## 17 MM. DRIPPERLINE FITTINGS , ACCESORIES AND TOOLS

<b>DESCRIPTION</b>	DNL barb 17 adapter FTH 1/2"		
<b>CATALOG NUMBERS</b>	1 unit 50 units/bag 100 units/bag	32500-007560 32500-007562	
<b>DESCRIPTION</b>	DNL - Dripperline non leakage 1/2" male threaded connector, shuts-off at 0.4 bar, black		
<b>CATALOG NUMBERS</b>	1 unit 50 units/bag 100 units/bag	32000-003560	
<b>DESCRIPTION</b>	DNL - Dripperline non leakage 1/2" male threaded connector, shuts-off at 0.2 bar, red		
<b>CATALOG NUMBERS</b>	1 unit 50 units/bag 100 units/bag	32000 - 003550	
<b>DESCRIPTION</b>	DNL - Dripperline non leakage 1/2" male threaded connector, shuts-off at 0.6 bar, brown		
<b>CATALOG NUMBERS</b>	1 unit 50 units/bag 100 units/bag	32000-003570	
<b>DESCRIPTION</b>	Start connector for PE, barb 17		
<b>CATALOG NUMBERS</b>	1 unit 50 units/bag 100 units/bag	32500-006600 32500-006605 32500-006610	
<b>DESCRIPTION</b>	Start for PVC barb 17 w/seal, model P		
<b>CATALOG NUMBERS</b>	1 unit 50 units/bag 100 units/bag	32500-006620 32500-006630	
<b>DESCRIPTION</b>	8 mm hole-puncher for start connectors		
<b>CATALOG NUMBERS</b>	1 unit 50 units/bag 100 units/bag	45000-001400	
<b>DESCRIPTION</b>	8 mm thread in punch for start connectors		
<b>CATALOG NUMBERS</b>	1 unit 50 units/bag 100 units/bag	45000-003150	
<b>DESCRIPTION</b>	Metal stabilizer, 4 mm (height 14 cm)		
<b>CATALOG NUMBERS</b>	1 unit 50 units/bag 100 units/bag	32000-001600	
<b>DESCRIPTION</b>	Stabilizer for 17 mm pipe		
<b>CATALOG NUMBERS</b>	1 unit 50 units/bag 100 units/bag	32000-006500 32000-006510 32000-006520	
<b>DESCRIPTION</b>	Plug		
<b>CATALOG NUMBERS</b>	100 units/bag 1000 units/bag	32000-011000 32000-011050	
<b>DESCRIPTION</b>	Adapter		
<b>CATALOG NUMBERS</b>	100 units/bag 1000 units/bag	32000-011200 32000-011250	

06-0910-LVD-PS-0006-EN

WWW.NETAFIM.COM  
E-MAIL: PRODUCTS\_SOLUTIONS@NETAFIM.COM

7

