

# ZETA-PC

## SELF-CLEANING PRESSURE COMPENSATING DRIP LINE

The most durable Pressure Compensating drip lines, designed for steep and rocky terrain, permanent crops with long laterals, on surface and subsurface applications.

### PRESSURE COMPENSATING (PC)

Zeta PC emitters incorporate a silicone membrane which enables the delivery of precise and equal amounts of water over a broad pressure range. Zeta PC emitters are designed for precision irrigation needs, hard rocky terrain and inclined topography.

## BENEFITS & FEATURES



- ZETA-PC provides equal and precise amounts of water delivered over a broad pressure range.
- ZETA-PC provides a continuous self-cleaning mechanism that ensures non-clogging uninterrupted operation.
- ZETA-PC is manufactured from the finest raw materials that provide durability and long-lasting performance.
- ZETA-PC drippers provide wide and accurate water passages along the labyrinth.

### SPECIFICATIONS

- Available in 2 flow rates 2 and 4 l/h.
- Pressure compensating range according to below models and technical tables.
- Available in variable wall thicknesses 0.90, 1.00, 1.10, 1.20 mm.
- High UV resistance.
- Resistant to all nutrients used in agriculture.
- Injected molded emitters with an excellent coefficient of Variation (CV).
- Excellent for effluent water reuse.
- Special labyrinth design that ensures the high turbulent flow of the water.

### PRODUCT APPLICATION

- Landscaping
- Precision irrigation
- Uneven terrain
- Row crops
- Orchards
- Gardening
- Pulse irrigation
- Suitable for both on surface and subsurface installations (Anti-Siphon)

# ULTRA PC

## ULTRA-PC

16 mm Pressure compensating drip line

### ULTRA-PC-D

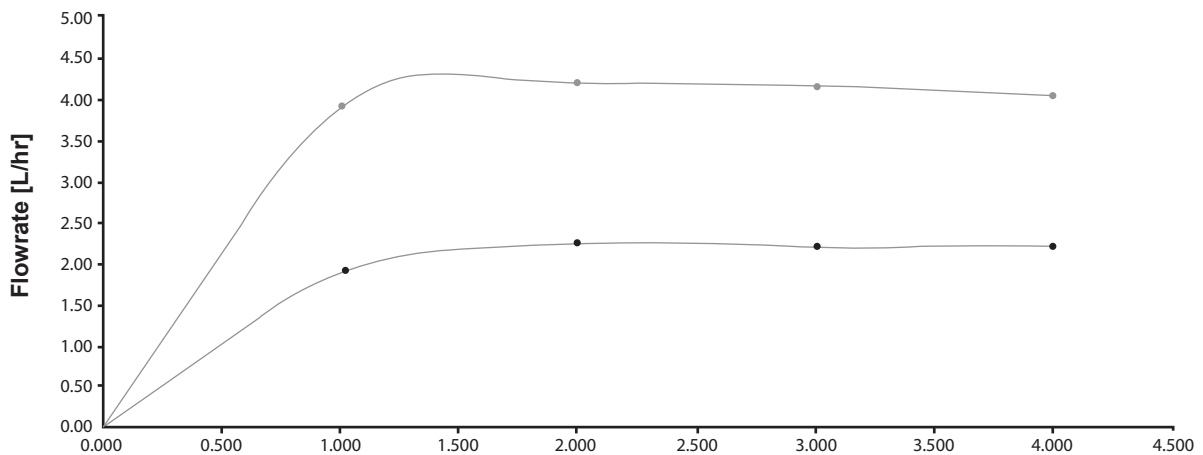
The ULTRA-PC-D 16 mm drip lines come with pressure compensating flow emitters with a self-cleaning silicone rubber diaphragm that regulates water discharge at different pressures. The ULTRA - PC - D is produced at two flow rates 2 and 4 L/h. We recommended using it in hilly areas or on terrains with different levels of inclination.



## Technical Information

Type	Bar				Emitter Spacing (cm)	Wall Thickness (mm)
	1	2	3	4		
	Average Flow Rate (LPH)					
ULTRA-PC-ND-2l/h	2	2	2	2	(15 - 60)	(0.9 - 1.2)
ULTRA-PC-ND4l/h	4	4	4	4	(15 - 60)	(0.9 - 1.2)

## Research and Development Short Test



Model	Flow Rate L/H	Wall Thickness MM	Inside Diameter MM	Outside Diameter MM	Distance Between Drippers CM	Coil Length M	Description	Maximum Working Pressure BAR
20290	2	0.9	13.6	15.4	30	400	ULTRA-PC-ND-16-2-0.9-30	4
20210	2	1.0	13.6	15.6	30	400	ULTRA-PC-ND-16-2-1.0-30	4
20212	2	1.2	13.6	16	30	400	ULTRA-PC-ND-16-2-1.2-30	4
20212-100	2	1.2	13.6	16	30	100	ULTRA-PC-ND-16-2-1.2-30-100	4
20490	4	0.9	13.6	15.4	50	400	ULTRA-PC-ND-16-4-0.9-50	4
230410	4	1.0	13.6	15.6	50	400	ULTRA-PC-ND-16-4-1.0-50	4
20412	4	1.2	13.6	16	50	400	ULTRA-PC-ND-16-4-1.2-50	4
20412-30	4	1.2	13.6	16	30	400	ULTRA-PC-ND-16-4-1.2-30	4

# ULTRA PC-ND

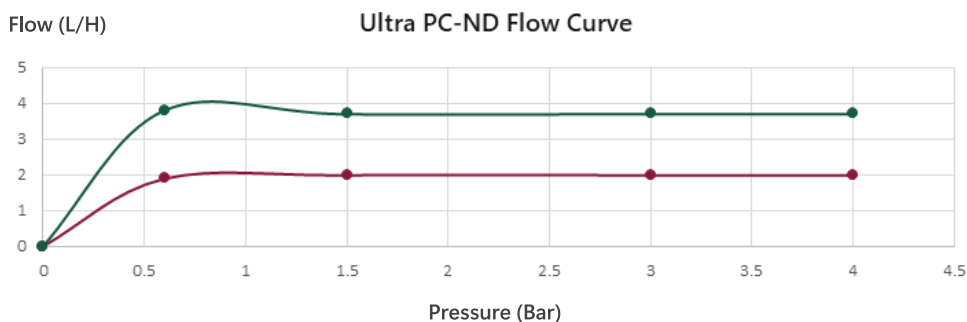
## ULTRA-PC-ND

The ULTRA-PC-ND 16 mm drip lines come with pressure compensating flow emitters with a self-cleaning silicone rubber diaphragm that regulates water discharge at different pressures. The ULTRA-PC-ND remains full of water during irrigation intervals, ensuring immediate and uniform irrigation along the drip line. To achieve the non-drain function, the emitter opens at 0.30 bar and closes at 0.18 bar. The ULTRA-PC-ND is produced at two flow rates 2 and 4 L/h. We recommend using it in hard rocky terrain and included topography.



## Technical Information

Type	Bar				Emitter Spacing (cm)	Wall Thickness (mm)
	1	2	3	4		
	Average Flow Rate (LPH)					
ULTRA-PC-ND-2l/h	2	2	2	2	(15 - 60)	(0.9 - 1.2)
ULTRA-PC-ND4l/h	4	4	4	4	(15 - 60)	(0.9 - 1.2)



Model	Flow Rate L/H	Wall Thickness MM	Inside Diameter MM	Outside Diameter MM	Distance Between Drippers CM	Coil Length M	Description	Maximum Working Pressure BAR
30290	2	0.9	13.6	15.4	30	400	ULTRA-PC-ND-16-2-0.9-30	4
30210	2	1.0	13.6	15.6	30	400	ULTRA-PC-ND-16-2-1.0-30	4
30212	2	1.2	13.6	16	30	400	ULTRA-PC-ND-16-2-1.2-30	4
30212-100	2	1.2	13.6	16	30	100	ULTRA-PC-ND-16-2-1.2-30-100	4
30490	4	0.9	13.6	15.4	50	400	ULTRA-PC-ND-16-4-0.9-50	4
30410	4	1.0	13.6	15.6	50	400	ULTRA-PC-ND-16-4-1.0-50	4
30412	4	1.2	13.6	16	50	400	ULTRA-PC-ND-16-4-1.2-50	4
30412-30	4	1.2	13.6	16	30	400	ULTRA-PC-ND-16-4-1.2-30	4

# ULTRA PC-AS

## ULTRA-PC-AS

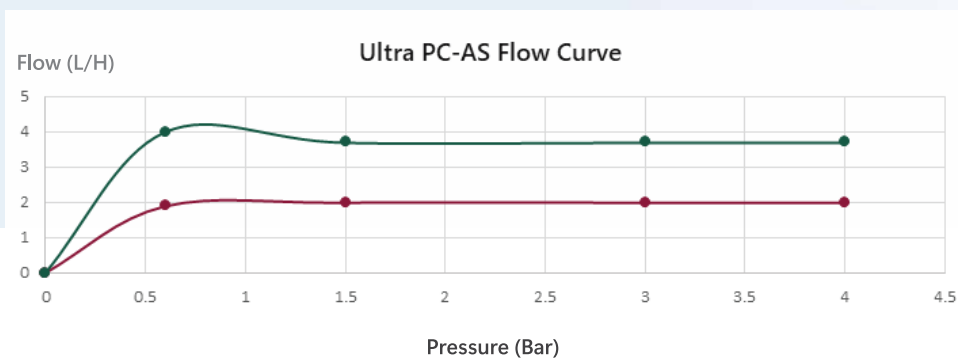
The ULTRA-PC-AS 16 mm drip lines come with pressure compensating flow emitters with a self-cleaning silicone rubber diaphragm that regulates water discharge at different pressures. The ULTRA-PC-AS is a specially designed mechanism that prevents the suction of dirt and impurities into the emitter. The AS feature enables the ULTRA-PC-AS to be installed underground (SDI), perfectly maintaining its irrigation characteristics and its multi-year durability. The ULTRA-PC-AS is produced at two flow rates 2 and 4 L/h. We recommended using it in hard rocky terrain and included topography.



## Technical Information

Type	Bar				Emitter Spacing (cm)	Wall Thickness (mm)
	1	2	3	4		
	Average Flow Rate (LPH)					
ULTRA-PC-ND-2l/h	2	2	2	2	(15 - 60)	(0,9 - 1,2)
ULTRA-PC-ND4l/h	4	4	4	4	(15 - 60)	(0,9 - 1,2)

## ULTRA-PC-AS



Model	Flow Rate L/H	Wall Thickness MM	Inside Diameter MM	Outside Diameter MM	Distance Between Drippers CM	Coil Length M	Description	Maximum Working Pressure BAR
51290	2	0.9	13.6	15.4	30	400	ULTRA-PC-AS-16-2-0.9-30	4
51210	2	1.0	13.6	15.6	30	400	ULTRA-PC-AS-16-2-1.0-30	4
51212	2	1.2	13.6	16	30	400	ULTRA-PC-AS-16-2-1.2-30	4
51212-100	2	1.2	13.6	16	30	100	ULTRA-PC-AS-16-2-1.2-30-100	4
51490	4	0.9	13.6	15.4	50	400	ULTRA-PC-AS-16-4-0.9-50	4
51410	4	1.0	13.6	15.6	50	400	ULTRA-PC-AS-16-4-1.0-50	4
51412	4	1.2	13.6	16	50	400	ULTRA-PC-AS-16-4-1.2-50	4
51412-30	4	1.2	13.6	16	30	400	ULTRA-PC-AS-16-4-1.2-30	4