

ZETA NON-PC

NON-PRESSURE COMPENSATING DRIP LINE

The most durable non-pressure compensating drip lines, suitable for light soil come with an internal filter to avoid clogging or irrigation non-uniformity.

NON-PRESSURE COMPENSATING (PC)

Zeta Non-PC emitters Compact and economical emitters for a wide range of both surface and subsurface applications. Suitable for permanent crops and multi-seasonal usage provides easy and trouble-free installations for inexperienced farmers.

One of the most important elements in the design of an emitter is the flow path. Its width depth and length determine the flow rate of the emitter in liters per hour but most importantly determine their anticlogging ability. A high turbulent flow path design creates a vortex effect inside the emitter and therefore prevents clogging.



BENEFITS AND FEATURES

- ZETA-NON-PC Provides extreme tensile strength since it is produced with high-quality resins. Offers excellent performance on the field due to the flawlessly designed, injected molded emitter with very low CV.
- ZETA-NON-PC design provides high clogging resistance and offers the highest emission uniformity.
- ZETA-NON-PC is manufactured from the finest raw materials that provide durability and long-lasting performance.
- ZETA-NON-PC drippers provide wide and accurate water passages along the labyrinth.

SPECIFICATIONS

- Available in 3 flow rates 2,4 and 8 l/h.
- 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

- Row crops
- Orchards
- Landscaping
- Vegetables
- Gardening
- Suitable for both on surface and subsurface installations

NORD NON-PC

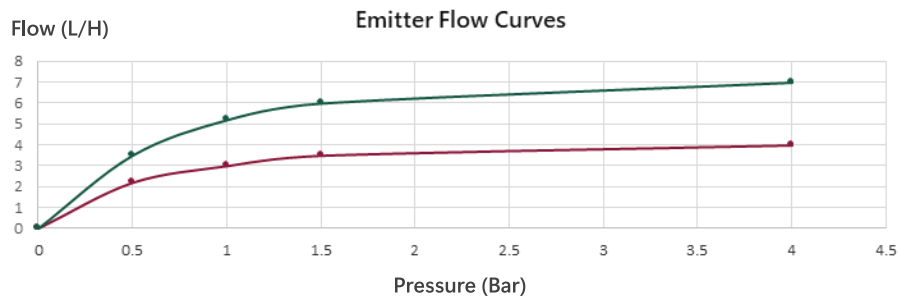
NORD-NON PC

The NORD-NONPC 16 mm drip lines come with non-pressure compensating flow emitters. The NORD-NONPC is suitable for permanent crops and multi-seasonal usage and provides easy and trouble-free installations. The NORD-NONPC is produced in 2 flow rates 2 and 4 L/h. We recommended using it in light soil for multi-seasonal usage.



TECHNICAL INFORMATION

Emitter Specifications						
Nominal Flow Rate (l/h @ 1bar)	Constant k (bar)	Exponent (x)	Coefficient of Variation CV (%)	Water Passage Width x Depth x Length (mm)	Filtration Area (mm ²)	Recommended Filtration (mesh/micron)
2.0	1.98	0.49	1.20	0,95 x 1,00 x 197	20.80	120/130
2.0	3.97	0.49	1.35	1,03 x 1,35 x 143	53.00	120/130



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
50292	2	0.9	13.6	15.4	20	400	NORD-NONPC-16-2-0.9-20	2
50293	2	0.9	13.6	15.4	30	400	NORD-NONPC-16-2-0.9-30	2
50293-100	2	0.9	13.6	15.4	30	100	NORD-NONPC-16-2-0.9-30-100	2
50294	2	0.9	13.6	15.4	40	400	NORD-NONPC-16-2-0.9-40	2
50295	2	0.9	13.6	15.4	50	400	NORD-NONPC-16-2-0.9-50	2
50212	2	1.0	13.6	15.6	20	400	NORD-NONPC-16-2-1.0-20	2
50213	2	1.0	13.6	15.6	30	400	NORD-NONPC-16-2-1.0-30	2
50213-100	2	1.0	13.6	15.6	30	100	NORD-NONPC-16-2-1.0-30-100	2
50214	2	1.0	13.6	15.6	40	400	NORD-NONPC-16-2-1.0-40	2
50215	2	1.0	13.6	15.6	50	400	NORD-NONPC-16-2-1.0-50	2
502112	2	1.1	13.6	15.8	20	400	NORD-NONPC-16-2-1.1-20	2
502113	2	1.1	13.6	15.8	30	400	NORD-NONPC-16-2-1.1-30	2
502114	2	1.1	13.6	15.8	40	400	NORD-NONPC-16-2-1.1-40	2
502115	2	1.1	13.6	15.8	50	400	NORD-NONPC-16-2-1.1-50	2
50492	4	0.9	13.6	15.4	20	400	NORD-NONPC-16-4-0.9-20	2
50493	4	0.9	13.6	15.4	30	400	NORD-NONPC-16-4-0.9-30	2
50493-100	4	0.9	13.6	15.4	30	100	NORD-NONPC-16-4-0.9-30-100	2
50494	4	0.9	13.6	15.4	40	400	NORD-NONPC-16-4-0.9-40	2
50495	4	0.9	13.6	15.4	50	400	NORD-NONPC-16-4-0.9-50	2
50412	4	1.0	13.6	15.6	20	400	NORD-NONPC-16-4-1.0-20	2
50413	4	1.0	13.6	15.6	30	400	NORD-NONPC-16-4-1.0-30	2
50413-100	4	1.0	13.6	15.6	30	100	NORD-NONPC-16-4-1.0-30-100	2
50414	4	1.0	13.6	15.6	40	400	NORD-NONPC-16-4-1.0-40	2
50415	4	1.0	13.6	15.6	50	400	NORD-NONPC-16-4-1.0-50	2
504112	4	1.1	13.6	15.8	20	400	NORD-NONPC-16-4-1.1-20	2
504113	4	1.1	13.6	15.8	30	400	NORD-NONPC-16-4-1.1-30	2
504114	4	1.1	13.6	15.8	40	400	NORD-NONPC-16-4-1.1-40	2
504115	4	1.1	13.6	15.8	50	400	NORD-NONPC-16-4-1.1-50	2

NORD NON PC-FT

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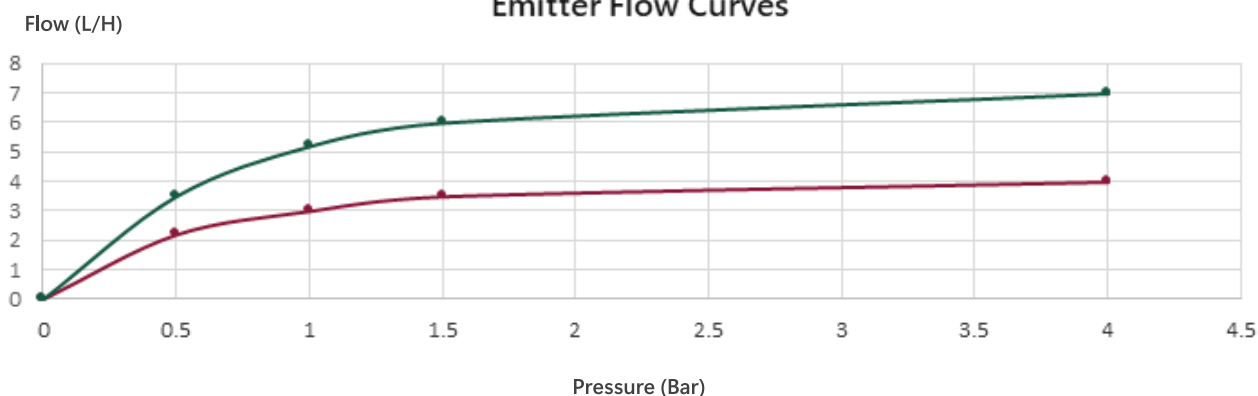
The NORD-NONPC-ft 16 mm drip lines come with non-pressure compensating flow emitters with an internal filter to avoid clogging or irrigation non-uniformity. The NORD-NONPC-ft is suitable for permanent crops and multi-seasonal usage and provides easy and trouble-free installations. The NORD-NONPC-ft produced in 2 flow rates of 4 and 8 L/h. We recommended using it in light soil for multi-seasonal usage.

TECHNICAL INFORMATION

Emitter Specifications						
Nominal Flow Rate (l/h @ 1bar)	Constant k (bar)	Exponent (x)	Coefficient of Variation CV (%)	Water Passage Width x Depth x Length (mm)	Filtration Area (mm ²)	Recommended Filtration (mesh/micron)
2.0	1.98	0.49	1.20	0,95 x 1,00 x 197	20.80	120/130
2.0	3.97	0.49	1.35	1,03 x 1,35 x 143	53.00	120/130



Emitter Flow Curves



NORD NONPC-FT

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
60492	4	0.9	13.6	15.4	20	400	NORD-NONPC-ft-16-4-0.9-20	2
60493	4	0.9	13.6	15.4	30	400	NORD-NONPC-ft-16-4-0.9-30	2
60493-100	4	0.9	13.6	15.4	30	100	NORD-NONPC-ft-16-4-0.9-30-100	2
60494	4	0.9	13.6	15.4	40	400	NORD-NONPC-ft-16-4-0.9-40	2
60495	4	0.9	13.6	15.4	50	400	NORD-NONPC-ft-16-4-0.9-50	2
60412	4	1.0	13.6	15.6	20	400	NORD-NONPC-ft-16-4-1.0-20	2
60413	4	1.0	13.6	15.6	30	400	NORD-NONPC-ft-16-4-1.0-30	2
60413-100	4	1.0	13.6	15.6	30	100	NORD-NONPC-ft-16-4-1.0-30-100	2
60414	4	1.0	13.6	15.6	40	400	NORD-NONPC-ft-16-4-1.0-40	2
60415	4	1.0	13.6	15.6	50	400	NORD-NONPC-ft-16-4-1.0-50	2
604112	4	1.1	13.6	15.8	20	400	NORD-NONPC-ft-16-4-1.1-20	2
604113	4	1.1	13.6	15.8	30	400	NORD-NONPC-ft-16-4-1.1-30	2
604114	4	1.1	13.6	15.8	40	400	NORD-NONPC-ft-16-4-1.1-40	2
604115	4	1.1	13.6	15.8	50	400	NORD-NONPC-ft-16-4-1.1-50	2
60892	8	0.9	13.6	15.4	20	400	NORD-NONPC-ft-16-8-0.9-20	2
60893	8	0.9	13.6	15.4	30	400	NORD-NONPC-ft-16-8-0.9-30	2
60893-100	8	0.9	13.6	15.4	30	100	NORD-NONPC-ft-16-8-0.9-30-100	2
60894	8	0.9	13.6	15.4	40	400	NORD-NONPC-ft-16-8-0.9-40	2
60895	8	0.9	13.6	15.4	50	400	NORD-NONPC-ft-16-8-0.9-50	2
60812	8	1.0	13.6	15.6	20	400	NORD-NONPC-ft-16-8-1.0-20	2
60813	8	1.0	13.6	15.6	30	400	NORD-NONPC-ft-16-8-1.0-30	2
60813-100	8	1.0	13.6	15.6	30	100	NORD-NONPC-ft-16-8-1.0-30-100	2
60814	8	1.0	13.6	15.6	40	400	NORD-NONPC-ft-16-8-1.0-40	2
60815	8	1.0	13.6	15.6	50	400	NORD-NONPC-ft-16-8-1.0-50	2
608112	8	1.1	13.6	15.8	20	400	NORD-NONPC-ft-16-8-1.1-20	2
608113	8	1.1	13.6	15.8	30	400	NORD-NONPC-ft-16-8-1.1-30	2
608114	8	1.1	13.6	15.8	40	400	NORD-NONPC-ft-16-8-1.1-40	2
608115	8	1.1	13.6	15.8	50	400	NORD-NONPC-ft-16-8-1.1-50	2

