

ATP DRIPPING PIPE WITH FAST WATER JETS DRIPPING DEVICE

Dripping pipe made on cylindrical polyethylene pipe with cylindrical dripper with turbulent flows.

The dripper is made with large-section cavities which, by exploiting the turbulence of the flows, reduce the risk of blockages. It is symmetrical, patented and designed to be inseparably welded to the internal wall of the pipe to avoid risks of detachment and breakage. These characteristics make the pipe very resistant to rubbing and crushing on the ground, to mechanical stress during and after installation, and allow the pipe to be rewound and reinstalled using manual and mechanical means.

The smooth walls and uniform thickness of the tube minimize pressure losses, allowing the dripper to be cleaned.

Ideal for multi-year irrigation systems, gently sloping terrain and light sub-irrigation.

The ATP dripping pipe is available in the Normal version, with two outlet holes, and Double, with four water outlet holes, ideal for sandy soils.



APPLICATION FIELDS



tree crops



fertirrigation



multi-season crops



vegetables and fruit



light sub-irrigation



floriculture and gardening



gently sloping soils

FEATURES AND BENEFITS

- Increases in quality and quantity of production thanks to the constant supply of water, calculated according to the needs of the plant
- Water and fertilizers saving whose percentage can be calculated according to the capacity of the dripping device and to the length of the dripping pipe
- Maximum reliability in surface installations, sub-irrigation and slant fields
- High safety against blockages and obstructions, thanks to the advanced structure of the dripping device
- Low labour costs
- 100% recyclable

TECHNICAL SPECIFICATIONS

- Labyrinth with large internal passages
- Dripper welded to the inner wall during extrusion
- Dripper with very low CV (coefficient of variation of production)
- Two different flow rate
- Two types of dripper: Normal with 2 holes, Double with 4 water outlet holes
- Recommended operating pressure: 1.2 bar to 1.5 bar
- Maximum pressure: 2 bar
- Recommended filtration: minimum 130 mesh

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RANGE

Diameter	mm	16 / 20
Dripping device capacity	l/h	2 / 4
Operating pressure	bar	1,2 - 1,5
Maximum pressure	bar	2,0
Spacing	cm	20 - 100
Filtering	mesh	>= 130

ATP dripping pipe is produced with two different types of dripping device for both diameter and for each spacing:

- **Normal:** with two water outlet holes;
- **Double:** with four water outlet holes.

The ATP dripping pipe with Double dripper allows to increase the irrigated surface and it is recommended in cases of sandy soils.

MAXIMUM LENGHT SUGGESTED (m) - SLANT 0%

DIAMETER 16 mm								
FLOW RATE l/h	SPACING (cm)							MAX PRESSURE
	20	30	40	50	60	75	100	
2	75	95	115	130	150	180	200	1,5 bar
4	45	60	70	80	90	100	120	

DIAMETER 20 mm								
FLOW RATE l/h	SPACING (cm)							MAX PRESSURE
	20	30	40	50	60	75	100	
2	100	130	160	180	200	260	280	1,5 bar
4	60	75	90	105	120	150	160	

STANDARD

- UNI EN ISO 9261:2010
- UNI EN ISO 9001:2015
- UNI EN ISO 14001:2015

PACKING

	ROLL LENGHT (m)	
	standard	garden
Ø 16	400	200 / 100 / 50 / 25
Ø 20	300	150 / 100 / 50 / 25

