



## **DRIPPING PIPE**

### **SELF-COMPENSATING, ANTI-SIPHON, ANTI-DRAIN**

*The PC-DRIP ATP AS-DS is a drip irrigation cylindric pipe in polyethylene with fast water jets self-compensating, anti-siphon and anti-drain dripping devices put in the pipe at prearranged distances.*

## **TECHNICAL CHARACTERISTICS**

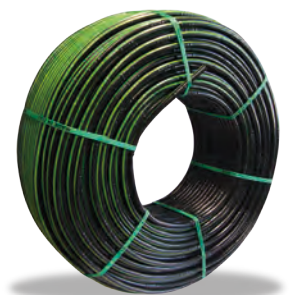
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- *The compensation is regular thanks to the silicone membrane within the dripper, which ensures a constant flow rate when the water pressure changes.*
- *The anti-siphon system prevents soil from being sucked in when emptying of the pipe, thus keeping the dripper always clean.*
- *Thanks to the anti-drainage system, the drop point closes at 0,35 bar to avoid emissions at the end of the irrigation cycle and to reduce the filling time to the next cycle.*

## **ADVANTAGES AND APPLICATIONS**

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- Water flow is uniform even on sloping fields.
- Increase of production quantity and quality because the water supply is calculated according to plants' needs.
- Maximum reliability in surface installations, underground (sub-irrigation) and on sloping fields.
- Highly safe from obstructions and blockage.
- Suitable for: multi-seasonal irrigation systems, irrigation of open fields, greenhouses, vegetables and fruit trees, floriculture and gardening, irrigation of sloping fields, fertirrigation, sub-irrigation and impulse irrigation systems.



### TECHNICAL DATA

ø Nominal	ID	Wall thickness		Flow Rate		Operating Pressure				Filtering
						min		max		
mm	inch	mm	inch	lph	gph	bar	psi	bar	psi	mesh
16	0,59	1,1	0,04	2,0	0,53	1,0	15	4,0	58	130
16	0,59	1,1	0,04	4,0	1,06					
20	0,74	1,3	0,05	2,0	0,53					
20	0,74	1,3	0,05	4,0	1,06					



### MAXIMUM LENGTH SUGGESTED (m)

ø	pres.		cm 20	cm 30	cm 40	cm 50	cm 60	cm 75	cm 100
	bar	psi							
16			2 lph - 0,53 gph						
	1,0	15	56	82	107	131	152	173	231
	1,5	22	62	88	113	137	158	179	237
ID			4 lph - 1,06 gph						
	2,0	29	71	101	130	157	182	206	272
	2,5	36	78	112	143	173	201	227	300
0,59"			4 lph - 1,06 gph						
	3,0	44	84	121	155	187	217	245	324

ø	pres.		cm 20	cm 30	cm 40	cm 50	cm 60	cm 75	cm 100
	bar	psi							
20			2 lph - 0,53 gph						
	1,0	15	61	87	108	129	148	174	213
	1,5	22	78	110	138	164	188	223	273
ID			4 lph - 1,06 gph						
	2,0	29	90	127	159	189	218	257	316
	2,5	36	90	140	176	209	241	284	349
0,74"			4 lph - 1,06 gph						
	3,0	44	107	151	190	227	260	307	378

### PACKAGING

		STANDARD PACKAGING LOAD						NOT STANDARD		
ø	Thickness	Roll lenght		Pallet 41x41x47 inch 105x105x120 cm	Container 20"	Container 40"	TIR 14 m	Roll lenght		
		mm	inch	m	ft	rotoli	rotoli	rotoli	rotoli	m
16	1,1	0,04	400	1312	-	120	400	450	200-100-50-25	
20	1,3	0,05	300	984	-	100	350	400	150-100-50-25	

