



DRIPPING PIPE

SELF-COMPENSATING, ANTI-SIPHON, ANTI-DRAIN

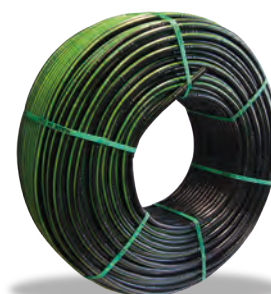
The PC-DRIP ATP AS-DS is a drip irrigation cylindric pipe in polyethylene with fast water jets self-compensating, anti-siphon and anti-drain dripping devices put in the pipe at prearranged distances.

TECHNICAL CHARACTERISTICS

- *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

- 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		Wall thickness		Flow Rate		Operating Pressure				Filtering
						min		max		mesh
mm	inch	mm	inch	lph	gph	bar	psi	bar	psi	
16	1/2"	1,1	0,04	2,0	0,53	1,0	15	4,0	58	130
16	1/2"	1,1	0,04	4,0	1,06					130
20	5/8"	1,3	0,05	2,0	0,53					130
20	5/8"	1,3	0,05	4,0	1,06					130



MAXIMUM LENGTH SUGGESTED (m)

Ø16	pres. (bar)	cm 20	cm 30	cm 40	cm 50	cm 60	cm 75	cm 100
	2 lph - 0,53 gph							
	1,0	56	82	107	131	152	173	231
	1,5	62	88	113	137	158	179	237
	2,0	71	101	130	157	182	206	272
	2,5	78	112	143	173	201	227	300

Ø16	4 lph - 1,06 gph							
	1,0	34	52	68	83	98	112	149
	1,5	40	58	74	89	104	118	155
	2,0	46	66	85	103	119	135	178
	2,5	51	73	94	113	131	149	197
	3,0	55	79	101	122	142	161	213

Ø20	pres. (bar)	cm 20	cm 30	cm 40	cm 50	cm 60	cm 75	cm 100
	2 lph - 0,53 gph							
	1,0	61	87	108	129	148	174	213
	1,5	78	110	138	164	188	223	273
	2,0	90	127	159	189	218	257	316
	2,5	90	140	176	209	241	284	349

Ø20	4 lph - 1,06 gph							
	1,0	57	81	102	121	139	163	201
	1,5	73	103	129	155	177	209	257
	2,0	84	119	149	178	204	241	297
	2,5	93	131	165	197	226	266	328
	3,0	100	141	179	213	244	288	356

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	mm	inch	m	ft	rotoli/rolls	rotoli/rolls	rotoli/rolls	m	
16 1/2"	1,1	0,04	400	1312	-	120	400	450	200-100-50-25
20 5/8"	1,3	0,05	300	984	-	100	350	400	150-100-50-25



CERTIFIED PRODUCT ISO 9261