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# GREENDRIP

— PC — — — — — PC-AS — — — — — PC-ND — — — — —

**PRESSURE COMPENSATING DRIP LINE PC-AS-ND**



*green*   
*irrigation*  
*system*

**THE RAINMAKER**





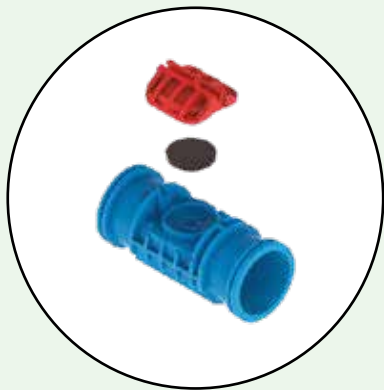
# PRESSURE COMPENSATING DRIP LINE PC-AS-ND



**Greendrip PC** is a drip line containing flow-regulating cylindrical drippers for long term and sub irrigation systems (SDI) on flat grounds and slopes one.

## CHARACTERISTICS AND ADVANTAGES

- **Pressure-compensating system (PC)** ensuring uniform flow rate at wide range of working pressure (1.00 ÷ 3.50 bar)
- **Anti-siphon system (AS)** in sub-irrigation systems, prevents the suction of soil particles in the dripper when the system is turned off
- **No-drain system (ND)** prevents the dripline from emptying by closing the dripper below 0.25 bar. It allows impulse irrigation thanks to the simultaneous opening of all the drippers at a pressure of 0.35 bar
- Emission uniformity on long laterals for flat ground or with strong slopes
- Low technological Variation Coefficient (CV)
- Dripline compliant with UNI EN ISO 9261 standards

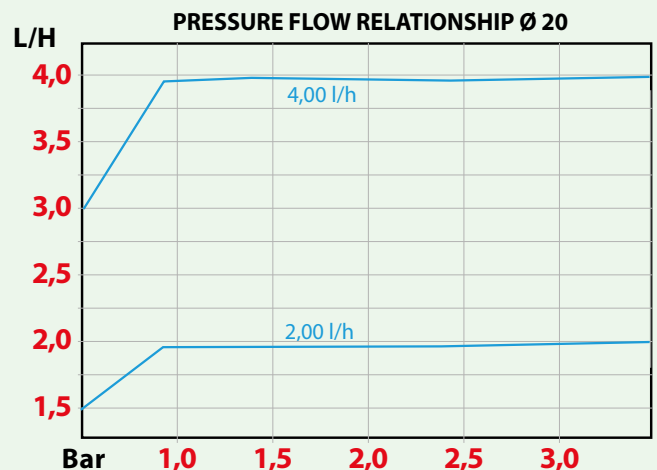
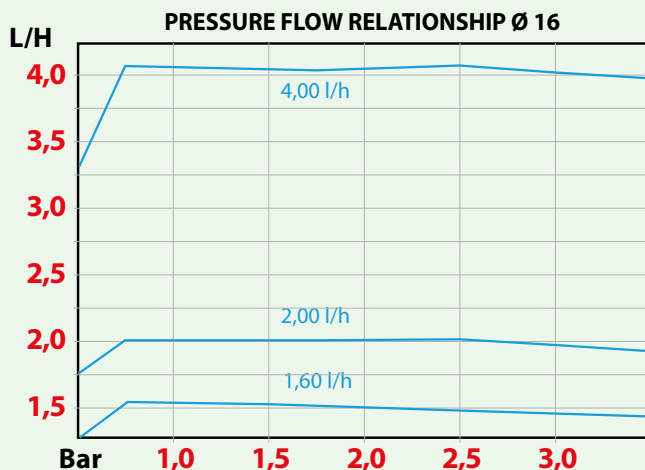


## CHARACTERISTICS OF PIPE AND DRIPPER



Nominal Diameter	Internal Diameter	Thickness		Working pressure	Drippers	Recommended filtration
		mm	mils			
16	13,80	1,00	40	min 0,35 max 3,0 at closure 0,30	1,60	120 mesh
					2,00	
					4,00	
20	18,00	1,10	45	min 0,35 max 3,0 at closure 0,30	2,00	
	17,80					
	4,00					

## PRESSURE FLOW REPORT



## GREENDRIP PC DIAM. 16 mm

Thickness (mm)	Length (mt/roll)
1,0	400

## GREENDRIP PC DIAM. 20 mm

Thickness (mm)	Length (mt/roll)
1,0	300
1,1	300

## PACKAGING

Rolls/pallet	Rolls/Container 20 ft	Rolls/Container 40 ft HC	Rolls for Truck	Rolls mt
16	180	400	342	400
20	180	300	380	300

## CODES FOR ORDERS

Code	Diameter mm	Thickness	Spacing	Flow rate
GRP GRPAS GRPND	16 = 16 20 = 20	1,0 mm = 40	20 cm = 20 30 cm = 30 40 cm = 40 .....	1,5 lt = 15 2,0 lt = 2 4,0 lt = 4
		1,1 mm = 45		

## SAMPLES



# MAXIMUM LENGTH RECOMMENDED ON FLAT GROUND

Distance between drippers (cm)		1,5 lt/h						2,0 lt/h						4,00 lt/h					
Diameter mm	Flow rate lt/h	30	40	50	60	75	100	30	40	50	60	75	100	30	40	50	60	75	100
16	1,0 bar	95	120	145	169	218	262	69	88	105	123	154	184	50	63	77	90	112	134
	2,0 bar	115	148	179	209	270	324	84	108	130	152	191	228	61	78	95	111	139	166
	3,0 bar	136	176	214	248	321	388	103	132	160	187	235	280	75	96	117	137	171	204
	4,0 bar	156	202	246	286	368	445	118	151	183	214	268	319	85	110	132	154	195	232
Diameter mm	Flow rate lt/h	30	40	50	60	75	100	30	40	50	60	75	100	30	40	50	60	75	100
20	1,0 bar	-	-	-	-	-	-	122	154	185	209	259	305	81	102	123	140	173	203
	2,0 bar	-	-	-	-	-	-	153	193	230	263	326	384	102	128	153	175	218	256
	3,0 bar	-	-	-	-	-	-	188	237	282	324	402	472	125	158	188	216	268	315
	4,0 bar	-	-	-	-	-	-	214	259	321	370	458	539	143	180	215	248	305	359



**tape  
line**

**DRIP TAPE**



**drop  
line**

**FLAT DRIP LINE**



**GREENDRIP**

**CYLINDRICAL DRIP LINE**



**THE RAINMAKER**

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