

HEAVY WALL DRIP PIPES

WITH FLAT PC DRIPPERS

First and only
PC dripper using
2 independent
filters



APPLICATIONS

- Number of seasons: multi-season
- Topography: flat and slopy
- Soil types: all
- Placement: on surface / sub-surface
- Greenhouses
- Row crops
- Fruit orchards
- Vineyards
- Olive groves

TECHNICAL DETAILS

Dripper type: integral, flat, pressure-compensated (PC), anti-siphon (AS)

Dripper flow rates in l/h: 1.0 – 1.6 – 2.0 – 3.8

Dripper distance in cm: 15 to 100

Line diameters in mm: 16 – 20

Wall thickness in mm: 0.90 – 1.00 – 1.2

BENEFITS

- Double clogging safety using 2 independent filters
- Added clogging resistance thanks to self-flushing technology
- Prevention of soil-ingestion with large outlet pool
- High precision flow rate throughout a wide range of pressures 0.4 to 4.0 bar
- Extra long lateral lengths due to pressure compensation
- Sub-surface applications possible with available anti-siphon emitters
- Top reliability thanks to top-quality pipe material and injected drippers
- Durable construction against weather conditions, sun and fertilizers
- Easier installation with stripes for markings
- **INRAE**-confirmed flow rate precision and uniformity (National Research Institute for Agriculture, Food and the Environment)



Find the system that suits your crops best from our wide range of drip irrigation technology

PIPELIFE 
always part of your life

TECHNICAL DETAILS

Nominal diameter	Wall thickness (mil)	Wall thickness (mm)	Inside diameter (mm)	Dripper distance (m)	Coil length (m)	Max. working pressure (bar)	Max. flushing pressure (bar)
16	35	0.9	14.2	0.15-1.0	500	3.9	3.9
	40	1	14.2	0.15-1.0	500	4.0	4.6
	45	1.2	14.2	0.15-1.0	400	4.0	5.2
20	35	0.9	17.5	0.15-1.0	300	3.9	3.9
	40	1	17.5	0.15-1.0	300	4.0	4.6
	45	1.2	17.5	0.15-1.0	300	4.0	5.2

Filtration requirements: 100 microns / 150 mesh

Ø16 MAXIMUM LATERAL LENGTH (METERS) AT 2.0 BAR, FLAT TERRAIN

Flow rate (l/h)	Spacing (meters)								
	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
1.0	123	185	236	271	314	361	382	415	467
1.6	92	128	168	201	230	254	279	310	344
2.0	82	116	147	177	203	229	254	277	299
3.8	54	73	95	115	129	148	170	185	196

Ø20 MAXIMUM LATERAL LENGTH (METERS) AT 2.0 BAR, FLAT TERRAIN

Flow rate (l/h)	Spacing (meters)								
	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
1.0	247	319	403	475	523	575	607	668	729
1.6	188	248	300	347	391	433	472	509	545
2.0	165	209	263	290	327	364	416	438	461
3.8	103	139	169	190	229	242	267	296	312