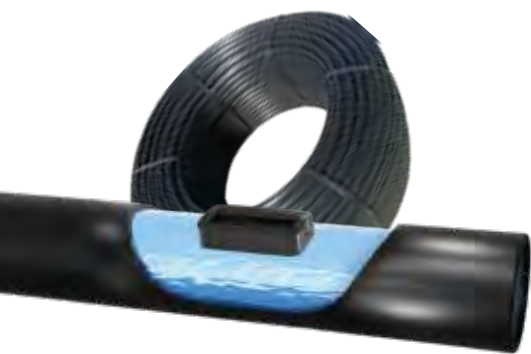




NEW PoliFlat T-450 PC/AS

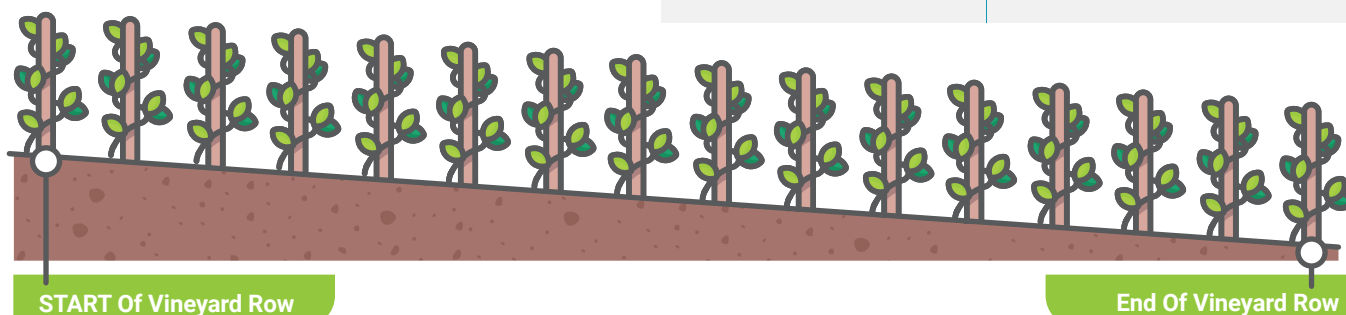
Dripline that achieve uniform flow rates over flat and sloping ground. Ensure crop uniformity over a wide range of conditions with this flow regulating drip line. For use with multi-season vegetables, orchards and vineyards on sloping ground or where extra-long run lengths are required. Available with an anti-siphon option for sandy conditions where soil-suck back is a risk.

Features

- Uniform crops
- More efficient irrigation
- Irrigate longer run lengths with uniformity

Specifications and Technical data

Size	Ø16, Ø20, Ø22 mm
Operating Pressure	0.5 - 3.5 bar (according to type)
Wall thickness	0.65 - 1.1 mm (25 - 45 mil)
Flow rates (l/h)	1.0, 2.0



Elevation: 5.0 m

Pressure: 1.5 bar (the pressure at start of lateral)

Actual flow rate for 2.0 l/h Non-PC drip line: 2.0 l/h

Actual flow rate for 2.0 l/h Polix T-450 PC/AS

T-450 PC/AS drip line: 2.0 l/h

Elevation: 0.0 m (variation -5.0 m)

Lateral length: 125 m

Pressure: 1.9 bar (increased pressure due to gravity)

Actual flow rate for 2.0 l/h Non-PC drip line: 2.5 l/h (+25%)

Actual flow rate for 2.0 l/h Polix T-450 PC/AS

T-450 PC/AS drip line: 2.0 l/h (constant)

PoliFlat T-450 PC/AS Performance and Technical data

Nominal Ø	Wall Thickness		Internal Ø	Flow Rate	Max Operating Pressure	Dripline Coiling	Product Group**		Max. Run Length (m) x Spacing Between Emitters (cm) on Flat Ground										Roll Length*
	mm	mil					mm	mm	PC	PC-AS	15 m	20 m	30 m	40 m	50 m	60 m	70 m	75 m	
16	35	0.89	14.2	1.0	3.0	Flat	4031	5031	116	149	211	268	320	268	414	437	539	450 (≥30cm)	
				2.0	3.0		4032	5032	73	95	134	170	204	235	265	278	346		
	40	1.02		1.0	3.5	Round	4041	5041	124	159	225	285	341	393	442	466	576	500 (≥15cm)	
				2.0	3.5		4042	5042	78	101	143	182	218	251	282	297	369		
20	40	1.02	17.5	1.0	3.5	Round	4131	5131	209	264	364	452	533	608	678	712	869	400 (≥15cm)	
				2.0	3.5		4132	5132	133	168	232	289	341	389	434	456	558		
	45	1.14		1.0	3.5	Round	4141	5141	209	264	364	452	533	608	678	712	869	400 (≥15cm)	
				2.0	3.5		4142	5142	133	168	232	289	341	389	434	456	558		
22	25	0.64	22.2	1.0	2.5	Flat	4211	5211	237	299	410	508	598	680	758	796	970	Consult	
				2.0	2.5		4212	5212	151	190	262	325	382	436	486	510	622		

* Roll length according to emitter spacing

**Product code = 29+Product Group + Spacing (for 100 put 00) PoliFlat T-450 PC d16 30mil 1.00l/h 50cm 450m Code is 29403150

PoliFlat T-450 PC d16 30mil 1.00l/h 100cm 450m Code is 29403100

PC SYSTEM

(PRESSURE COMPENSATING)

for uniform irrigation even with fluctuating pressures within the pipe

- **Application:** Sloping Terrain and Long Laterals

- Pipe drains at system shut down

AS SYSTEM (ANTI-SIPHON)

where the risk of soil ingestion at shut-off is high

- **Application:** SDI, or On Surface with sandy soil
- Water from the pipe slowly drains reducing the suction effect of soil particles into the dripper at system shutdown