



# WATERMIL

## WATERMIL DRIP PC

Durable, multi-season,  
pressure-compensated drip line

### Agriculture is the economic sector that consumes the most water

Watermil DRIP PC is a multi-season, durable and reliable drip line with pressure compensation. It includes a cylindrical dripper with flow regulation, ensuring a constant output from one emitter. This is important especially when working on uneven and sloping terrain, as well as with long lines. The emitters maintain a constant water flow and regulate its flow at various inlet pressures. They are characterized by high resistance to clogging thanks to a self-cleaning mechanism and a large, sectional labyrinth. As in the case of the Watermil DRIP line without pressure compensation, also in this line offers two-hole emitters which ensures the delivery of the right amount of water throughout the irrigation area. Watermil DRIP PC is a line resistant to fertilizers and chemicals commonly used in agriculture. It is also characterized by a higher standard of protection against UV radiation.

The world's water resources are scarce, therefore it has become necessary to develop an efficient and economical method of supplying water to crops. Therefore, we recommend the use of rehydration products that transport the optimal dose of water and maximize its effectiveness.

#### Product characteristics:



Filter at the emitter inlet



Constant outside diameter,  
independent on line wall thickness



UV protection



Resistance to chemicals and liquid  
fertilizers commonly used in agriculture



Wall thickness: 35, 40, 45 mil  
(0,9; 1,0; 1,1 mm)



Emitter efficiency: 1.2; 1.6; 2.2 l/h



Maximum pressure depending  
on wall thickness:  
• 35 mil – 3,0 bar  
• 40–45 mil – 3,5 bar



Operating pressure range: 0.8–3.5 bar





# WATERMIL DRIP PC

Durable, multi-season,  
pressure-compensated  
drip line

## Product characteristics

- Technologically advanced cylindrical emitter equipped with a pressure compensator with silicone membrane.
- New and efficient water streaming mechanism activated with each watering cycle thanks to the improved labyrinth of paths with high bandwidth.
- Two exit holes for each emitter.
- Emitters resistant to temperature changes.
- High-quality raw material with increased strength, which guarantees high resistance to mechanical damage.
- A wide range of diameters, distances between emitters and water expenditure.
- Large range of operating pressure: from 0.8 to 3.5 bar.
- The Watermil DRIP PC line is produced in a modern machine park, and it is tested in one of the best-equipped laboratories in Europe. The carried out tests include: tests for even water outflow from emitters, pressure resistance, tensile strength and many others.

Flow rate (lph)	Distance between emitters (cm)	Pipe diameter 16 mm			Pipe diameter 20 mm		
		Inlet pressure (bar)					
		1,0	2,0	3,0	1,0	2,0	3,0
1.2	33	92	143	172	127	222	273
1.2	40	117	181	219	159	280	344
1.2	50	140	217	262	189	333	409
1.2	60	161	251	303	216	382	470
1.2	80	201	312	378	266	472	582
1.2	100	236	369	447	312	555	684
1.6	33	65	114	139	105	184	226
1.6	40	82	144	177	132	232	285
1.6	50	99	173	213	157	276	340
1.6	60	113	200	245	179	317	391
1.6	80	141	250	306	221	392	484
1.6	100	166	294	363	259	461	569
2.2	33	53	92	113	85	150	184
2.2	40	67	117	144	107	189	232
2.2	50	80	141	173	128	225	276
2.2	60	92	163	200	146	258	318
2.2	80	114	203	250	180	320	394
2.2	100	135	240	295	211	376	463

## Use the line length calculator



The maximum length of the drip depends on its diameter, the desired water output and the distribution of the emitters. If exceeded, the difference in water output between the beginning and the end of the line will be too high and plants will end up being overwatered at one end or underwatered at the other. The drip can be shorter than the threshold values, in which case lines with a higher output can be used to reduce the irrigation time.

## Match the lines to your specific needs

## Modern solutions thanks to the laboratory



Highly qualified staff and specialized equipment in the company's laboratory guarantee constant control over the manufactured assortment. Modern and professional research equipment allows for constant monitoring of production processes, testing technical parameters and functional properties of products. The in-house laboratory is also a testing ground for new solutions developed in accordance with the policy of continuous development.

## Find out more about our laboratory!



### MILEX Professional Irrigation Systems

09-522 Dobrzyków, ul. Obrońców Dobrzykowa 3  
tel.: +48 24 277 52 22, fax: +48 24 277 54 27  
e-mail: milex@milex.pl, www.milex.pl



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