

Online pressure
compensating emitter

**ONE
DROP**

SOAPLAST
ITALIAN DRIPLINES MANUFACTURER

Drip irrigation allows significant water and economic savings, the precise use of water where it is needed offers nourishment to plants and avoids unnecessary waste.

SOAPLAST was one of the first companies in Italy to invest in the search for precision irrigation solutions at the service of agriculture. It has always used high quality raw materials, qualified personnel and advanced machinery.

It offers solutions suitable for all types of crops, topographical conditions, soil and water quality, completely **Made in Italy** and exported to over 30 foreign countries.

*"We believe in **agricultural progress that is respectful of the Earth.**
Our products improve the efficiency of water use in agriculture, so we help farmers get better crops without wasting resources."*



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**ONE
DROP**



**Online
PC/PCND
Dripper**

SOAPLAST
ITALIAN DRIPLINES MANUFACTURER

YOUR
EFFICIENT
**DRIP
SYSTEM**
soaplast.it



Precision irrigation since 1980

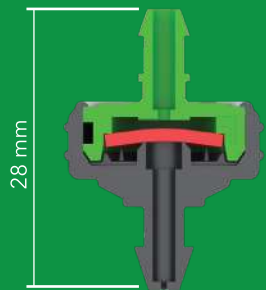
Product description

One-Drop® the pressure-compensating and non-inspectable emitter by Soaplast, represents the latest evolution in the field of online drippers in polypropylene, also available in an no-drain version and with excellent performance, suitable for a wide variety of applications.

One-Drop® has a compact shape of 28mm, consisting of three components, is produced through an advanced ultrasonic welding process:

- 1. The outlet formed by a cylindrical labyrinth with large passages and self-cleaning mechanism, in distinct colors depending on the flow rate;
- 2. The silicone membrane that allows the delivery of precise and equal quantities of water in a wide range of pressure;
- 3. The base whose color varies according to the version.

THE **NO-LEAKAGE** version is designed for advanced impulse irrigation systems where precise opening and closing pressures are required. The hose does not empty at the end of the irrigation cycle and ensures immediate and uniform irrigation, with significant energy savings.



Thanks to its features and ease of installation, it lends itself to a wide variety of applications from domestic gardens to precision agriculture.

IDEAL FOR INTENSIVE AGRICULTURE, GREENHOUSES AND SOILLESS CROPS APPLICATIONS.



Applications

- Greenhouses
- Nurseries
- Orchards
- Uneven land
- Landscaping
- Gardening
- Capillary irrigation
- Soilless crops
- Impulse irrigation



ONE DROP

Features

- Pressure-compensating flow;
- No-Leakage version;
- Not inspectable;
- Wide range of flow rates 2,0 / 4,0 / 8,0 and 24,0 liters per hour;
- Designed for installation in pipes from 12 mm up to 32 mm in diameter and wall thickness from 0.9 mm up to 1.2 mm;
- Wide range of pressure compensation;
- Water inlet at the base in the shape of a cross;
- Wide and precise passages of the labyrinth;
- Continuous self-cleaning mechanism;
- High resistance to UV rays;
- Resistant to standard nutrients used in agriculture;
- Installation with 2.8mm diameter hole.

Accessories

The **One-Drop®** design allows the installation of manifolds with 1, 2 or 4 outlets option, micro-tubes stakes.

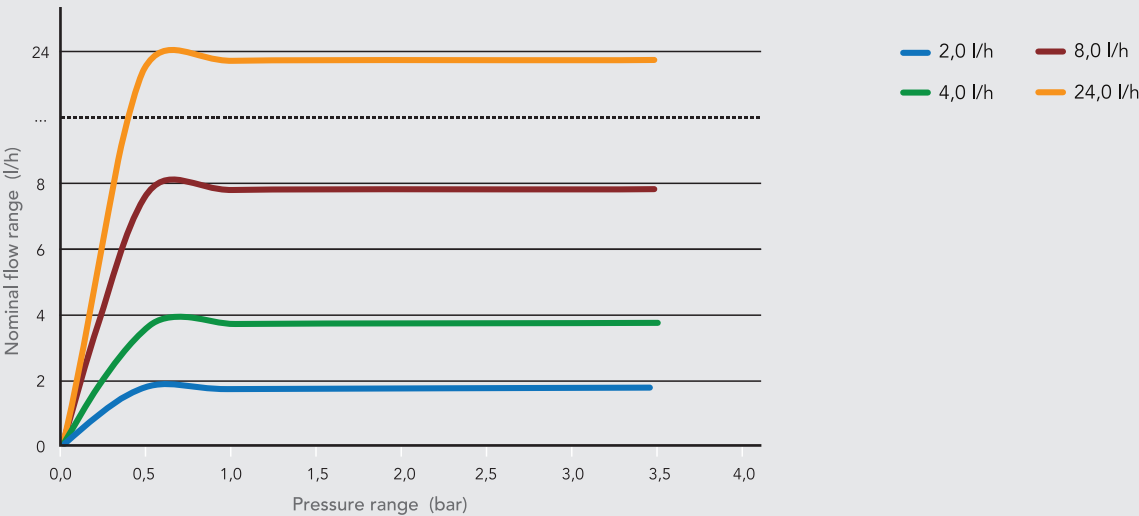


The emitter with a flow rate of 24 l/h is available with a closing cap.

Technical specifications table

Nominal Flow rate L/H	Versiont		Operating pressure range (bar)	Water passages size Width X Depth X Length (mm)	Filtration area (mm²)	Recommended filtration (mesh)
	Regular (black base)	No-Leakage (grey base)				
2,0 LH BLUE			0,5 – 3,5	1,00 x 1,00 x 55,4	3,80	120
4,0 LH GREEN			0,5 – 3,5	1,30 x 1,10 x 50,6	3,80	120
8,0 LH RED			0,5 – 3,5	1,50 x 1,15 x 46,5	3,80	120
24,0 LH ORANGE			0,5 – 3,5	1,35 x 1,20 x 35,0	3,80	120

Table - Pressure (Bar) vs Flow (l/h)



Packaging

BAG	BOX	PALLET	CONTAINER 20ft	CONTAINER 40ft
100 pcs	25 bags 2.500 pcs	120 bags 300.000 pcs	11 pallet 3.300.000 pcs	22 pallet 6.600.000 pcs