

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

Descrizione prodotto

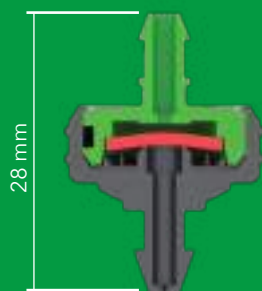
One-Drop® the pressure-compensating and non-inspectable emitter by Soaplast, represents the latest evolution in the field of online drippers, also available in an no-drain version and with excellent performance, suitable for a wide variety of applications.

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, draining or anti-draining.

THE NO-DRAIN 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



Features

Pressure-compensating flow;

Anti-draining 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 and stakes.



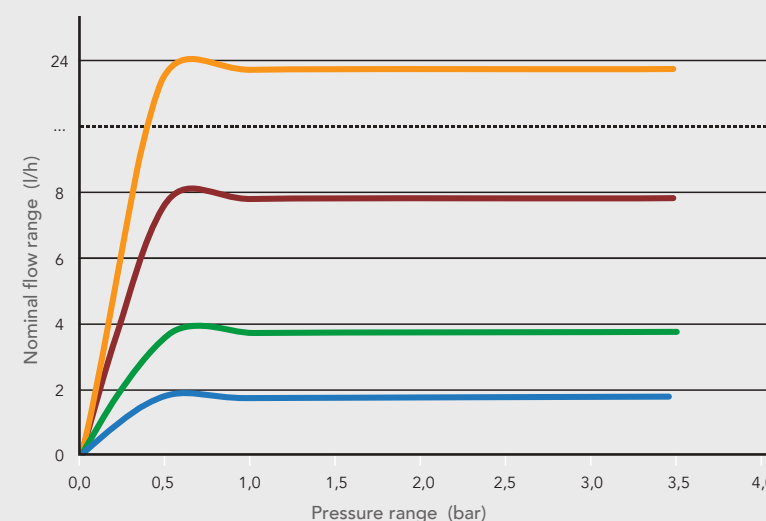
The emitter with a flow rate of 24 l/h is available with a closing cap.



Technical specifications table

Nominal Flow rate L/H	Versiont		Operating pressure range (bar)	Water passages size Width X Depth X Length (mm)	Filtration area (mm ²)	Recommended filtration (mesh/micron)
	Drain (black base)	No-Drain (grey base)				
2,0 LH BLUE			0,5 – 3,5	1,00 x 1,00 x 55,4	3,80	120/130
4,0 LH GREEN			0,5 – 3,5	1,30 x 1,10 x 50,6	3,80	120/130
8,0 LH RED			0,5 – 3,5	1,50 x 1,15 x 46,5	3,80	120/130
24,0 LH ORANGE			0,5 – 3,5	1,35 x 1,20 x 35,0	3,80	120/130

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



— 2,0 l/h — 8,0 l/h
— 4,0 l/h — 24,0 l/h

Pressure range: 0,5 – 3,5 bar
Opening pressure: 0,30 bar
Closing pressure: 0,20 bar

Packaging

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