

# Aquadrop<sup>NANO</sup>®

**LIGHT DRIPLINE**

WITH FLAT ULTRA COMPACT DRIPPER



**PLASTIC-PUGLIA**  
*Irrigation Systems since 1967* ■ ■ ■

COMPLETE SYSTEMS FOR DRIP IRRIGATION

**AQUADROP NANO** is a light dripline made of black polyethylene with flat ultra compact dripper ideal for short spacing and long lines. The labyrinth has been designed to create a **turbulent** flow inside to avoid the formation of dangerous fouling that cause clogging.

The small dimensions of Nano emitter along with its curved edge design provide a very low **KD** factor resulting in extremely low friction losses of water flowing inside the dripline.

TECHNICAL FEATURES	Diameter 16 mm		Diameter 22 mm	
Internal diameter	16,1 mm		22,3 mm	
Thickness	<b>6 mil</b> 0,15 mm	<b>8 mil</b> 0,20 mm	<b>7 mil</b> 0,18 mm	<b>8 mil</b> 0,20 mm
Max working pressure	0,80 bar	1,00 bar	0,80 bar	0,90 bar
Max washing pressure*	0,90 bar	1,20 bar	0,90 bar	1,00 bar
Nominal flow rate (1,0 bar)	<b>0,6 - 1,10 - 1,60 - 2,00 l/h</b>		<b>0,6 - 1,10 - 1,60 - 2,00 l/h</b>	
Dripper spacing	10 ÷ 100 cm		10 ÷ 100 cm	
Reel length	3500 m	3000 m	2500 m	2200 m

\* For a duration of about half an hour with the terminals open

## FEATURES AND BENEFITS

- Hose made of black polyethylene with a blue stripe to indicate the laying upwards on the ground
- Cost efficient, due to its ultra compact design
- Surface or slightly shallow subsurface installation
- Excellent Coefficient of Variation (CV), less than 5% and far superior to labyrinth tape products, due to the long length of the finely tuned labyrinth
- Reduced pressure drops and uniform delivery over long distances
- High resistance to clogging
- High resistance to UV rays, chemicals and acids used in agriculture
- Drip tape compliant with **UNI EN ISO 9261** standards and certified by the **IIP** (Italian Institute of Plastics)

value for  
**water**



**Suitable for horticultural and flower crops in open fields and/or in greenhouses**

