

# Aquadrop<sup>®</sup>

LIGHT DRIPLINE  
WITH FLAT ULTRA COMPACT DRIPPER

## NANO



**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	0,70 bar	0,90 bar	0,80 bar	0,90 bar
Max washing pressure*	0,80 bar	1,00 bar	0,90 bar	1,00 bar
Nominal flow rate (1,0 bar)	<b>0,60 - 0,80 - 1,10 - 1,60 - 2,00 l/h</b>		<b>0,60 - 1,10 - 1,60 - 2,00 l/h</b>	
Dripper spacing	10 ÷ 100 cm		10 ÷ 100 cm	
Reel length	3600 m	3000 m	2500 m	2200 m

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

## FEATURES AND BENEFITS

- Dripline made of black polyethylene with a blue stripe to indicate the laying upwards on the field
- Surface or slightly underground installation
- Low installation and maintenance costs
- Reduced pressure losses and uniform flow over long distances
- Integrated filters that prevent particles from entering the dripper reducing clogging
- High resistance to UV rays, chemicals and acids used in agriculture
- Warranty from 1 to 3 years depending on the thickness
- Dripline compliant with **UNI EN ISO 9261** standards and certified by the **IIP** (Italian Institute of Plastics)



### APPLICATIONS

Ideal for horticultural crops such as watermelons, melons, strawberries, courgettes, peppers, aubergines, potatoes, cucumbers, onions and for growing gerberas, roses, carnations, etc.

