



DRIPPING HOSE WITH LABYRINTH WITH FAST WATER JETS

Dripping hose with continuous labyrinth with fast water-jets, 100% Made in Italy. The hole is a linear cut that opens when the hose is under water-pressure and it closes when the irrigation cycle stops. This avoids particles to enter and cause the dripper occlusion. The labyrinth profile is designed to have fast jets, enable a high flow rate homogeneity and an excellent CV (coefficient of variation).

TECHNICAL SPECIFICATIONS

- It is suitable for fertirrigation thanks to its internal design: in case of chemical residues, fast water-jets give the hole a self-cleaning power (minimum pressure 0,3 bar / 4 psi).
- High flow rate homogeneity thanks to the labyrinth design, that ensures an optimal CV (coefficient of variation).
- The high accuracy and drilling technology allow the right drip for any flow rate.

ADVANTAGES AND APPLICATIONS

- Increase of the irrigated area, thanks to the reduced spacing between the holes, which allows for a homogeneous irrigation even for long distances.
- High resistance to occlusion thanks to the innovative structure of the filter and to the fast water jet inside the hose.
- Low water dispersion in sandy soils.
- High resistance to traction thanks to the use of the best certified raw materials.
- Suitable for different kind of drip irrigation system: one season crops, extensive crops in open field (maize, tobacco, etc.), greenhouses and hydroponic irrigation, floriculture, vegetable and fruit cultivation, protected crops (mulching), fertirrigation, and light sub-irrigation systems.



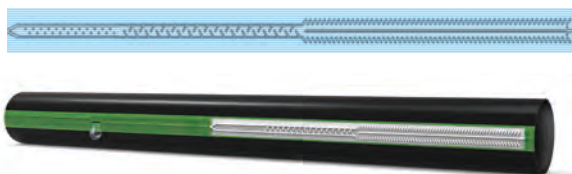
TECHNICAL DATA

ø Nominal	Wall thickness		Operating pressure		
			bar		
mm	mil	mm	min	suggested	max
16	5	0,13	0,3	0,7	1,0
	6	0,15			
	7	0,18			
	8	0,20			
	10	0,25			
22	8	0,20			
	10	0,25			

DRIPPING DEVICE CHARACTERISTICS

Flow rate l/h			Filtering
nominal	0,5 bar	0,7 bar	mesh
0,60	0,54	0,60	150
0,80	0,72	0,80	
1,00	0,90	1,00	120
1,20	1,08	1,20	
1,50	1,35	1,50	
2,00	1,80	2,00	

SELF-CLEANING POWER
(min 0,3 bar / 4 psi)



MAXIMUM LENGTH SUGGESTED (m)

Flow rate l/h	d. 16 mm - 0.7 bar / 10 psi						d. 22 mm - 0.7 bar / 10 psi					
	Spacing (cm)						Spacing (cm)					
	E.U.	10	15	20	30		E.U.	10	15	20	30	
0,6	90%	113	146	177	229		90%	199	257	310	402	
	85%	140	183	219	284		85%	246	319	384	498	
0,8	90%	90	115	140	180		90%	158	201	245	315	
	85%	111	141	172	221		85%	194	248	301	387	
1,0	90%	76	99	119	153		90%	133	174	208	268	
	85%	93	122	146	188		85%	164	213	256	329	
1,2	90%	68	88	105	140		90%	119	154	184	245	
	85%	84	108	129	172		85%	146	189	226	301	
1,5	90%	56	59	68	110		90%	98	103	119	193	
	85%	69	73	84	135		85%	121	127	146	237	
2,0	90%	35	44	55	72		90%	78	83	94	153	
	85%	43	54	68	88		85%	96	107	115	177	

E.U.: Emission Uniformity



PACKAGING

		STANDARD PACKAGING LOAD					NOT STANDARD
Ø	mil	Roll lenght	Pallet 105x105x120 cm	Container 20"	Container 40"	TIR 14 m	Roll lenght
		m	rollos	rollos	rollos	rollos	m
16	5	3655	20	360	880	960	-
	6	3050	20	360	880	960	-
	7	2700	20	360	880	960	-
	8	2300	20	360	880	960	250-100
	10	1830	20	360	880	960	-
22	8	1695	20	320	704	768	-
	10	1340	20	320	704	768	-



CERTIFIED PRODUCT ISO 9261