



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.



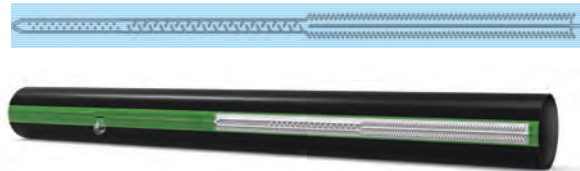
TECHNICAL DATA

Nominal ø		Wall thickness		Operating pressure					
				min		suggested		max	
mm	inch	mil	mm	bar	psi	bar	psi	bar	psi
16	5/8"	5	0,13	0,3	4	0,7	10	1	15
		6	0,15						
		7	0,18						
		8	0,20						
		10	0,25						
22	7/8"	8	0,20	0,3	4	0,7	10	1	15
		10	0,25						

DRIPPING DEVICE CHARACTERISTICS

Flow Rate						Filtering
nominal		0,5 bar	7 psi	0,7 bar	10 psi	mesh
lph	gph	lph	gph	lph	gph	
0,60	0,16	0,54	0,14	0,60	0,16	150
0,80	0,21	0,72	0,19	0,80	0,21	
1,00	0,26	0,90	0,24	1,00	0,26	
1,20	0,32	1,08	0,29	1,20	0,32	120
1,50	0,40	1,35	0,36	1,50	0,40	
2,00	0,53	1,80	0,48	2,00	0,53	

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 5/8"	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 7/8"	8	1695	20	320	704	768	-
	10	1340	20	320	704	768	-



CERTIFIED PRODUCT ISO 9261