

Technical Data

Dripline > Heavy > NEW GR



DESCRIPTION:

Application

- Fruit farming and horticulture
- Flat terrains and non-relevant length fields

Specifics

- **Standard flow-rates:** 2 l/h Ø 16 - 2,2 l/h Ø 20
- 4,0 l/h Ø 16 e Ø 20
- Flow-rates on request: 1,1 l/h
- Increased wall thickness >1mm
- Cylindric dripper with turbulent flow labyrinth and wide passages
- Large dimension intake filter
- Technological variation coefficient CV: 1,5%
- Recommended filtration: 120 micron Q > 2 l/h plus 100 micron

Features

- Coextruded dripper
- High resistance to clogging due to a wide turbulence flow labyrinth
- Water input in the dripper assures to have always the cleanest water
- High-quality materials for long-lasting performances

Materials

- Linear Pe an PeBd pipe
- Polyethylene dripper

NEW GR Ø 16 DRIPLINE - FLOW-RATE 2,0 L/H

mm thickness	cm spacing	Code	Coils mt
1,1	20	TSAP320	400
1,1	30	TSAP321	400
1,1	40	TSAP322	400
1,1	50	TSAP323	400
1,1	60	TSAP324	400
1,1	80	TSAP325	400

NEW GR Ø 20 DRIPLINE - FLOW-RATE 2,2 L/H

mm thickness	cm spacing	Code	Coils mt
1,2	20	TSAP330	300
1,2	30	TSAP331	300
1,2	40	TSAP332	300
1,2	50	TSAP333	300
1,2	60	TSAP334	300
1,2	80	TSAP335	300

Note: For flow-rates different from the above chart, please ask our purchase office

COILS NUMBER PER SHIPMENT

Ø	20 ft HC container	40 ft HC container	Truck
16	180	400	342
20	130	300	380

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TECHNICAL FEATURES

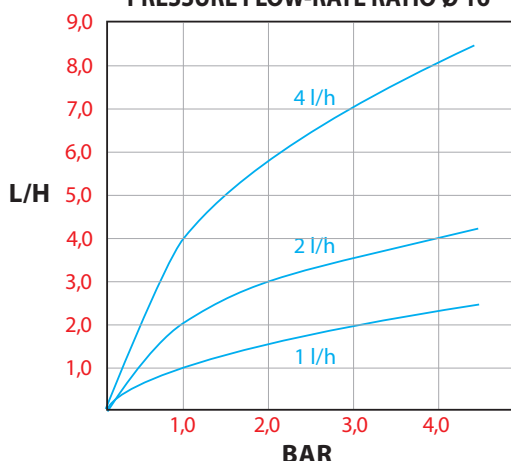
Ø _{nom}	Thickness	Ø _{int}	Ø _{est}	Max P
mm				mH2O
16	1,10	13,70	15,90	45
20	1,25	17,40	19,90	45

PRESSURE/FLOW RATE RATIO

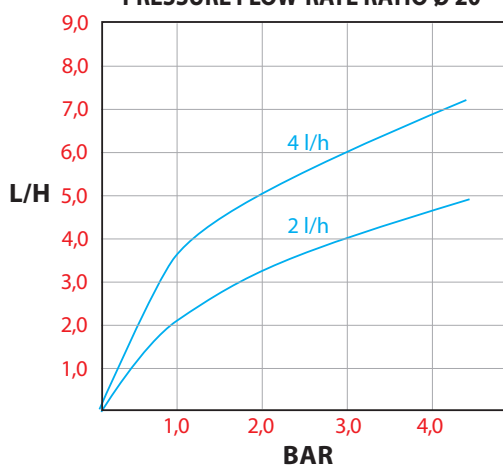
Flow-rate l/h	mH2O				
	5	10	15	20	30
1,1*	0,75	1,00	1,37	1,61	2,0
2,0	1,38	2,00	2,48	2,89	3,6
4,0*	2,83	4,00	4,90	5,65	6,9

* Available on request

PRESSURE FLOW-RATE RATIO Ø 16



PRESSURE FLOW-RATE RATIO Ø 20



DRIPPING LABYRINTH

Dimensions	Flow-rate l/h		
	1	2	4
Depth mm	0,8	0,9	1,3
Width mm	0,8	1	1,1
Filter mm ²	6,4	10,4	15,04

MAXIMUM LENGTHS IN MT RECOMMENDED ON FLAT GROUND (MAX 10% FLOW-RATE DIFFERENCE)

Dripline Ø mm	Incoming pressure bar	Flow-rate drinker lt/h	Spacing among drippers (cm)				
			30	40	50	60	80
16	1,0	1,0	91	113	133	151	186
16	1,0	2,0	62	77	91	104	127
16	1,0	4,0	41	51	61	69	85
20	1,0	2,0	95	117	138	157	191
20	1,0	4,0	72	90	105	119	146