

Technical Data

Dripline > Heavy PC

> PC2



DESCRIPTION:

Application

- Fruit farming, vineyards and olive trees. Ideal on pending grounds or of a relevant lengths

Specifics

- **Standard flow-rates: 1,5 - 2,3 - 3,8 l/h**
- Flow-rates on request: 1,3 l/h
- Self-compensating
- Wall thickness: 1,1 mm and 1,25 mm
- Cylindric dripper with turbulent flow labyrinth and wide passages
- Large dimension intake filter
- Technological variation coefficient CV: 1,5%
- Self-compensation range: 5 ÷ 45 mH2O
- Maximum working pressure: 50 mH2O
- Recommended filtration: 120 micron

Features

- Coextruded dripper
- High resistance to clogging due to a wide turbulence flow labyrinth
- Water intake in the dripper assures to have always the cleanest water
- Double output hole for water supply

Materials

- Linear Pe an PeBd pipe
- Polyethylene dripper
- Silicon membrane

PC2 Ø 16 DRIPLINE - FLOW-RATE 2,3 L/H

mm thickness	cm spacing	Code	Coils mt
1,10	30	TSAU022	400
1,10	40	TSAU023	400
1,10	50	TSAU024	400
1,10	60	TSAU025	400
1,10	80	TSAU026	400

PC2 Ø 20 DRIPLINE - FLOW-RATE 2,3 L/H

mm thickness	cm spacing	Code	Coils mt
1,25	30	TSAU032	300
1,25	40	TSAU033	300
1,25	50	TSAU034	300
1,25	60	TSAU035	300
1,25	80	TSAU036	300

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

COILS NUMBER PER SHIPMENT

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

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TECHNICAL FEATURES

Ø _{nom}	Thickness	Ø _{int}	Ø _{est}	Max P mH2O
mm				
16	1,10	13,80	16,00	45,00
20	1,25	17,60	20,10	45,00

SELF-COMPENSATION RANGE

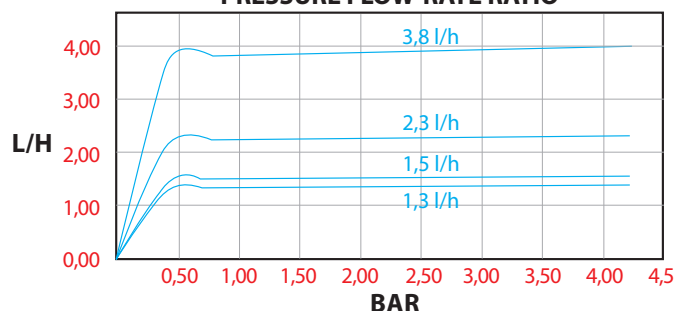
Flow-rate _{nom} l/h	Ø	mH2O
1,30*	16	5 ÷ 45
1,50	20	5 ÷ 45
2,30	16/20	5 ÷ 45
3,80	16/20	5 ÷ 45

*Available on request

DRIPPING LABYRINTH

Dimensions	Flow-rate l/h		
	1	2	4
Depth mm	0,9	1	1,15
Width mm	0,85	0,95	0,95
Filter mm ²	7,43	7,43	7,43

PRESSURE FLOW-RATE RATIO



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

Dripline Ø mm	Spacing among drippers (cm)		30	40	50	60	80	30	40	50	60	80	30	40	50	60	80
	Flow-rate drippers lt/h		1,3					2,3					3,8				
16	Incoming pressure bar	1,5	107	138	166	193	242	77	99	119	138	174	54	69	83	96	121
16		2,0	126	162	196	227	286	91	116	140	163	205	63	81	98	113	142
16		2,5	141	181	219	254	320	101	130	157	182	229	70	90	109	127	159
16		3,0	153	196	237	276	347	110	141	170	197	249	76	98	119	138	174
16		3,5	164	210	254	295	372	118	151	182	211	266	82	105	127	147	186
16		4,0	173	222	268	311	393	124	159	192	223	282	86	111	134	156	196
16		4,5	181	232	281	327	412	130	167	202	234	295	91	116	141	163	206

Dripline Ø mm	Flow-rate drippers lt/h					1,5					2,3					3,8				
20	Incoming pressure bar	1,5	149	191	231	268					116	148	197	208		81	104	125	145	
20		2,0	176	226	272	316					136	175	212	245		95	122	148	171	
20		2,5	197	252	304	353					152	196	236	274		106	136	165	191	
20		3,0	213	274	330	383					166	212	257	298		115	148	179	208	
20		3,5	228	292	353	410					177	227	274	319		123	158	191	222	
20		4,0	241	309	373	433					187	240	290	337		130	167	202	235	
20		4,5	252	324	391	454					196	252	304	353		136	175	212	247	