

Technical Data

Dripline > Heavy PC

> PC2 ND (No-Drain)



DESCRIPTION:

Application

- Appropriate for glasshouses irrigation systems both on and off-ground

Specifics

- **Standard flow-rates: 2,35 l/h (15 cm spacing 1,75 l/h)**
- Flow-rates on request: 1,75 - 3,6 - 3,75 l/h
- Self-compensating
- Anti-draining and anti-siphon
- Wall thickness: 1 and 1,143 mm
- Cylindric dripper with turbulent flow labyrinth and wide passages
- Large dimension intake filter
- Technological variation coefficient CV: 1,5%
- Autocompensation range: 8 ÷ 35 mH2O
- Lock-up pressure: 1 mH2O
- Maximum working pressure: 45 mH2O
- Recommended filtration: 120 micron (140 micron per 1,75 l/h)

Features

- Irrigation stop and starting from all the drippers contemporary
- 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 ND Ø 16 DRIPLINE - FLOW-RATE 2,35 L/H (SPACING 15 CM 1,75 L/H)

mm thickness	cm spacing	Code	Coils mt
1,00	15	TAG459	400
1,00	20	TAG460	400
1,00	30	TAG462	400
1,00	40	TAG464	400
1,00	50	TAG465	400
1,00	60	TAG466	400

PC2 ND Ø 20 DRIPLINE - FLOW-RATE 2,35 L/H

mm thickness	cm spacing	Code	Coils mt
1,00	20	TAG312	300
1,00	30	TAG314	300
1,00	40	TAG315	300
1,00	50	TAG316	300
1,00	60	TAG336	300
1,14	20	TAG330	300
1,14	30	TAG333	300
1,14	40	TAG334	300
1,14	50	TAG335	300
1,14	60	TAG332	300

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

COILS NUMBER PER SHIPMENT

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

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TECHNICAL FEATURES

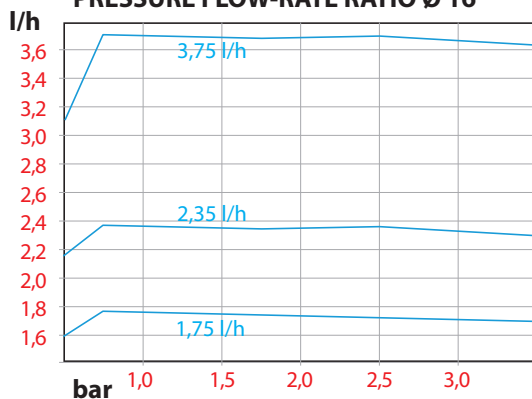
Ø _{nom}	Thickness	Ø _{int}	Ø _{est}	Max P
mm				mH2O
16	1,00	13,80	15,80	45,00
20	1,00	19,88	17,88	40,00
20	1,14	17,60	19,88	45,00

SELF-COMPENSATION RANGE

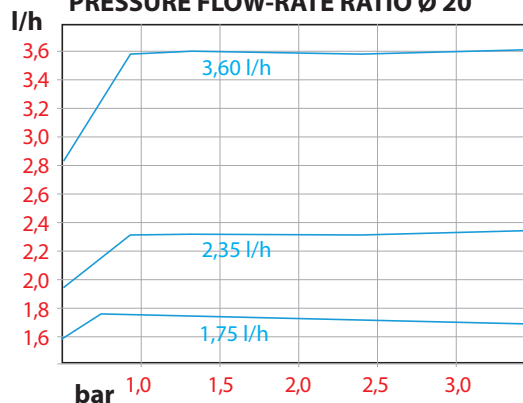
Flow-rate _{nom} l/h	Ø	mH2O
1,75*	16/20	8 ÷ 35
2,35	16/20	8 ÷ 35
3,60*	20	8 ÷ 35
3,75*	16	8 ÷ 35

* Available on request

PRESSURE FLOW-RATE RATIO Ø 16



PRESSURE FLOW-RATE RATIO Ø 20



MAXIMUM LENGTHS IN MT RECOMMENDED N FLAT GROUND

Dripline Ø mm	Spazio tra gocciolatori (cm)		20	30	40	50	60	80	20	30	40	50	60	80	20	30	40	50	60	80
	Flow-rate drippers lt/h		1,75						2,35						3,75					
16	Incoming pressure bar	1	43	62	78	93	107	133	36	51	64	77	88	110	26	37	47	57	65	82
16		2	76	407	136	163	188	235	62	89	112	138	156	194	46	65	83	100	115	144
16		3	92	131	167	201	232	290	76	108	138	166	191	239	56	80	102	122	142	177

Dripline Ø mm	Flow-rate drippers lt/h		1,75						2,35						3,60					
20	Incoming pressure bar	1	71	99	124	148	169	209	54	76	95	113	129	159	44	62	78	93	106	131
20		2	124	174	219	261	299	370	101	141	178	212	244	302	77	109	137	163	188	233
20		3	152	213	269	321	368	457	124	175	220	263	302	374	95	133	168	201	231	286