

New NaanCPC™ -20 mm

PC dripline



Based on the innovative Cascade labyrinth, the NaanCPC 20 mm dripper is the ultimate solution for low-volume irrigation and extra-long fields.



Cascade labyrinth self-cleaning mechanism



Double opposed water inlet



Weir design prevents root intrusion

Applications

- For irrigation of row crops, flowers and vegetables
- For multi-seasonal use in all field conditions

Structure and features

- Strong and robust cylinder structure
- Double outlets and filter inlets
- Improved regulating diaphragm for optimum long-term uniformity and accurate discharge
- Cascade labyrinth for improved self-cleaning
- Weir design reduces sand suction and root penetration
- Symmetrical design enables future punching

Advantages

- Dense dripper spacing and continuous wetted strip
- Longer laterals (up to 40%), for cost-effective installation
- Efficient irrigation with low precipitation rate
- Improved aeration conditions in the root zone
- Pressure regulating range: 0.5-4.0 bar
- Recommended working pressure: 1.0-3.5 bar

Technical data

Wall th.	OD	ID	Operation pressure	Flow rate	Dripper spacing
(mm)			(bar)	(l/h)	(cm)
1.0	19.7	17.7	1.0-3.0	0.95	20-100
1.2	20.4	18.0	1.0-3.5	0.95	20-100

Recommended filtration level - 130 micron (120 mesh)

NaanCPC 20 dripline - 0.9 (white)

Lateral length (m)	Dripper spacing (cm)					
	20	30	40	50	60	70
20						
40	0.2	0.1				
60	0.6	0.2	0.1	0.1		
80	1.4	0.5	0.2	0.1	0.1	0.1
100	2.6	0.9	0.5	0.3	0.2	0.1
120	4.4	1.6	0.8	0.4	0.3	0.2
140	6.9	2.4	1.2	0.7	0.5	0.3
160	10.2	3.6	1.8	1.0	0.7	0.5
180	14.4	5.0	2.5	1.4	0.9	0.7
200	19.5	6.8	3.3	1.9	1.3	0.9
220		9.0	4.4	2.6	1.7	1.2
240		11.6	5.7	3.3	2.2	1.5
260		14.6	7.1	4.1	2.7	1.9
280		18.1	8.8	5.1	3.3	2.4
300		22.1	10.8	6.3	4.1	2.9
320			13.0	7.6	4.9	3.5
340			15.5	9.0	5.9	4.1
360			18.3	10.6	6.9	4.8
380			21.4	12.4	8.1	5.6
400			24.6	14.4	9.3	6.5
420				16.6	10.7	7.5
440				18.9	12.3	8.6
460				21.5	14.0	9.8
480				24.3	15.8	11.0
500				27.4	17.8	12.4

