

NaanPC



State-of-the-art cylindrical PC (Pressure-Compensating) dripper ensures highest durability and excellent performance

APPLICATIONS

- Ideal solution for irrigation in topographically challenging terrain, or where long laterals are required
- For accurate irrigation of orchards, open field crops and greenhouses

STRUCTURE AND FEATURES

- Continuous 16 mm and 20 mm polyethylene dripline with integrated pressure-compensating drippers
- Double water inlets and outlets per dripper
- New formulated silicone diaphragm ensures reliable and accurate performance with diverse water qualities, chemicals and fertilizers
- Individual double filter and flushing mechanism for maximal clog resistance and self-cleaning

NaanPC 16 mm



1.1



1.6



2.2



3.5

NaanPC 20 mm



0.95



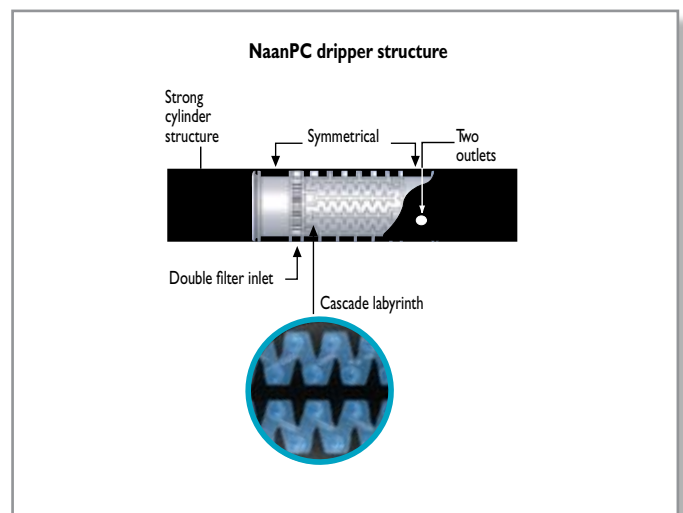
1.6



2.2



3.8



NaanPC Light 16mm

Combines the advantages of a PC dripper with an attractive economical solution



HEAD LOSS (M) IN RELATION TO LATERAL LENGTH (M), DRIPPER FLOW RATE AND SPACING (CM)

NaanPC Light 16/1.25 1.25 l/h, W.T 0.63 mm ID 13.9mm							
Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	0.1						
40	0.7	0.3	0.1	0.1	0.1		
60	2.5	0.9	0.5	0.3	0.2	0.1	0.1
80	5.9	2.2	1.1	0.7	0.5	0.3	0.2
100	11.5	4.2	2.1	1.3	0.9	0.6	0.3
120		7.2	3.6	2.2	1.5	1	0.5
140		11.3	5.7	3.4	2.3	1.6	0.8
160			8.4	5	3.4	2.4	1.1
180			11.9	7.1	4.8	3.4	1.6
200				9.7	6.5	4.6	2.2
220				12.8	8.5	6.1	2.9
240					11	7.8	3.7
260					13.9	9.9	4.6
280						12.3	5.7
300							7
320							8.5
340							10.1
360							11.9

NaanPC Light 16/1.7 1.7 l/h. W.T 0.63 mm ID 13.9mm							
Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	0.2	0.1					
40	1.2	0.5	0.2	0.1	0.1	0.1	
60	4.1	1.5	0.8	0.5	0.3	0.2	0.1
80	9.7	3.5	1.8	1.1	0.7	0.5	0.3
100		6.8	3.4	2	1.4	1	0.5
120		11.7	5.8	3.5	2.4	1.7	0.8
140			9.2	5.5	3.7	2.6	1.3
160				8.1	5.4	3.9	1.8
180				11.5	7.7	5.5	2.6
200					10.4	7.4	3.5
220						9.8	4.6
240						12.5	5.9
260							7.4
280							9.2
300							11.2

NaanPC Light 16/2.5 2.5 l/h, W.T 0.63 mm ID 13.9mm							
Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	0.4	0.1	0.1				
40	3	1.1	0.6	0.3	0.2	0.2	0.1
60	10	3.6	1.8	1.1	0.7	0.5	0.3
80		8.5	4.2	2.5	1.7	1.2	0.6
100			8.2	4.9	3.2	2.3	1.1
120				8.3	5.6	3.9	1.9
140				13	8.7	6.1	2.9
160					12.8	9.1	4.3
180						12.9	6
200							8.1
220							10.7
240							13.8

NaanPC Light 16/3.5 3.5 l/h, W.T 0.63 mm ID 13.9mm							
Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	0.8	0.3	0.1	0.1	0.1		
40	5.8	2.1	1.1	0.6	0.4	0.3	0.2
60		7.1	3.6	2.1	1.4	1	0.5
80			8.2	4.9	3.3	2.3	1.1
100				9.3	6.2	4.4	2.1
120					10.7	7.5	3.6
140						11.7	5.5
160							8.1
180							11.4

NaanPC

TECHNICAL DATA

Product name	Wall thickness (mm)	ID (mm)	OD (mm)	Nominal flow rate (l/h)	Pressure regulating range (bar)	Max pressure (bar)	Connector Type	
NaanPC 16/1.1	0.90	13.9	15.7	1.2	0.5-3.0	3.0	Barb 16	
	1.00		15.9	1.2	0.5-3.5	3.5		
	1.15		16.2	1.1	0.5-3.5	3.5		
NaanPC 16/1.6	0.90	13.9	15.7	1.6	0.5-3.0	3.0		
	1.00		15.9	1.6	0.5-3.5	3.5		
	1.15		16.2	1.6	0.5-3.5	3.5		
NaanPC 16/2.2	0.90	13.9	15.7	2.3	0.5-3.0	3.0		
	1.00		15.9	2.3	0.5-3.5	3.5		
	1.15		16.2	2.2	0.5-3.5	3.5		
NaanPC 16/3.5	0.90	13.9	15.7	3.5	0.7-3.0	3.0		
	1.00		15.9	3.5	0.7-3.5	3.5		
	1.15		16.2	3.5	0.7-3.5	3.5		
NaanPC light 16/1.25	0.63	13.9	15.2	1.25	0.5-2.0	2.0		Barb 16
NaanPC light 16/1.7	0.63	13.9	15.2	1.7	0.5-2.0	2.0		
NaanPC light 16/2.5	0.63	13.9	15.2	2.5	0.5-2.0	2.0		
NaanPC light 16/3.5	0.63	13.9	15.2	3.5	0.7-2.0	2.0		
NaanPC 20/0.95	1.00	17.7	19.7	0.95	0.7-3.0	3.0	Barb 20	
	1.20		20.1	0.95	0.7-3.5	3.5		
NaanPC 20/1.6	1.00	17.7	19.7	1.6	0.5-3.0	3.0		
	1.20		20.1	1.6	0.5-3.5	3.5		
NaanPC 20/2.2	1.00	17.7	19.7	2.3	0.5-3.0	3.0		
	1.20		20.1	2.2	0.5-3.5	3.5		
NaanPC 20/3.8	1.00	17.7	19.7	4.0	0.5-3.0	3.0		
	1.20		20.1	3.8	0.5-3.5	3.5		



NAANPC PACKAGING AND SHIPPING

Nominal diameter (mm)	Wall thickness (mm)	Standard coil length (m)	Coils per 20 ft. container	Coils per 40 ft. container	Coils per 40 ft. HC container
16	0.65	500	135	280	320
16	0.90	400	165	350	395
16	1.00	400	165	350	395
16	1.15	400	165	350	395
20	1.00	300	120	270	300
20	1.20	300	130	290	320

