

# HEAVY WALL PC FLAT DRIP LINE TopDrip PC & PC AS



## Applications

- Row crops and vegetables
- For orchards and other multi-seasonal applications
- Subsurface drip irrigation (SDI)
- Variable topography
- Irrigation of long rows with high uniformity

## Structure and Features

- Accurate pressure-compensating dripper
- Low CV: 3.0%
- Cascade labyrinth incorporated for maximal clog resistance
- Protection from root intrusion
- Unique double self-cleaning mechanism
- Large water passages for optimal durability at low flow rates
- Multiple channel water inlet for operation under heavy dirt load
- Close dripper spacing creates a continuous wetted strip

## Technical Data

- Flow rate: 0.6, 1.0, 1.6, 2.0, 2.2, 3.5 l/h
- Pressure regulating range: 0.4-4.0 bar
- Operating pressure: 0.4-4.0 bar, according to wall thickness
- Wall thickness: 0.9-1.2 mm
- Recommended filtration: 130 micron (120 mesh)

Innovative, cost effective, heavy duty pressure-compensating (PC) and anti-syphon (PC AS) heavy wall drip line models based on the cascade labyrinth

**TopDrip PC**



0.6, 1.0, 1.6, 2.0, 2.2, 3.5 l/h

**TopDrip PC AS**



0.6, 1.0, 1.6, 2.0, 2.2, 3.5 l/h



## TopDrip Flow Rate Color Codes

Dripper Flow rate (l/h)	Dripper Body color	Dripper Cover color
0.6	Light green	Orange
0.6	Light green	Blue
1.0	Grey	Orange
1.0	Grey	Blue
1.6	Light brown	Orange
1.6	Light brown	Blue
2.0	Yellow	Orange
2.0	Yellow	Blue
2.2	Light blue	Orange
2.2	Light blue	Blue
3.5	Light orange	Orange
3.5	Light orange	Blue

# HEAVY WALL PC FLAT DRIP LINE

## TopDrip PC & PC AS



### Technical Data

Nominal diameter (mm)	Wall thickness		OD (mm)	ID (mm)	Maximum Pressure (bar)	KD	Connector type Barbs
	(mm)	(mil)					
16	0.90	35	15.70	13.9	4.0	0.575	.
16	1.00	40	15.90	13.9	4.0	0.575	.
16	1.15	45	16.20	13.9	4.0	0.575	.
17	0.90	35	16.20	14.4	4.0	0.48	.
17	1.00	40	16.40	14.4	4.0	0.48	.
17	1.20	47	17.00	14.4	4.0	0.48	.
20	1.00	40	19.70	17.70	4.0	0.35	.
20	1.20	47	20.10	17.70	4.0	0.35	.

### TopDrip HD Packaging and Shipping

#### Carton spools

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	0.90	400	320	640	720
16	1.00	400	320	640	720
17	0.65	600	320	640	720
17	0.90	400	320	640	720
17	1.00	400	320	640	720
20	0.90	300	320	640	720
20	1.00	300	320	640	720

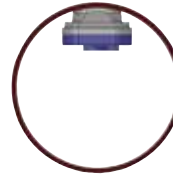
#### Coils

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	0.90	500	150	320	360
16	1.00	500	150	320	360
16	1.15	500	150	320	360
17	0.90	500	150	320	360
17	1.00	500	150	320	360
17	1.20	500	150	320	360
20	1.00	300	150	345	365
20	1.20	300	150	345	365

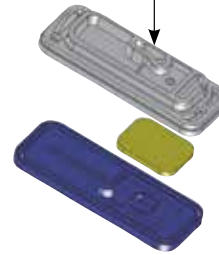
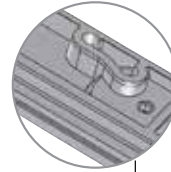
\* Dropper spacing can affect coil length.

#### 3 Parts-Upper View

Shallow profile reduces head losses  
Raised water inlet reduces clogging

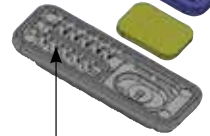
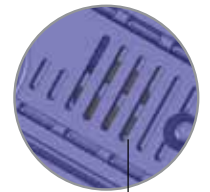


Weir design prevents root intrusion and sand suction

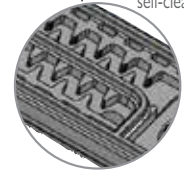


#### 3 Parts-Bottom View

Multi-channel: three-dimensional water inlets and eleven independent entrances



Cascade labyrinth, wide water passages and strong self-cleaning operation







# HEAVY WALL PC FLAT DRIP LINE

## TopDrip PC & PC AS

### Head Loss (m) in Relation to Lateral Length (m), Dripper Flow Rate and Spacing (cm)

TopDrip HD 20mm 0.6l/h W.T 0.9-1.2 ID 17.7										
Lateral length(m)	Dripper spacing (cm)									
	0.15	0.2	0.3	0.4	0.5	0.6	0.75	0.8	0.9	1
20										
40	0.2	0.1								
60	0.4	0.2	0.1	0.1						
80	0.9	0.5	0.2	0.1	0.1					
100	1.6	0.9	0.4	0.2	0.1	0.1	0.1			
120	2.6	1.4	0.6	0.3	0.2	0.1	0.1	0.1	0.1	
140	3.9	2.1	0.9	0.5	0.3	0.2	0.1	0.1	0.1	0.1
160	5.5	2.9	1.2	0.7	0.4	0.3	0.2	0.2	0.1	0.1
180	7.5	4	1.7	0.9	0.6	0.4	0.3	0.2	0.2	0.1
200	9.8	5.3	2.2	1.2	0.8	0.5	0.3	0.3	0.2	0.2
220	12.7	6.8	2.9	1.6	1	0.7	0.4	0.4	0.3	0.2
240	15.9	8.6	3.7	2	1.3	0.9	0.6	0.5	0.4	0.3
260	19.7	10.7	4.5	2.5	1.6	1.1	0.7	0.6	0.5	0.4
280		13	5.5	3	1.9	1.3	0.9	0.7	0.6	0.5
300		15.6	6.7	3.7	2.3	1.6	1	0.9	0.7	0.6
320		18.5	7.9	4.4	2.8	1.9	1.2	1.1	0.9	0.7
340			9.3	5.2	3.3	2.3	1.4	1.3	1	0.8
360			10.9	6	3.8	2.6	1.7	1.5	1.2	1
380			12.6	7	4.4	3.1	2	1.7	1.4	1.1
400			14.5	8	5.1	3.5	2.3	2	1.6	1.3
420			16.5	9.2	5.8	4	2.6	2.3	1.8	1.5
440			18.7	10.4	6.6	4.6	2.9	2.6	2	1.7
460				11.8	7.5	5.2	3.3	2.9	2.3	1.9
480				13.2	8.4	5.8	3.7	3.3	2.6	2.1
500				14.8	9.4	6.5	4.2	3.7	2.9	2.4

TopDrip 20, 1.0l/h, W.T 0.9-1.2mm, ID 17.7										
Lateral length(m)	Dripper spacing									
	0.15	0.2	0.3	0.4	0.5	0.6	0.75	0.8	0.9	1
20										
40	0.3	0.1								
60	0.8	0.4	0.2	0.1	0.1					
80	1.9	0.9	0.4	0.2	0.1	0.1				
100	3.7	1.8	0.7	0.4	0.2	0.1	0.1	0.1	0.1	0.1
120	6.4	3.1	1.2	0.6	0.4	0.3	0.2	0.1	0.1	0.1
140	10	4.8	1.8	0.9	0.6	0.4	0.2	0.2	0.2	0.1
160	14.8	7.2	2.7	1.4	0.9	0.6	0.4	0.3	0.2	0.2
180	20.9	10.1	3.8	2	1.2	0.8	0.5	0.4	0.3	0.3
200	28.6	13.8	5.2	2.7	1.6	1.1	0.7	0.6	0.5	0.4
220		18.2	6.8	3.5	2.1	1.4	0.9	0.8	0.6	0.5
240		23.5	8.8	4.5	2.8	1.9	1.2	1	0.8	0.6
260		29.8	11.1	5.7	3.5	2.3	1.5	1.3	1	0.8
280			13.8	7.1	4.3	2.9	1.8	1.6	1.2	1
300			16.9	8.7	5.3	3.5	2.2	1.9	1.5	1.2
320			20.4	10.5	6.3	4.3	2.6	2.3	1.8	1.5
340			24.4	12.5	7.6	5.1	3.2	2.7	2.2	1.7
360			28.8	14.7	8.9	6	3.7	3.2	2.5	2
380				17.2	10.4	7	4.3	3.8	3	2.4
400				20	12.1	8.1	5	4.4	3.4	2.8
420				23	13.9	9.3	5.8	5.1	4	3.2
440				26.4	15.9	10.7	6.6	5.8	4.5	3.6
460					18.1	12.1	7.5	6.6	5.1	4.1
480					20.5	13.7	8.5	7.4	5.8	4.7
500					23.1	15.5	9.6	8.4	6.5	5.2

TopDrip 20, 1.6l/h, W.T 0.9-1.2mm, ID 17.7										
Lateral length(m)	Dripper spacing									
	0.15	0.2	0.3	0.4	0.5	0.6	0.75	0.8	0.9	1
20	0.1									
40	0.6	0.3	0.1	0.1						
60	2.1	1.0	0.4	0.2	0.1	0.1	0.1	0.1		
80	4.8	2.3	0.9	0.5	0.3	0.2	0.1	0.1	0.1	0.1
100	9.3	4.5	1.7	0.9	0.5	0.4	0.2	0.2	0.2	0.1
120	15.8	7.7	2.9	1.5	0.9	0.6	0.4	0.3	0.3	0.2
140	25.0	12.0	4.5	2.3	1.4	1.0	0.6	0.5	0.4	0.3
160		17.8	6.7	3.4	2.1	1.4	0.9	0.8	0.6	0.5
180		25.1	9.4	4.8	2.9	2.0	1.2	1.1	0.8	0.7
200			12.8	6.5	4.0	2.7	1.7	1.5	1.1	0.9
220			16.9	8.6	5.2	3.5	2.2	1.9	1.5	1.2
240			21.7	11.1	6.7	4.5	2.8	2.4	1.9	1.5
260			27.4	14.0	8.5	5.7	3.5	3.1	2.4	1.9
280				17.4	10.5	7.0	4.4	3.8	3.0	2.4
300				21.3	12.8	8.6	5.3	4.7	3.6	2.9
320				25.6	15.5	10.4	6.4	5.6	4.4	3.5
340					18.4	12.4	7.7	6.7	5.2	4.2
360					21.8	14.6	9.0	7.9	6.2	4.9
380					25.5	17.0	10.5	9.2	7.2	5.8
400						19.8	12.2	10.7	8.3	6.7
420						22.7	14.1	12.3	9.6	7.7
440						26.0	16.1	14.0	10.9	8.8
460							18.3	15.9	12.5	10.0
480							20.7	18.0	14.1	11.3
500							23.3	20.3	15.8	12.7

TopDrip 20, 2.0l/h, W.T 0.9-1.2mm, ID 17.7										
Lateral length(m)	Dripper spacing (cm)									
	0.15	20	30	40	50	60	75	80	90	100
20	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
40	1	0.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
60	2.9	1.6	0.7	0.4	0.3	0.2	0.1	0.1	0.1	0.1
80	6.2	3.4	1.5	0.8	0.5	0.4	0.3	0.2	0.2	0.2
100	11.2	6.1	2.7	1.5	1	0.7	0.5	0.4	0.3	0.3
120	18.2	9.9	4.3	2.4	1.5	1.1	0.7	0.6	0.5	0.4
140		15	6.5	3.7	2.3	1.6	1.1	1	0.8	0.6
160		21.6	9.4	5.3	3.4	2.4	1.5	1.4	1.1	0.8
180			12.9	7.2	4.6	3.3	2.1	1.9	1.5	1.2
200			17.2	9.7	6.2	4.3	2.8	2.5	2	1.6
220			22.3	12.5	8	5.6	3.6	3.2	2.6	2.1
240				15.9	10.2	7.1	4.6	4.1	3.2	2.6
260				19.8	12.7	8.9	5.8	5.1	4	3.3
280				24.3	15.6	10.9	7	6.2	4.9	4
300					18.8	13.2	8.5	7.5	6	4.9
320					22.5	15.7	10.2	9	7.2	5.8
340						18.6	12	10.6	8.5	6.9
360						21.8	14.1	12.4	9.9	8.1
380						25.3	16.4	14.5	11.6	9.4
400							18.9	16.7	13.3	10.8
420							21.7	19.1	15.2	12.4
440							24.7	21.7	17.3	14.1
460								24.6	19.7	16
480									22.1	18
500									24.5	20.2

TopDrip 20, 2.2l/h, W.T 0.9-1.2mm, ID 17.7										
Lateral length(m)	Dripper spacing (cm)									
	0.15	20	30	40	50	60	75	80	90	100
20	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
40	1.2	0.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1	0.1
60	3.6	1.8	0.8	0.5	0.3	0.2	0.2	0.2	0.1	0.1
80	7.2	3.9	1.7	1	0.6	0.5	0.3	0.3	0.2	0.2
100	13.1	7.1	3.1	1.7	1.1	0.8	0.5	0.5	0.4	0.3
120	21.3	11.6	5.1	2.8	1.8	1.3	0.8	0.7	0.6	0.5
140		17.7	7.7	4.3	2.8	1.9	1.3	1.1	0.9	0.7
160		25.4	11	6.2	4	2.8	1.8	1.6	1.3	1
180			15.2	8.5	5.5	3.8	2.5	2.2	1.7	1.4
200			20.3	11.4	7.3	5.1	3.3	2.9	2.3	1.9
220				14.8	9.5	6.7	4.3	3.8	3	2.5
240				18.8	12	8.4	5.4	4.8	3.8	3.1
260				23.4	15	10.5	6.8	6	4.8	3.9
280					18.4	12.9	8.3	7.3	5.8	4.8
300					22.3	15.6	10.1	8.9	7.1	5.8
320						18.6	12.1	10.6	8.5	6.9
340						22	14.2	12.6	10	8.2
360						25.9	16.7	14.7	11.7	9.6
380							19.5	17.1	13.7	11.1
400							22.4	19.8	15.8	12.8
420							25.7	22.6	18.1	14.7
440								25.8	20.5	16.7
460									23.3	19
480										21.3
500										23.9

TopDrip HD 20mm 3.5l/h W.T 0.9-1.2 ID 17.7										
Lateral length(m)	Dripper spacing (cm)									
	0.15	0.2	0.3	0.4	0.5	0.6	0.75	0.8	0.9	1
20	0.4	0.2	0.1	0.1						
40	2.6	1.4	0.6	0.3	0.2	0.1	0.1	0.1	0.1	0.1
60	7.5	4	1.8	1	0.6	0.4	0.3	0.2	0.2	0.2
80	16	8.7	3.8	2.1	1.4	0.9	0.6	0.5	0.4	0.3
100		15.9	7	3.9	2.5	1.7	1.1	1	0.8	0.6
120			11.4	6.4	4.1	2.9	1.8	1.6	1.3	1
140			17.3	9.7	6.3	4.4	2.8	2.5	2	1.6
160										

# TopDrip



Innovative, cost effective, pressure-compensating (PC) and anti-syphon (PC AS) thin to medium wall drip line models based on the cascade labyrinth



**TopDrip PC**

0.6, 1.0, 1.6, 2.0, 2.2, 3.5 l/h



**TopDrip PC AS**

0.6, 1.0, 1.6, 2.0, 2.2, 3.5 l/h

## Applications

- Row crops like Sugercane, vegetables etc.
- Subsurface drip irrigation (SDI)
- Variable topography
- Irrigation of long rows with high uniformity

## Structure and Features

- Accurate pressure-compensating dripper
- Low CV: 3.0%
- Cascade labyrinth incorporated for maximal clog resistance
- Protection from root intrusion
- Unique double self-cleaning mechanism
- Allows longer laterals with EU of 95%
- Large water passages for optimal durability at low flow rates
- Multiple channel water inlet for operation under heavy dirt load
- Close dripper spacing creates a continuous wetted strip

## Technical Data

Nominal diameter	Wall thickness		ID (mm)	OD (mm)	Max. Pressure (bar)	KD	Conectors
	mil	mm					Tape
12	13	0.33	12.46	11.8	1.5	1.03	•
	15	0.38	12.56	11.8	2.0	1.03	•
	18	0.45	12.70	11.8	2.2	1.03	•
	25	0.63	13.06	11.8	3.0	1.03	•
16	13	0.33	16.2	16.86	1.4	0.4	•
	15	0.38	16.2	16.96	1.8	0.4	•
	18	0.45	15.8	16.70	2.0	0.4	•
	25	0.63	15.6	16.86	2.5	0.4	•
22	13	0.33	22.2	22.86	1.2	0.3	•
	15	0.38	22.2	22.96	1.4	0.3	•
	18	0.45	22.2	23.10	1.7	0.3	•
	25	0.63	22.2	23.46	2.0	0.3	•

## TopDrip Packaging and Shipping

Carton spools						
Nominal diameter (mm)	Wall thickness (mil)	Standard coil* length (m)	Coils per pallet	Coils per 20 ft. container	Coils per 40 ft. container	Coils per 40 ft. HC container
12	13	1250	16	320	640	720
	15	1250	16	320	640	720
	18	1000	16	320	640	720
	25	700	16	320	640	720
16	13	1250	16	320	640	720
	15	1250	16	320	640	720
	18	1150	16	320	640	720
	25	600	16	320	640	720
22	13	550	16	320	640	720
	15	500	16	320	640	720
	18	450	16	320	640	720
	25	375	16	320	640	720

\* Dripper spacing can affect coil length.

## Special Model

- PC AS: Anti-syphon design prevents suction at draining stage
- Recommended for subsurface drip irrigation

THIN TO MEDIUM WALL PC FLAT DRIP LINE

# TopDrip 12 mm

## Head Loss (m) in Relation to Lateral Length (m), Dripper Flow Rate and Spacing (cm)

**TopDrip-12 0.6 l/h W.T 13 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.2	0.1					
40	1	0.4	0.2	0.1	0.1	0.1	
60	2.7	1.1	0.6	0.3	0.2	0.2	0.1
80		2.3	1.2	0.7	0.5	0.3	0.2
100		4.1	2.1	1.3	0.8	0.6	0.3
120			3.4	2	1.4	1	0.5
140				3.1	2.1	1.5	0.7
160				4.4	2.9	2.1	1
180					4	2.9	1.3
200						3.8	1.8
220						4.9	2.3
240							2.9

**TopDrip-12 0.6 l/h W.T 15 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.2	0.1					
40	1	0.4	0.2	0.1	0.1	0.1	
60	2.7	1.1	0.6	0.3	0.2	0.2	0.1
80	5.8	2.3	1.2	0.7	0.5	0.3	0.2
100		4.1	2.1	1.3	0.8	0.6	0.3
120		6.5	3.4	2	1.4	1	0.5
140		9.8	5.1	3.1	2.1	1.5	0.7
160			7.2	4.4	2.9	2.1	1
180			9.9	6	4	2.9	1.3
200				7.9	5.3	3.8	1.8
220					6.9	4.9	2.3
240					8.7	6.2	2.9
260						7.7	3.6
280						9.4	4.4
300							5.3
320							6.3
340							7.5
360							8.7

**TopDrip-12 0.6 l/h W.T 18 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.2	0.1					
40	1	0.4	0.2	0.1	0.1	0.1	
60	2.7	1.1	0.6	0.3	0.2	0.2	0.1
80	5.8	2.3	1.2	0.7	0.5	0.3	0.2
100	10.3	4.1	2.1	1.3	0.8	0.6	0.3
120		6.5	3.4	2	1.4	1	0.5
140		9.8	5.1	3.1	2.1	1.5	0.7
160			7.2	4.4	2.9	2.1	1
180			9.9	6	4	2.9	1.3
200				7.9	5.3	3.8	1.8
220					10.2	6.9	4.9
240						8.7	6.2
260						10.8	7.7
280						9.4	4.4
300						11.3	5.3
320							6.3
340							7.5
360							8.7
380							10.1
400							11.6

**TopDrip-12 0.6 l/h W.T 25 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.1	0.1					
40	0.8	0.3	0.2	0.1	0.1		
60	2.3	0.9	0.5	0.3	0.2	0.1	0.1
80	5	2	1	0.6	0.4	0.3	0.1
100	8.9	3.5	1.8	1.1	0.8	0.5	0.3
120	14.3	5.7	3	1.8	1.2	0.9	0.4
140		8.5	4.5	2.7	1.9	1.3	0.6
160		12.2	6.4	3.9	2.6	1.9	0.9
180		16.6	8.8	5.4	3.7	2.6	1.2
200			11.6	7.1	4.8	3.5	1.6
220			15	9.2	6.2	4.5	2.1
240			18.9	11.6	7.9	5.6	2.7
260				14.4	9.8	7	3.3
280				17.6	11.9	8.6	4.1
300					14.4	10.3	4.9
320					17.1	12.4	5.9
340						14.5	6.9
360						17	8.1
380						19.6	9.4
400							10.8
420							12.3
440							14
460							15.8
480							17.8
500							19.9

**TopDrip 12 1.0 l/h, W.T 13 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.4	0.1	0.1	0.0	0.0	0.0	0.0
40	2.2	0.8	0.4	0.3	0.2	0.1	0.1
60	6.2	2.4	1.3	0.8	0.5	0.4	0.2
80		5.2	2.7	1.6	1.1	0.8	0.4
100		9.3	4.8	2.9	2.0	1.4	0.6
120			7.8	4.8	3.2	2.3	1.1
140				7.2	4.8	3.5	1.6
160				10.3	6.9	4.9	2.3
180					9.5	6.8	3.2
200						9.0	4.2
220							5.5
240							6.9
260							8.6
280							10.6

**TopDrip 12 1.0 l/h, W.T 15 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.4	0.1	0.1	0.0	0.0	0.0	0.0
40	2.2	0.8	0.4	0.3	0.2	0.1	0.1
60	6.2	2.4	1.3	0.8	0.5	0.4	0.2
80	13.1	5.2	2.7	1.6	1.1	0.8	0.4
100		9.3	4.8	2.9	2.0	1.4	0.6
120		15.0	7.8	4.8	3.2	2.3	1.1
140			11.8	7.2	4.8	3.5	1.6
160				10.3	6.9	4.9	2.3
180				14.1	9.5	6.8	3.2
200					12.6	9.0	4.2
220						11.7	5.5
240						14.8	6.9
260							8.6
280							10.6
300							12.7
320							15.2

**TopDrip 12 1.0 l/h, W.T 18 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.4	0.1	0.1	0.0	0.0	0.0	0.0
40	2.2	0.8	0.4	0.3	0.2	0.1	0.1
60	6.2	2.4	1.3	0.8	0.5	0.4	0.2
80	13.1	5.2	2.7	1.6	1.1	0.8	0.4
100		9.3	4.8	2.9	2.0	1.4	0.6
120		15.0	7.8	4.8	3.2	2.3	1.1
140			11.8	7.2	4.8	3.5	1.6
160				16.8	10.3	6.9	4.9
180					14.1	9.5	6.8
200						12.6	9.0
220						16.3	11.7
240						14.8	6.9
260							8.6
280							10.6
300							12.7
320							15.2
340							17.9

**TopDrip 12 1.0 l/h, W.T 25 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.3	0.1	0.1	0.0	0.0	0.0	0.0
40	1.9	0.7	0.4	0.2	0.2	0.1	0.1
60	5.3	2.1	1.1	0.7	0.5	0.3	0.2
80	11.3	4.5	2.4	1.5	1.0	0.7	0.3
100	20.3	8.1	4.3	2.6	1.8	1.3	0.6
120		13.2	7.0	4.3	2.9	2.1	1.0
140		19.8	10.5	6.5	4.4	3.1	1.5
160			15.0	9.3	6.3	4.5	2.1
180			20.6	12.7	8.6	6.2	2.9
200				16.9	11.4	8.3	3.9
220					21.8	14.8	10.7
240						18.7	13.5
260						23.3	16.8
280							20.6
300							24.8
320							14.2
340							16.7
360							19.6
380							22.7

**TopDrip 12 1.6 l/h, W.T 13 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.8	0.3	0.2	0.1	0.1	0.0	0.0
40	4.6	1.8	0.9	0.6	0.4	0.3	0.1
60		5.2	2.7	1.7	1.1	0.8	0.4
80		11.1	5.8	3.6	2.4	1.7	0.8
100			10.6	6.4	4.3	3.1	1.5
120				10.5	7.1	5.1	2.4
140					10.7	7.7	3.6
160						11.0	5.2
180							7.1
200							9.5

**TopDrip 12 1.6 l/h, W.T 15 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.8	0.3	0.2	0.1	0.1	0.0	0.0
40	4.6	1.8	0.9	0.6	0.4	0.3	0.1
60	13.2	5.2	2.7	1.7	1.1	0.8	0.4
80		11.1	5.8	3.6	2.4	1.7	0.8
100			10.6	6.4	4.3	3.1	1.5
120				10.5	7.1	5.1	2.4
140				15.9	10.7	7.7	3.6
160					15.3	11.0	5.2
180						15.1	7.1
200							9.5
220							12.4
240							15.7

**TopDrip 12 1.6 l/h, W.T 18 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.8	0.3	0.2	0.1	0.1	0.0	0.0
40	4.6	1.8	0.9	0.6	0.4	0.3	0.1
60	13.2	5.2	2.7	1.7	1.1	0.8	0.4
80		11.1	5.8	3.6	2.4	1.7	0.8
100			10.6	6.4	4.3	3.1	1.5
120				17.1	10.5	7.1	5.1
140				15.9	10.7	7.7	3.6
160					15.3	11.0	5.2
180						15.1	7.1
200							9.5
220							12.4
240							15.7

**TopDrip 12 1.6 l/h, W.T 25 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.7	0.3	0.1	0.1	0.1	0.0	0.0
40	4.0	1.6	0.8	0.5	0.3	0.2	0.1
60	11.4	4.6	2.4	1.5	1.0	0.7	0.3
80	24.3	9.					

THIN TO MEDIUM WALL PC FLAT DRIP LINE

# TopDrip 12 mm

## Head Loss (m) in Relation to Lateral Length (m), Dripper Flow Rate and Spacing (cm)

**TopDrip 12 2.0 l/h, W.T 13 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	1.1	0.4	0.2	0.1	0.1	0.1	0.0
40	6.6	2.6	1.4	0.8	0.5	0.4	0.2
60		7.5	3.9	2.4	1.6	1.2	0.5
80			8.5	5.2	3.5	2.5	1.2
100				9.4	6.3	4.5	2.1
120					10.3	7.4	3.5
140							5.3
160							7.6
180							10.5

**TopDrip 12 2.0 l/h, W.T 15 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	1.1	0.4	0.2	0.1	0.1	0.1	0.0
40	6.6	2.6	1.4	0.8	0.5	0.4	0.2
60		7.5	3.9	2.4	1.6	1.2	0.5
80			8.5	5.2	3.5	2.5	1.2
100			15.3	9.4	6.3	4.5	2.1
120				15.3	10.3	7.4	3.5
140					15.6	11.2	5.3
160							7.6
180							10.5
200							14.0

**TopDrip 12 2.0 l/h, W.T 18 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	1.1	0.4	0.2	0.1	0.1	0.1	0.0
40	6.6	2.6	1.4	0.8	0.5	0.4	0.2
60		7.5	3.9	2.4	1.6	1.2	0.5
80			16.1	8.5	5.2	3.5	1.2
100				15.3	9.4	6.3	4.5
120					15.3	10.3	7.4
140						15.6	11.2
160							16.1
180							10.5
200							14.0

**TopDrip 12 2.0 l/h, W.T 25 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	0.9	0.4	0.2	0.1	0.1	0.1	0.0
40	5.7	2.3	1.2	0.7	0.5	0.4	0.2
60	16.4	6.6	3.5	2.2	1.5	1.0	0.5
80		14.2	7.5	4.6	3.1	2.3	1.1
100		25.6	13.7	8.5	5.7	4.1	2.0
120			22.3	13.8	9.4	6.8	3.2
140				21.0	14.3	10.3	4.9
160					20.5	14.8	7.1
180						20.5	9.8
200							13.1
220							17.0
240							21.6

**TopDrip 12 2.2 l/h, W.T 13 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	1.3	0.5	0.3	0.2	0.1	0.1	0.0
40	7.7	3.0	1.6	1.0	0.6	0.5	0.2
60		8.8	4.6	2.8	1.9	1.4	0.6
80			9.9	6.1	4.1	2.9	1.4
100				11.0	7.4	5.3	2.5
120						8.7	4.1
140							6.3
160							9.0

**TopDrip 12 2.2 l/h, W.T 15 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	1.3	0.5	0.3	0.2	0.1	0.1	0.0
40	7.7	3.0	1.6	1.0	0.6	0.5	0.2
60		8.8	4.6	2.8	1.9	1.4	0.6
80			9.9	6.1	4.1	2.9	1.4
100				11.0	7.4	5.3	2.5
120					12.1	8.7	4.1
140						13.2	6.3
160							9.0
180							12.4

**TopDrip 12 2.2 l/h, W.T 18 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	1.3	0.5	0.3	0.2	0.1	0.1	0.0
40	7.7	3.0	1.6	1.0	0.6	0.5	0.2
60		8.8	4.6	2.8	1.9	1.4	0.6
80			9.9	6.1	4.1	2.9	1.4
100				18.0	11.0	7.4	5.3
120					18.0	12.1	8.7
140							13.2
160							9.0
180							12.4
200							16.6

**TopDrip 12 2.2 l/h, W.T 25 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	1.1	0.4	0.2	0.1	0.1	0.1	0.0
40	6.6	2.6	1.4	0.9	0.6	0.4	0.2
60	19.2	7.7	4.1	2.5	1.7	1.2	0.6
80		16.6	8.8	5.5	3.7	2.7	1.3
100			16.1	10.0	6.8	4.9	2.3
120				16.3	11.1	8.0	3.8
140					24.7	16.8	12.2
160						24.1	17.5
180							24.1
200							15.5
220							20.1
240							25.6

**TopDrip-12 3.5 l/h W.T 13 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	2.7	1.1	0.6	0.3	0.2	0.2	0.1
40			3.5	2.1	1.4	1	0.5
60					4.1	3	1.5
80							3.2

**TopDrip-12 3.5 l/h W.T 15 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	2.7	1.1	0.6	0.3	0.2	0.2	0.1
40		6.6	3.5	2.1	1.4	1	0.5
60				6.1	4.1	3	1.5
80					9.1	6.6	3.2
100							5.8
120							9.4

**TopDrip-12 3.5 l/h W.T 18 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	2.7	1.1	0.6	0.3	0.2	0.2	0.1
40		6.6	3.5	2.1	1.4	1	0.5
60			10.2	6.1	4.1	3	1.5
80					9.1	6.6	3.2
100						11.8	5.8
120							9.4

**TopDrip-12 3.5 l/h W.T 25 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	2.4	0.9	0.5	0.3	0.2	0.2	0.1
40	14.1	5.8	3.1	1.9	1.3	1	0.5
60		17	9.1	5.5	3.8	2.7	1.4
80			19.4	12	8.3	6	2.9
100					15.1	10.9	5.4
120						18	8.8
140							13.4
160							19.3



THIN TO MEDIUM WALL PC FLAT DRIP LINE

# TopDrip 16 mm

## Head Loss (m) in Relation to Lateral Length (m), Dripper Flow Rate and Spacing (cm)

**TopDrip-16 0.6 l/h W.T 13-15 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	0.1	0.1					
60	0.4	0.2	0.1	0.1			
80	0.9	0.3	0.2	0.1	0.1	0.1	
100	1.5	0.6	0.3	0.2	0.1	0.1	
120	2.5	1	0.5	0.3	0.2	0.2	0.1
140	3.7	1.5	0.8	0.5	0.3	0.2	0.1
160		2.2	1.2	0.7	0.5	0.4	0.2
180		3	1.6	1	0.7	0.5	0.2
200		3.9	2.1	1.3	0.9	0.6	0.3
220			2.7	1.7	1.2	0.8	0.4
240			3.5	2.2	1.5	1.1	0.5
260			4.3	2.7	1.8	1.3	0.6
280				3.3	2.2	1.6	0.8
300				3.9	2.7	2	1
320				4.7	3.2	2.3	1.1
340					3.8	2.8	1.3
360					4.4	3.2	1.6
380						3.7	1.8
400						4.3	2.1
420						4.9	2.4
440							2.7
460							3.1
480							3.5
500							3.9

**TopDrip-16 0.6 l/h W.T 18 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	0.1	0.1					
60	0.4	0.2	0.1	0.1			
80	0.9	0.4	0.2	0.1	0.1	0.1	
100	1.6	0.7	0.4	0.2	0.1	0.1	0.1
120	2.6	1.1	0.6	0.4	0.2	0.2	0.1
140	3.9	1.6	0.9	0.5	0.4	0.3	0.1
160	5.6	2.3	1.2	0.8	0.5	0.4	0.2
180	7.7	3.2	1.7	1.1	0.7	0.5	0.3
200		4.2	2.3	1.4	1	0.7	0.3
220		5.4	2.9	1.8	1.3	0.9	0.4
240		6.8	3.7	2.3	1.6	1.2	0.6
260		8.5	4.6	2.9	2	1.4	0.7
280			5.6	3.5	2.4	1.8	0.9
300			6.8	4.3	2.9	2.1	1
320			8.1	5.1	3.5	2.6	1.2
340			9.6	6	4.1	3	1.5
360				7	4.8	3.5	1.7
380				8.1	5.6	4.1	2
400				9.3	6.4	4.7	2.3
420					7.3	5.4	2.6
440					8.4	6.1	3
460					9.4	6.9	3.4
480						7.8	3.8
500						8.7	4.3

**TopDrip-16 0.6 l/h W.T 25 mil ID 11.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	0.1	0.1					
60	0.4	0.2	0.1	0.1			
80	0.9	0.4	0.2	0.1	0.1	0.1	
100	1.6	0.7	0.4	0.2	0.2	0.1	0.1
120	2.7	1.1	0.6	0.4	0.3	0.2	0.1
140	4	1.7	0.9	0.6	0.4	0.3	0.1
160	5.8	2.4	1.3	0.8	0.5	0.4	0.2
180	7.9	3.3	1.8	1.1	0.8	0.6	0.3
200	10.5	4.3	2.3	1.5	1	0.7	0.4
220	13.5	5.6	3	1.9	1.3	1	0.5
240		7.1	3.8	2.4	1.7	1.2	0.6
260		8.8	4.8	3	2.1	1.5	0.7
280		10.8	5.8	3.7	2.5	1.9	0.9
300		12.9	7.1	4.4	3.1	2.2	1.1
320			8.4	5.3	3.6	2.7	1.3
340			10	6.2	4.3	3.1	1.5
360			11.6	7.3	5	3.7	1.8
380			13.5	8.5	5.8	4.3	2.1
400				9.7	6.7	4.9	2.4
420				11.1	7.7	5.6	2.8
440				12.7	8.7	6.4	3.1
460				14.3	9.9	7.2	3.5
480					11.1	8.1	4
500					12.4	9.1	4.5

**TopDrip 16, 1.0 l/h, W.T13-15 mil, ID 16.2**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	0.1						
40	0.3	0.1	0.1				
60	0.9	0.4	0.2	0.1	0.1	0.1	
80	2.0	0.8	0.4	0.3	0.2	0.1	0.1
100	3.5	1.5	0.8	0.5	0.3	0.2	0.1
120	5.8	2.4	1.3	0.8	0.5	0.4	0.2
140	8.7	3.6	1.9	1.2	0.8	0.6	0.3
160	12.4	5.1	2.8	1.7	1.2	0.9	0.4
180		7.0	3.8	2.4	1.6	1.2	0.6
200		9.3	5.0	3.2	2.2	1.6	0.8
220		12.1	6.5	4.1	2.8	2.0	1.0
240			8.3	5.2	3.6	2.6	1.3
260			10.3	6.4	4.4	3.2	1.6
280			12.6	7.9	5.4	4.0	1.9
300				9.5	6.6	4.8	2.3
320				11.4	7.8	5.7	2.8
340					9.2	6.7	3.3
360					10.8	7.9	3.9
380						9.1	4.5
400						10.6	5.2
420							5.9
440							6.7
460							7.6
480							8.6
500							9.6

**TopDrip 16, 1.0 l/h, W.T 18mil, ID 15.8**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	0.1						
40	0.3	0.1	0.1				
60	1	0.4	0.2	0.1	0.1	0.1	
80	2.1	0.9	0.5	0.3	0.2	0.1	0.1
100	3.7	1.6	0.8	0.5	0.4	0.3	0.1
120	6.1	2.5	1.4	0.8	0.6	0.4	0.2
140	9.2	3.8	2.1	1.3	0.9	0.6	0.3
160		5.5	3	1.9	1.3	0.9	0.5
180		7.5	4.1	2.6	1.8	1.3	0.6
200		10	5.4	3.4	2.4	1.7	0.8
220			7	4.4	3	2.2	1.1
240			8.9	5.6	3.9	2.8	1.4
260			11.1	7	4.8	3.5	1.7
280				8.6	5.9	4.3	2.1
300				10.3	7.2	5.2	2.6
320					8.5	6.3	3.1
340					10.1	7.4	3.6
360						8.6	4.2
380						10.0	4.9
400							5.7
420							6.5
440							7.4
460							8.4
480							9.4
500							10.6

**TopDrip 16, 1.0 l/h, W.T 25mil, ID 15.6**

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	0.1						
40	0.3	0.1	0.1				
60	1.0	0.4	0.2	0.1	0.1	0.1	
80	2.2	0.9	0.5	0.3	0.2	0.2	0.1
100	3.9	1.6	0.9	0.5	0.4	0.3	0.1
120	6.4	2.7	1.4	0.9	0.6	0.5	0.2
140	9.6	4.0	2.2	1.4	0.9	0.7	0.3
160	13.8	5.8	3.1	2	1.4	1.0	0.5
180	18.9	7.9	4.3	2.7	1.9	1.4	0.7
200		10.5	5.8	3.6	2.5	1.8	0.9
220		13.7	7.5	4.7	3.3	2.4	1.2
240		17.3	9.5	6.0	4.1	3.0	1.5
260		21.5	11.8	7.4	5.2	3.8	1.9
280			14.4	9.1	6.3	4.6	2.3
300			17.4	11.0	7.7	5.6	2.8
320			20.9	13.2	9.1	6.7	3.3
340				15.6	10.8	7.9	3.9
360				18.2	12.6	9.3	4.6
380				21.1	14.7	10.7	5.3
400					16.9	12.4	6.1
420					19.3	14.2	7.0
440					22.0	16.1	8.0
460						18.3	9.0
480						20.5	10.2
500							11.4

\* Minimum working pressure 0.4 bar. Maximum working pressure according to wall thickness.

THIN TO MEDIUM WALLE PC FLAT DRIP LINE

# TopDrip 16 mm

## Head Loss (m) in Relation to Lateral Length (m), Dripper Flow Rate and Spacing (cm)

TopDrip 16, 1.6 l/h, W.T 13-15mil, ID 16.2							
Dripper spacing (cm)							
Lateral length(m)	20	30	40	50	60	70	100
20	0.1						
40	0.7	0.3	0.2	0.1	0.1		
60	2.0	0.8	0.4	0.3	0.2	0.1	0.1
80	4.3	1.8	0.9	0.6	0.4	0.3	0.1
100	7.7	3.2	1.7	1.1	0.7	0.5	0.3
120	12.6	5.3	2.8	1.8	1.2	0.9	0.4
140		7.9	4.3	2.7	1.9	1.3	0.7
160		11.4	6.2	3.9	2.7	1.9	1.0
180			8.5	5.3	3.7	2.7	1.3
200			11.3	7.1	4.9	3.6	1.8
220				9.2	6.4	4.7	2.3
240				11.7	8.1	5.9	2.9
260					10.1	7.4	3.6
280					12.3	9.1	4.4
300						10.9	5.4
320							6.4
340							7.6
360							8.9
380							10.3
400							11.9

TopDrip 16, 1.6 l/h, W.T 18mil, ID 15.8							
Dripper spacing (cm)							
Lateral length(m)	20	30	40	50	60	70	100
20	0.1						
40	0.7	0.3	0.2	0.1	0.1	0.1	
60	2.1	0.9	0.5	0.3	0.2	0.1	0.1
80	4.5	1.9	1.0	0.6	0.4	0.3	0.2
100	8.2	3.4	1.9	1.2	0.8	0.6	0.3
120	13.4	5.6	3.0	1.9	1.3	1.0	0.5
140		8.5	4.6	2.9	2.0	1.5	0.7
160		12.2	6.7	4.2	2.9	2.1	1.0
180			9.2	5.8	4.0	2.9	1.4
200			12.2	7.7	5.4	3.9	1.9
220				10.0	6.9	5.1	2.5
240				12.7	8.9	6.4	3.2
260					11.0	8.1	4.0
280						9.9	4.9
300						12.0	5.9
320							7.1
340							8.4
360							9.8
380							11.4

TopDrip 16, 1.6 l/h, W.T 25mil, ID 15.6							
Dripper spacing (cm)							
Lateral length(m)	20	30	40	50	60	70	100
20	0.1						
40	0.7	0.3	0.2	8	0.1	0.1	
60	2.2	0.9	0.5	0.3	0.2	0.2	0.1
80	4.7	2	1.1	0.7	0.5	0.3	0.2
100	8.6	3.6	2	1.2	0.9	0.6	0.3
120	14	5.9	3.2	2	1.4	1.0	0.5
140	21.2	9	4.9	3.1	2.2	1.6	0.8
160		12.9	7.1	4.5	3.1	2.3	1.1
180			17.7	9.8	6.2	4.3	3.2
200			23.7	13.0	8.2	5.7	4.2
220				16.9	10.7	7.4	5.5
240				21.5	13.6	9.5	6.9
260					17	11.8	8.7
280					20.8	14.4	10.7
300						17.5	12.9
320						20.9	15.4
340							18.2
360							21.3
380							24.3
400							27.3
420							30.3
440							33.3

TopDrip 16, 2.0l/h, W.T 13-15mil, ID 16.2							
Dripper spacing (cm)							
Lateral length(m)	20	30	40	50	60	70	100
20	0.2	0.1	0.1	0.1	0.1	0.1	0.1
40	1	0.4	0.3	0.2	0.1	0.1	0.1
60	2.8	1.2	0.7	0.4	0.3	0.2	0.1
80	6	2.5	1.4	0.9	0.6	0.5	0.3
100	10.1	4.6	2.5	1.6	1.1	0.8	0.4
120		7.5	4.1	2.6	1.8	1.3	0.7
140		10.5	6.2	3.9	2.7	2	1
160			9	5.6	3.9	2.9	1.4
180				7.8	5.4	3.9	1.9
200				10.4	7.2	5.3	2.6
220					9.4	6.8	3.6
240						8.7	4.3
260							5.3
280							6.5
300							7.9
320							9

TopDrip 16, 2.0l/h, W.T 18mil, ID 15.8							
Dripper spacing (cm)							
Lateral length(m)	20	30	40	50	60	70	100
20	0.2	0.1	0.1	0.1	0.1	0.1	0.1
40	1	0.5	0.3	0.2	0.1	0.1	0.1
60	3	1.3	0.7	0.5	0.3	0.3	0.1
80	6.3	2.7	1.5	1	0.7	0.5	0.3
100	11.7	5	2.7	1.7	1.2	0.9	0.5
120		8.1	4.4	2.8	2	1.4	0.7
140		12.3	6.7	4.3	3	2.2	1.1
160			9.7	6.1	4.3	3.1	1.6
180			13.4	8.5	5.9	4.3	2.1
200				11.3	7.8	5.8	2.8
220				14.7	10.2	7.5	3.7
240					13	9.5	4.7
260					16.2	11.9	5.9
280						14.4	7.2
300						16.8	8.7
320							10.4
340							12.3
360							14.5
380							16.8

TopDrip 16, 2.0l/h, W.T 25mil, ID 15.6							
Dripper spacing (cm)							
Lateral length(m)	20	30	40	50	60	70	100
20	0.2	0.1	0.1	0.1	0.1	0.1	0.1
40	1	0.5	0.3	0.2	0.1	0.1	0.1
60	3	1.3	0.7	0.5	0.3	0.3	0.2
80	6.6	2.8	1.6	1	0.7	0.5	0.3
100	12	5.1	2.8	1.8	1.3	0.9	0.5
120	19.7	8.4	4.6	2.9	2	1.5	0.8
140		12.7	7	4.4	3.1	2.3	1.1
160		18.3	10.1	6.4	4.5	3.3	1.6
180			14	8.8	6.2	4.5	2.2
200			18.6	11.8	8.2	6.1	3
220				15.4	10.7	7.8	3.9
240				19.5	13.6	10	4.9
260					16.9	12.5	6.2
280					20.9	15.3	7.6
300						18.6	9.2
320						21.5	11
340							13
360							15.2
380							17.7
400							20.4

\* Minimum working pressure 0.4 bar. Maximum working pressure according to wall thickness.

THIN TO MEDIUM WALL PC FLAT DRIP LINE

# TopDrip 16 mm

## Head Loss (m) in Relation to Lateral Length (m), Dripper Flow Rate and Spacing (cm)

**TopDrip 16, 2.2l/h, W.T 13-15mil, ID 16.2**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.2	0.1	0.1	0.1	0.1	0.1	0.1
40	1.1	0.5	0.3	0.2	0.1	0.1	0.1
60	3.3	1.4	0.8	0.5	0.4	0.3	0.2
80	7.1	3	1.6	1	0.7	0.5	0.3
100		5.4	3	1.9	1.3	1	0.5
120		8.8	4.8	3	2.1	1.5	0.8
140			7.4	4.6	3.2	2.4	1.2
160				6.7	4.6	3.4	1.7
180				9.2	6.4	4.7	2.3
200					8.5	6.2	3.1
220						8.1	4
240							5
260							6.3
280							7.7
300							9.4

**TopDrip 16, 2.2l/h, W.T 18mil, ID 15.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.2	0.1	0.1	0.1	0.1	0.1	0.1
40	1.2	0.5	0.3	0.2	0.2	0.1	0.1
60	3.5	1.5	0.8	0.5	0.4	0.3	0.2
80	7.5	3.2	1.8	1.1	0.8	0.6	0.3
100	13.7	5.8	3.2	2	1.4	1	0.5
120		9.5	5.2	3.3	2.3	1.7	0.8
140		14.4	7.9	5	3.5	2.6	1.3
160			11.4	7.2	5.1	3.7	1.8
180			15.8	10	7	5.1	2.5
200				13.3	9.3	6.8	3.4
220					12.1	8.8	4.4
240					15.3	11.3	5.6
260						14.1	6.9
280						16.2	8.5
300							10.3
320							12.3
340							14.6

**TopDrip 16, 2.2l/h, W.T 25mil, ID 15.6**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.2	0.1	0.1	0.1	0.1	0.1	0.1
40	1.2	0.5	0.3	0.2	0.2	0.1	0.1
60	3.6	1.5	0.9	0.5	0.4	0.3	0.2
80	7.7	3.3	1.8	1.2	0.8	0.6	0.3
100	14.1	6	3.3	2.1	1.5	1.1	0.6
120		9.8	5.4	3.4	2.4	1.8	0.9
140		15	8.3	5.2	3.6	2.7	1.3
160		21.5	11.9	7.5	5.3	3.9	1.9
180			16.5	10.4	7.3	5.3	2.6
200			21.1	14	9.7	7.2	3.5
220				18.1	12.7	9.3	4.6
240					16.1	11.8	5.8
260					20	14.8	7.3
280						18.1	9
300						22	10.9
320							13
340							15.4
360							18
380							21

**TopDrip-16 3.5 l/h W.T 13-15 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.4	0.2	0.1	0.1			
40	2.5	1	0.6	0.3	0.2	0.2	0.1
60		3.1	1.7	1	0.7	0.5	0.3
80			3.6	2.3	1.6	1.2	0.6
100				4.2	2.9	2.1	1.1
120					4.8	3.5	1.7
140							2.6
160							3.8

**TopDrip-16 3.5 l/h W.T 18 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.4	0.2	0.1	0.1			
40	2.6	1.1	0.6	0.4	0.3	0.2	0.1
60	7.8	3.3	1.8	1.1	0.8	0.6	0.3
80		7.1	3.9	2.5	1.7	1.3	0.6
100			7.2	4.5	3.1	2.3	1.2
120				7.5	5.2	3.8	1.9
140					8	5.8	2.9
160						8.4	4.2
180							5.8
200							7.8

**TopDrip-16 3.5 l/h W.T 25 mil ID 11.8**

Dripper spacing (cm)

Lateral length(m)	20	30	40	50	60	70	100
20	0.4	0.2	0.1	0.1			
40	2.7	1.1	0.6	0.4	0.3	0.2	0.1
60	8	3.4	1.9	1.2	0.8	0.6	0.3
80		7.4	4.1	2.6	1.8	1.3	0.7
100		13.6	7.5	4.7	3.3	2.4	1.2
120			12.3	7.8	5.5	4	2
140				11.9	8.3	6.1	3.1
160					12	8.8	4.4
180						12.3	6.1
200							8.2
220							10.7
240							13.6

\* Minimum working pressure 0.4 bar. Maximum working pressure according to wall thickness.

THIN TO MEDIUM WALL PC FLAT DRIP LINE

# TopDrip 22 mm

## Head Loss (m) in Relation to Lateral Length (m), Dripper Flow Rate and Spacing (cm)

TopDrip-22 0.6 l/h W.T 13-25 mil ID 11.8

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20							
40	0.1						
60	0.2	0.1					
80	0.3	0.1	0.1				
100	0.5	0.2	0.1	0.1	0.1		
120	0.7	0.3	0.2	0.1	0.1	0.1	
140	1.1	0.5	0.3	0.2	0.1	0.1	
160	1.4	0.7	0.4	0.2	0.2	0.1	0.1
180	1.9	0.9	0.5	0.3	0.2	0.2	0.1
200	2.4	1.1	0.6	0.4	0.3	0.2	0.1
220	2.9	1.4	0.8	0.5	0.4	0.3	0.1
240	3.6	1.7	1	0.6	0.4	0.3	0.2
260	4.3	2	1.2	0.8	0.5	0.4	0.2
280		2.4	1.4	0.9	0.6	0.5	0.2
300		2.8	1.6	1.1	0.8	0.6	0.3
320		3.3	1.9	1.2	0.9	0.7	0.3
340		3.8	2.2	1.4	1	0.8	0.4
360		4.3	2.5	1.6	1.2	0.9	0.4
380		5	2.9	1.9	1.3	1	0.5
400			3.3	2.1	1.5	1.1	0.6
420			3.7	2.4	1.7	1.3	0.7
440			4.1	2.7	1.9	1.4	0.7
460			4.6	3	2.1	1.6	0.8
480				3.3	2.4	1.8	0.9
500				3.7	2.6	2	1

TopDrip 22, 1.0l/h, W.T 13-25mil, ID 22.2

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	0.1	0.1					
60	0.3	0.1	0.1	0.1			
80	0.6	0.3	0.2	0.1	0.1	0.1	
100	0.9	0.4	0.2	0.2	0.1	0.1	
120	1.4	0.7	0.4	0.2	0.2	0.1	0.1
140	2	0.9	0.5	0.4	0.3	0.2	0.1
160	2.8	1.3	0.7	0.5	0.3	0.3	0.1
180	3.6	1.7	1.0	0.6	0.5	0.3	0.2
200	4.7	2.2	1.3	0.8	0.6	0.4	0.2
220	5.9	2.7	1.6	1.0	0.7	0.6	0.3
240	7.3	3.4	2.0	1.3	0.9	0.7	0.3
260	8.8	4.1	2.4	1.6	1.1	0.8	0.4
280	10.6	4.9	2.9	1.9	1.3	1.0	0.5
300	12.6	5.8	3.4	2.2	1.6	1.2	0.6
320	14.6	6.9	4.0	2.6	1.9	1.4	0.7
340		8.0	4.6	3.0	2.2	1.6	0.8
360		9.2	5.4	3.5	2.5	1.9	1.0
380		10.6	6.2	4.0	2.9	2.1	1.1
400		12.0	7.0	4.6	3.3	2.4	1.3
420		13.6	7.9	5.2	3.7	2.8	1.4
440		15.3	8.9	5.9	4.2	3.1	1.6
460			10.0	6.6	4.7	3.5	1.8
480				11.2	7.3	5.2	3.9
500				12.4	8.2	5.8	4.3

TopDrip 22,1.6l/h, W.T 13-25mil, ID 22.2

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	0.2	0.1	0.1				
60	0.5	0.2	0.1	0.1	0.1		
80	1.0	0.5	0.3	0.2	0.1	0.1	
100	1.7	0.8	0.5	0.3	0.2	0.2	0.1
120	2.7	1.2	0.7	0.5	0.3	0.2	0.1
140	3.8	1.8	1.0	0.7	0.5	0.4	0.2
160	5.3	2.5	1.4	0.9	0.7	0.5	0.3
180	7.1	3.3	1.9	1.3	0.9	0.7	0.3
200	9.2	4.3	2.5	1.6	1.2	0.9	0.4
220	11.7	5.5	3.2	2.1	1.5	1.1	0.6
240	14.6	6.8	3.9	2.6	1.9	1.4	0.7
260	17.9	8.3	4.8	3.2	2.3	1.7	0.9
280		10.1	5.8	3.8	2.7	2.1	1.1
300		12.0	7.0	4.6	3.3	2.4	1.3
320		14.2	8.3	5.4	3.9	2.9	1.5
340		16.6	9.7	6.3	4.5	3.4	1.7
360			11.2	7.4	5.2	3.9	2.0
380			12.9	8.5	6.1	4.5	2.3
400			14.8	9.7	6.9	5.2	2.7
420			16.8	11.0	7.9	5.9	3.0
440				12.5	8.9	6.7	3.4
460				14.0	10.0	7.5	3.9
480				15.7	11.2	8.4	4.3
500				17.5	12.5	9.4	4.8

TopDrip 22, 2.0l/h, W.T 13-25mil, ID 22.2

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	0.3	0.2	0.1	0.1	0.1	0.1	0.1
60	0.7	0.4	0.2	0.2	0.1	0.1	0.1
80	1.4	0.7	0.4	0.3	0.2	0.2	0.1
100	2.3	1.1	0.7	0.5	0.3	0.3	0.2
120	3.6	1.7	1	0.7	0.5	0.4	0.2
140	5.3	2.5	1.5	1	0.7	0.5	0.3
160	7.3	3.4	2	1.3	1	0.7	0.4
180		4.6	2.7	1.8	1.3	1	0.5
200		6	3.5	2.3	1.7	1.3	0.7
220		7.6	4.5	3	2.1	1.6	0.8
240			5.6	3.7	2.6	2	1
260			6.9	4.5	3.2	2.4	1.3
280				5.5	3.9	2.9	1.5
300				6.6	4.7	3.5	1.8
320				7.8	5.5	4.2	2.2
340					6.5	4.9	2.5
360					7.6	5.7	2.9
380						6.5	3.4
400						7.5	3.9
420							4.4
440							5
460							5.6
480							6.3
500							7

TopDrip 22, 2.2l/h, W.T 13-25mil, ID 22.2

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
40	0.4	0.2	0.1	0.1	0.1	0.1	0.1
60	0.8	0.4	0.3	0.2	0.1	0.1	0.1
80	1.6	0.8	0.5	0.3	0.2	0.2	0.1
100	2.7	1.3	0.8	0.5	0.4	0.3	0.2
120	4.1	2	1.2	0.7	0.6	0.4	0.2
140	6	2.8	1.7	1.1	0.8	0.6	0.3
160		3.9	2.3	1.5	1.1	0.8	0.5
180		5.3	3.1	2.1	1.5	1.1	0.6
200		6.5	4.1	2.7	1.9	1.5	0.8
220			5.2	3.4	2.5	1.8	1
240			6.5	4.3	3.1	2.3	1.2
260			8	5.3	3.8	2.8	1.5
280				6.4	4.6	3.4	1.8
300				7.6	5.5	4.1	2.1
320					6.5	4.9	2.5
340					7.6	5.7	2.9
360						6.6	3.4
380						7.7	4
400							4.5
420							5.2
440							5.8
460							6.6
480							7.4
500							8.2

TopDrip-22 3.5 l/h W.T 13-25 mil ID 11.8

Lateral length(m)	Dripper spacing (cm)						
	20	30	40	50	60	70	100
20	0.1	0.1					
40	0.6	0.3	0.2	0.1	0.1	0.1	
60	1.5	0.7	0.4	0.3	0.2	0.1	0.1
80	3	1.4	0.8	0.5	0.4	0.3	0.2
100		2.5	1.4	0.9	0.7	0.5	0.3
120		3.9	2.3	1.5	1.1	0.8	0.4
140			3.4	2.2	1.6	1.2	0.6
160			4.8	3.1	2.2	1.7	0.9
180				4.3	3.1	2.3	1.2
200					4	3	1.6
220						3.9	2
240						4.9	2.5
260							3.1
280							3.8
300							4.6

\* Minimum working pressure 0.4 bar. Maximum working pressure according to wall thickness.