

SEAMLESS LABYRINTH DRIP TAPE

APOLLO



APOLLO drip tape can help you improve yield, water-use efficiency, and crop quality by putting water and fertilizer right where you need them. Apollo Tape is the continuous labyrinth dripline ideal for low spacing between vegetable crops and flower cultivation. The reduced distance between the drip points and the low flow rate guarantees excellent performance even on very sandy soil.

Anti-reflux slit emitter

Linear water outlet hole to prevent root intrusion and perform the anti-reflux function

Large section labyrinth

Proportionally Balanced Cross-Section increases flow turbulence and velocity

Inlet filter

Internal filters that prevent particles from entering the maze

Turbulent flow

Optimized flow passages further resist clogging



VIMI

FLAT-DRIPPER DRIP TAPE

VIMI drip tape is including the innovative molded ultra compact flat dripper generating almost 0 head loss. Smaller than competitive drippers - Not only does a small emitter help reduce water friction in the drip line, a smaller emitter is easier to install with less risk of being caught on installation equipment. VIMI tape design minimizes friction loss through its small design and its uniquely engineered flow path. In other words, VIMI tape allows you to achieve longer distances per row while still maintaining high uniformity.

Outlet Holes

Almost 0 head loss

Inlet filter

Inlet with 3D development remarkably expanding the dripper's filtration surface.

Turbulent flow labyrinth

Improves dripper performance by widening the tooth pattern, maximizing flow path velocity, allowing debris to pass easily through the dripper, virtually eliminating clogging.



Seamless labyrinth drip tape -APOLLO



- CODE: 5800
- Flow (l/h): 0.9, 1.1, 1.3, 1.5, 1.8, 2.2, 2.5
- Spacing (cm): 10, 15, 20, 30, 40, 45, 50, 60
- Thickness (mil): 5, 6, 7, 8, 10, 12
- Length/Roll (m): 100, 350, 500, 1000, 1500, 2000, 2500, 3000

	∅ mm	Wall Thickness mil	mm	Work Pressure min	max	m/roll max	Size cm
●	16	5	0.12	0.3	0.7	3000	-
●	16	6	0.15	0.3	0.8	100	-
●	16	6	0.15	0.3	0.8	3000	-
●	16	7	0.18	0.3	0.9	100	-
●	16	7	0.18	0.3	0.9	2500	-
●	16	8	0.20	0.3	1.0	100	-
●	16	8	0.20	0.3	1.0	2000	-
●	20	6	0.15	0.3	0.8	3000	-
●	20	7	0.18	0.3	0.9	2500	-
●	20	8	0.20	0.3	1.0	2000	-
●	22	6	0.15	0.3	0.7	3000	-
●	22	7	0.18	0.3	0.8	2500	-
●	22	8	0.20	0.3	0.9	2000	-

*For other flow specifications, contact sales manager

Flat-dripper drip tape -VIMI



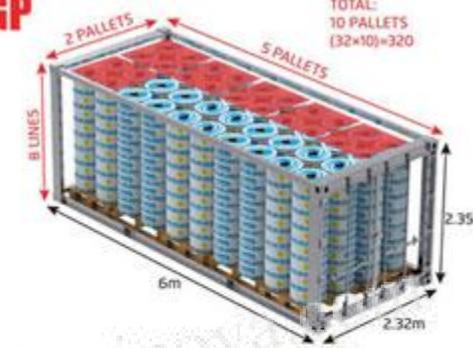
- CODE: 5825
- Flow (l/h): 1.0, 1.6, 2.0, 2.2
- Spacing (cm): 10, 15, 20, 25, 30, 35, 40, 45
- Thickness (mil): 5, 6, 7, 8, 10, 12
- Length/Roll (m): 100, 350, 500, 1000, 1500, 2000, 2500, 3000

	∅ mm	Wall Thickness mil	mm	Work Pressure min	max	m/roll max	Size cm
●	16	5	0.12	0.3	0.7	3000	-
●	16	6	0.15	0.3	0.8	100	-
●	16	6	0.15	0.3	0.8	3000	-
●	16	7	0.18	0.3	0.9	100	-
●	16	7	0.18	0.3	0.9	2500	-
●	16	8	0.20	0.3	1.0	100	-
●	16	8	0.20	0.3	1.0	2000	-
●	16	10	0.25	0.3	1.2	1500	-
●	16	12	0.30	0.3	1.4	1500	-

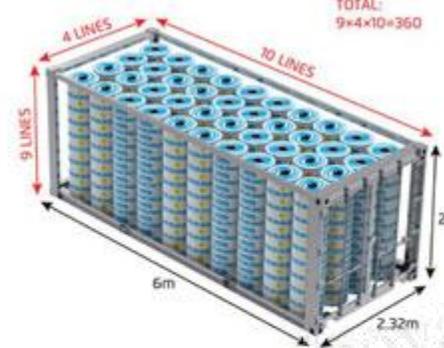
PALLET

(1 Pallet=32 Rolls)

20GP



TOTAL: 10 PALLETS (32x10)=320

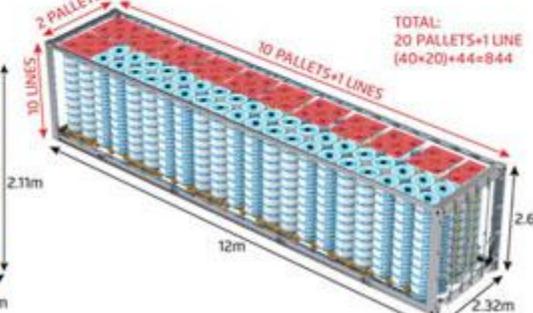


TOTAL: 9x4x10=360

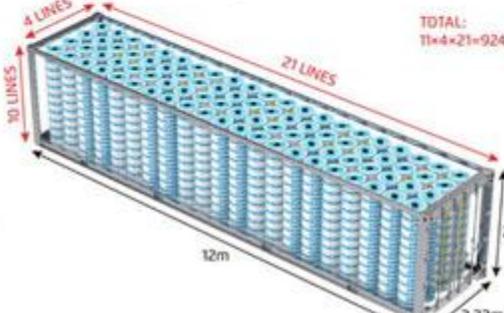
PALLET

(1 Pallet=40 Rolls)

40HQ



TOTAL: 20 PALLETS+1 LINE (40x20)+44=844



TOTAL: 11x4x21=924

Pressure Compensating Drip Line with Anti-Siphon



Excellent flow channel design, featuring wide water passageways

Oversized filter mesh enhances filtration efficiency

Ultra-fine outlet orifices prevent sediment ingestion



1.0, 1.6, 2.0 L/H



PC Drip Tape with Anti-Siphon

Flow Rate(L/H)	1.0 / 1.6 / 2.0
Diameter(mm)	16 / 22
Thickness(mm)	0.4 / 0.6 / 0.8 / 0.9
Spacing(cm)	15 / 20 / 30 / 40 / 50 / 100

PC Drip Pipe with Anti-Siphon

Flow Rate(L/H)	1.0 / 1.6 / 2.0
Diameter(mm)	16 / 20
Thickness(mm)	1.0 / 1.2
Spacing(cm)	20 / 30 / 40 / 50 / 100

*Package customized is available based on MOQ 1000rolls.

Application

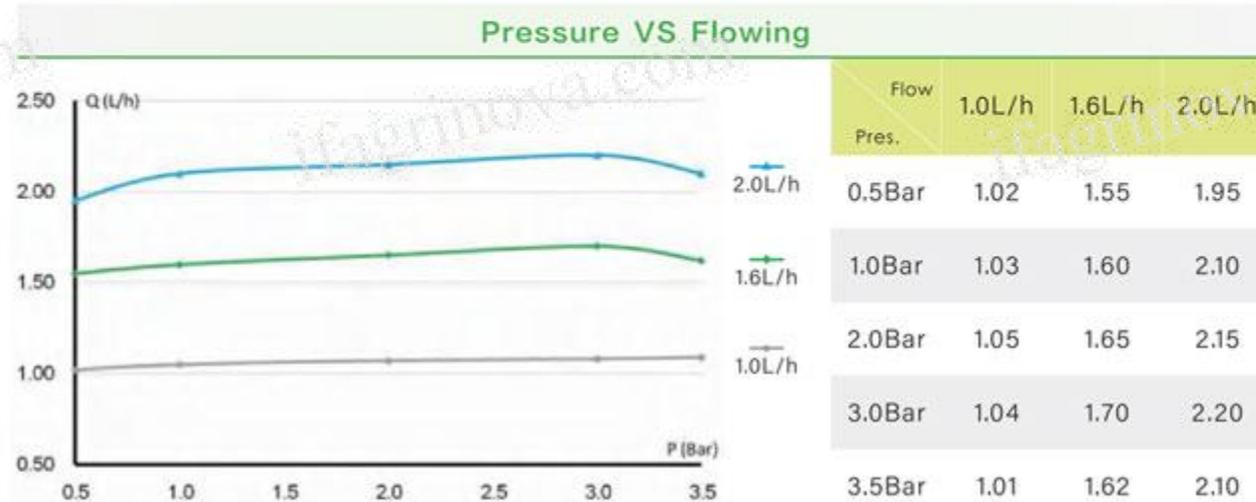
- Working pressure: 0.5-3.5Bar.
- Filtration Required: Above 120mesh.
- Lay in line and levelly, all the holes of emitter must be upward.
- Suitable for the planing on hills and mountains, or Sub-surface multi seasonal row crop.

Technical Data:

16mm / Maximum Length (m) of Run 10% Flow Variation / Inlet Pressure 3.0Bar / Slope 0%						
Flow	Spacing	20cm	30cm	40cm	50cm	100cm
1.0 L/h		150	210	270	320	540
1.6 L/h		110	150	190	230	410
2.0 L/h		90	130	165	200	345

20mm / Maximum Length (m) of Run 10% Flow Variation / Inlet Pressure 3.0Bar / Slope 0%						
Flow	Spacing	20cm	30cm	40cm	50cm	100cm
1.0 L/h		250	340	430	510	850
1.6 L/h		190	270	310	380	620
2.0 L/h		160	220	270	320	540

22mm / Maximum Length (m) of Run 10% Flow Variation / Inlet Pressure 3.0Bar / Slope 0%						
Flow	Spacing	20cm	30cm	40cm	50cm	100cm
1.0 L/h		325	440	540	645	1060
1.6 L/h		225	330	410	490	795
2.0 L/h		210	285	360	430	700



Thin-Wall Drip Tape with Flat Drinker



- High Uniformity
- Long Run Length
- High Clog Resistant



Length: 23mm

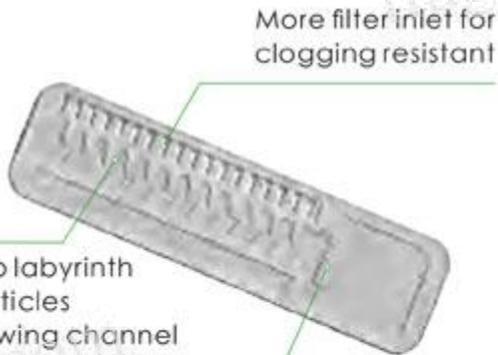


0.4 L/H



0.8, 1.0, 1.4, 2.0 L/H

Wide and deep labyrinth permits big particles through the flowing channel



With a barrier at the exit of labyrinth to prevent soil inlet

More filter inlet for clogging resistant

Application

- Working pressure: 0.2-1.2Bar.
- Filtration Required: Above 120mesh.
- Lay in line and levelly, all the holes of emitter must be upward.
- Suitable for single season crops with affordability and quality.

Technical Data

Nominal Flow	0.4/0.8/1.0/1.4/2.0 L/h
Diameter	16 / 22 mm
Spacing	10/15/20/30/40/50 cm
Dripper Length	23 mm

Dia. (mm)	Thickness (mm)	Max. Working Pressure (Bar)	Burst Pressure (Bar)
16	0.15	1.0	1.6
16	0.18	1.1	1.8
16	0.20	1.2	2.0
22	0.20	1.0	1.6
22	0.25	1.1	1.8



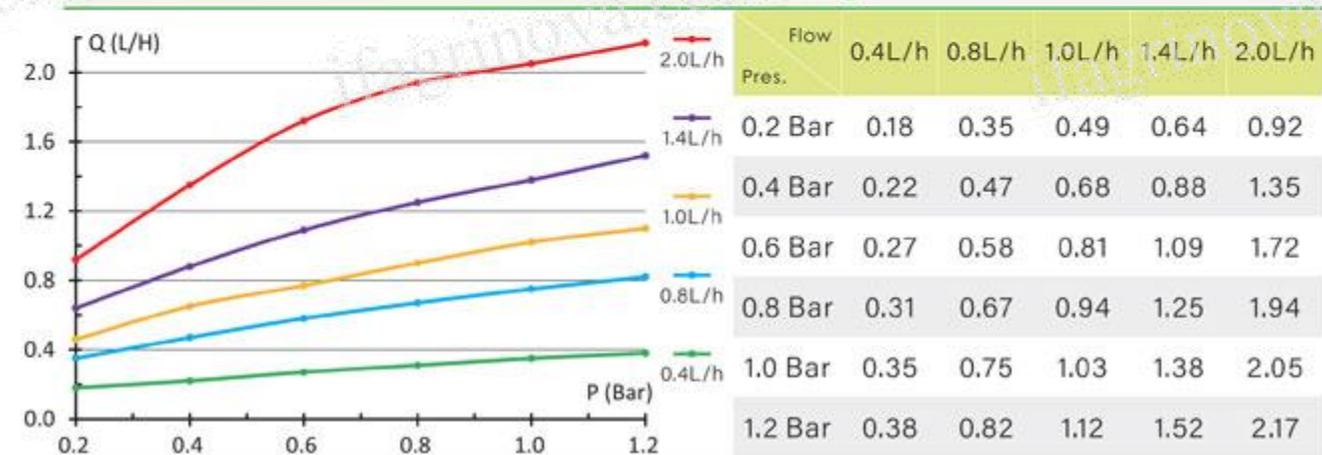
16mm / Maximum Length (m) of Run 10% Flow Variation / Inlet Pressure 1.0Bar / Slope 0%

Spacing	10cm	15cm	20cm	30cm	40cm	50cm
0.4 L/h	123	165	202	265	321	371
0.8 L/h	76	102	124	163	198	229
1.0 L/h	65	86	105	136	164	191
1.4 L/h	52	68	94	120	133	154
2.0 L/h	43	54	65	89	106	123

22mm / Maximum Length (m) of Run 10% Flow Variation / Inlet Pressure 1.0Bar / Slope 0%

Spacing	10cm	15cm	20cm	30cm	40cm	50cm
0.4 L/h	267	324	377	492	603	687
0.8 L/h	124	165	235	305	371	427
1.0 L/h	112	148	192	249	304	348
1.4 L/h	92	122	163	202	254	289
2.0 L/h	76	102	123	162	195	224

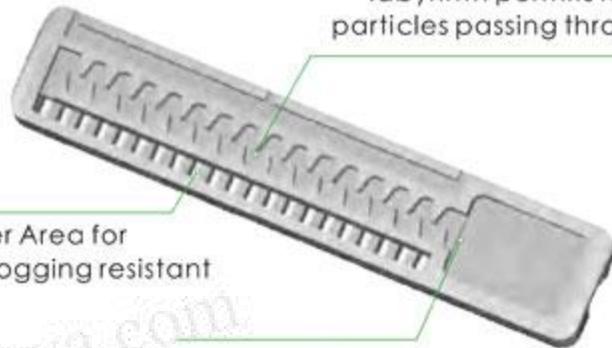
Pressure VS Flowing



Medium-Wall Drip Tape with Flat Drinker



- ◆ High Uniformity
- ◆ Longer Run Length
- ◆ Higher Clog Resistant



Maximized wide and deep labyrinth permits more particles passing through

Larger Filter Area for superior clogging resistant

With special design to minimize sand suction

Length: 30mm

1.0, 1.5, 2.0, 3.0, 4.0L/H

Technical Data

Nominal Flow	1.0/1.5/2.0/3.0/4.0 L/h
Diameter	16 / 22 mm
Spacing	10/15/20/30/40/50 cm
Dripper Length	30 mm

Dia. (mm)	Thickness (mm)	Max. Working Pressure (Bar)	Burst Pressure (Bar)
16	0.20	1.2	2.0
16	0.30	1.8	3.0
16	0.40	2.2	4.0
22	0.30	1.5	2.5
22	0.40	1.9	3.3



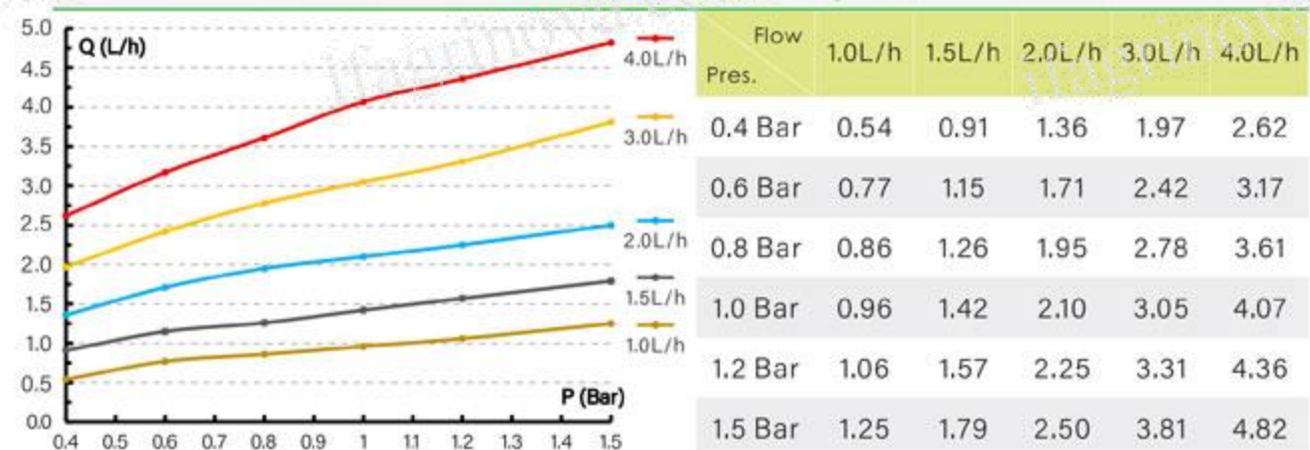
16mm / Maximum Length (m) of Run 10% Flow Variation / Inlet Pressure 1.5Bar / Slope 0%

Spacing Flow	10cm	15cm	20cm	30cm	40cm	50cm
1.0 L/h	68	90	110	145	178	206
1.5 L/h	50	65	83	110	135	157
2.0 L/h	45	57	68	91	111	130
3.0 L/h	36	45	55	73	89	105
4.0L/h	27	35	40	56	69	82

22mm / Maximum Length (m) of Run 10% Flow Variation / Inlet Pressure 1.5Bar / Slope 0%

Spacing Flow	10cm	15cm	20cm	30cm	40cm	50cm
1.0 L/h	115	153	199	260	313	363
1.5 L/h	90	119	158	207	251	293
2.0 L/h	80	108	130	169	204	237
3.0 L/h	65	82	98	129	165	193
4.0L/h	51	69	80	105	128	148

Pressure VS Flowing



Application

- Working pressure: 0.4-1.5Bar.
- Filtration Required: Above 120mesh.
- Lay in line and levelly, all the holes of emitter must be upward.
- Suitable for multi season crops/applications with reliable performance.

Compact Online PC Dripper with Self-Cleaning



Anti-Clogging

Engineered with a wide & deep labyrinth flow path, a built-in inlet filter grid and a continuous self-cleaning mechanism.



Uniform Flow Rate

Adopting advanced production technology with minimal CV, ensuring consistent flow rate of each dripper.



Efficient & Reliable

Manufactured with high-quality diaphragms, ensuring effective pressure compensation, excellent stability and long service life.



Durable & Resilient

Manufactured with 100% new materials and additives, offering excellent corrosion resistance, aging resistance, and strong UV protection.



Mechanization-friendly

Compact structure and small size minimize interference with field machinery operations.



Modular & Affordable

The barbed outlet allows direct attachment to tube for 1-way drip stakes, and the nipple outlet works with multi-ways drip stakes. Simplified installation minimizes additional components.

Pressure VS Flowing



Common PC Dripper (Range of PC 0.5-4.0Bar)



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCD0201B	1L/h	Barb	1000	12000
PCD0201N	1L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCD0202B	2L/h	Barb	1000	12000
PCD0202N	2L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCD0203B	3L/h	Barb	1000	12000
PCD0203N	3L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCD0204B	4L/h	Barb	1000	12000
PCD0204N	4L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCD0208B	8L/h	Barb	1000	12000
PCD0208N	8L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCD0212B	12L/h	Barb	1000	12000
PCD0212N	12L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCD0216B	16L/h	Barb	1000	12000
PCD0216N	16L/h	Nipple	1000	12000

No-Drain PC Dripper (with Low Shutoff Pressure 0.12Bar, Range of PC 0.7-4.0Bar)



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCND0201B	1L/h	Barb	1000	12000
PCND0201N	1L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCND0202B	2L/h	Barb	1000	12000
PCND0202N	2L/h	Nipple	1000	12000

No-Drain PC Dripper (with High Shutoff Pressure 0.18Bar, Range of PC 1.3-4.0Bar)



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCHD0201B	1L/h	Barb	1000	12000
PCHD0201N	1L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCHD0202B	2L/h	Barb	1000	12000
PCHD0202N	2L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCND0203B	3L/h	Barb	1000	12000
PCND0203N	3L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCND0204B	4L/h	Barb	1000	12000
PCND0204N	4L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCHD0203B	3L/h	Barb	1000	12000
PCHD0203N	3L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCHD0204B	4L/h	Barb	1000	12000
PCHD0204N	4L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCND0208B	8L/h	Barb	1000	12000
PCND0208N	8L/h	Nipple	1000	12000



Item No.	Size	Outlet	Qty/Bag	Qty/Ctn
PCHD0208B	8L/h	Barb	1000	12000
PCHD0208N	8L/h	Nipple	1000	12000

Online PC Bubbler

1. The range of PC is 1.0-4.0bar.
2. Two flowing rate available, 25L/h and 40L/h to meet different plants requirement.
3. Recommended filtration: 200 micron/80 mesh.

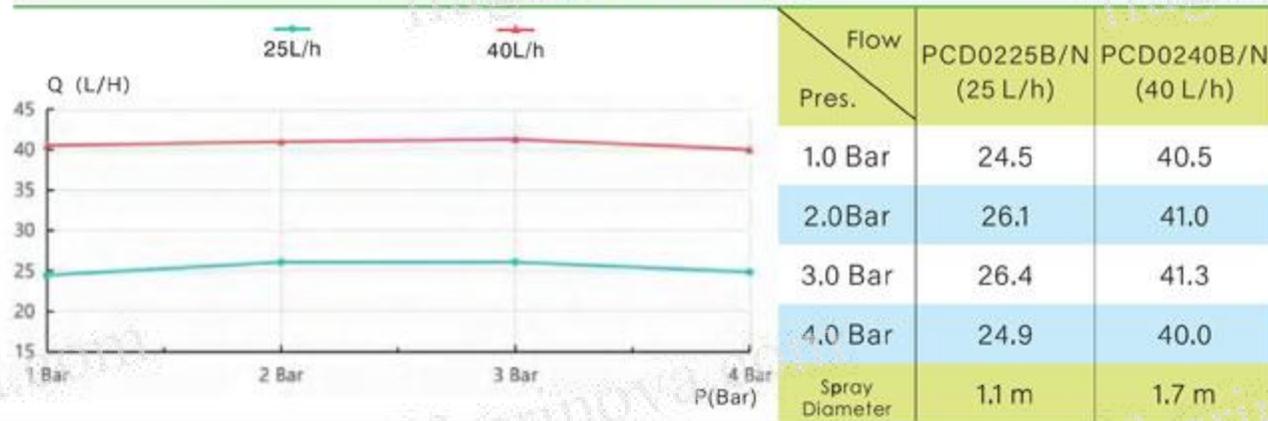


Item No.	Size	Outlet	Spray Dia.	Qty/Ctn
PCD0225B	25L/h	Barb	1.1m	12000
PCD0225N	25L/h	Nipple	1.1m	12000



Item No.	Size	Outlet	Spray Dia.	Qty/Ctn
PCD0240B	40L/h	Barb	1.7m	12000
PCD0240N	40L/h	Nipple	1.7m	12000

Pressure VS Flowing



*Note: Tested in breezeless, 50cm above the ground.



Item No.	Des.	Size	Qty/Bag	Qty/Ctn
DM0225	Cap for PC Bubbler	Dn5	1000	12000



Item No.	Des.	Size	Qty/Bag	Qty/Ctn
ST0135	Stake for PC Bubbler	Dn3*6	1000	12000

Take Apart PC Dripper



Item No.	Size	PC Range
PCT0102	2L/h	0.7-3.5Bar

Item No.	Size	PC Range
PCT0104	4L/h	0.7-3.5Bar



Item No.	Size	PC Range
PCT0108	8L/h	0.7-3.5Bar

Pressure VS Flowing



Dripper Stake/Support Stake

Dripper Stake

Item No. 2102H
Size 2.2L/h
Length 10cm
Filtration 120mesh
Pres.: 0.2-2 Bar



with labyrinth flow path

Dripper Stake

Item No. 2152H
Size 2.2L/h
Length 15cm
Filtration 120mesh
Pres.: 0.2-2 Bar



with labyrinth flow path

Dripper Stake

Item No. 4152
Size 2.2L/h
Length 15cm
Filtration 120mesh
Pres.: 0.2-2 Bar



with labyrinth flow path

Dripper Stake

Item No. 5152
Size 2.2L/h
Length 15cm
Filtration 120mesh
Pres.: 0.2-2 Bar



with labyrinth flow path and larger drip flow checking window

Support Stake

Item No. 5151
Size 2.2L/h
Filtration 120mesh
Pres.: 0.2-2 Bar



without flow path with larger drip flow checking window

Support Stake

Item No. 2151
Size 2.2L/h
Filtration 120mesh
Pres.: 0.2-2 Bar



without flow path

Manifold Connectors

5231B
Dn5*5



5133A
Dn5*4



5133P
Dn5*5



5135A
Dn5*4

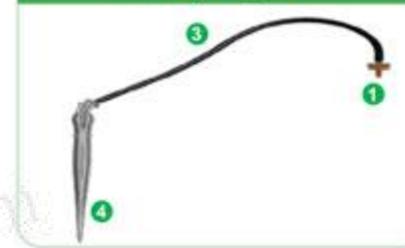


5135P
Dn5*5



Drip Stake Kits

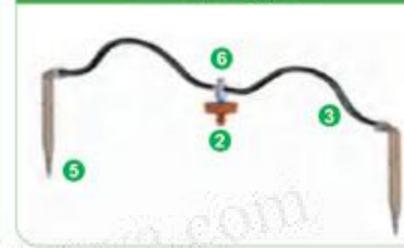
1 Way Figure



1-Way Stake Kit



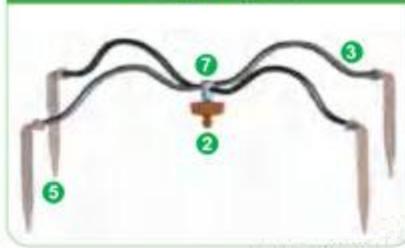
2 Ways Figure



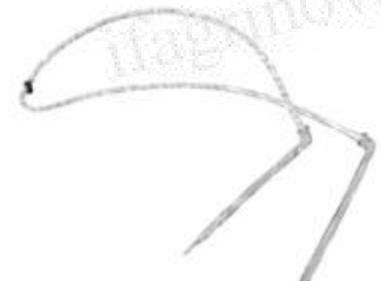
2-Way Dripper Stake Kit



4 Ways Figure

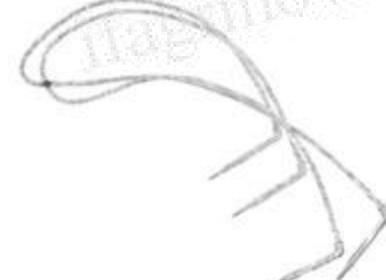


2-Way Long Dripper Stake Kit



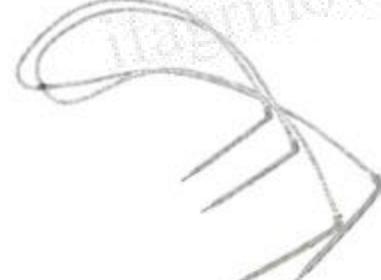
Item No.	Stake	Connector	Tube Length	Tube Type
PCND0202B50P/5151	5151	PCND0202B	50cm	W/B PE

4-Way Dripper Stake Kit



Item No.	Stake	Connector	Tube Length	Tube Type
W21522B	2102H	5133P	50cm	W/B PE
W21522B	2152H	5133P	50cm	W/B PE

4-Way Long Dripper Stake Kit



Item No.	Stake	Connector	Tube Length	Tube Type
W2142B	2102H	5135P	50cm	W/B PE

Item No.	Stake	Connector	Tube Length	Tube Type
W21524B	2152H	5135P	50cm	W/B PE

- 1 PC Dripper with Barb Outlet
- 2 PC Dripper with Nipple Outlet
- 3 5/3 Micro PE Tube
- 4 Support Stake
- 5 Dripper Stake
- 6 2 Ways Connector 5133P
- 7 4 Ways Connector 5135P