

# INBAR Non-Drain PC Dripper



## Technical Data

Dripper flow rates:  
0.8 / 1.2 / 1.6 / 2.1 / 3.4 l/h

Shut down pressure:  
1.4 m

Dripline diameters:  
16 / 17 / 20 / 22 / 25 mm

Dripline wall thickness:  
0.4 - 1.2 mm

## Applications

- » Greenhouses
- » Row crops
- » Pulse irrigation
- » Vegetables

## Features

- Multi-purpose flat dripper for high-end crops and advanced agriculture
- Wide range of working pressures for various topographies
- Shuts down automatically at low pressure (< 0.14 bar)
- Non drain: The dripline remains full of water during irrigation intervals, ensuring immediate and uniform irrigation along the dripline.
- Anti-siphon mechanism prevents suction of sand and soil into the dripper
- Accurate pressure-regulating labyrinth mechanism
- Wide water passage along the labyrinth
- Suitable for different water sources
- Long-lasting silicon diaphragm
- Durable under harsh field conditions and chemical applications

## Unique Non-Drain System

Non-Drain system: The dripline remains full of water during irrigation intervals, ensuring immediate and uniform irrigation along the dripline.



## Applications



Greenhouses



Row crops



## INBAR Dripline - Technical Data

Model	Inside Diameter (mm)	Wall Thickness (mm)	Min. Working Pressure (bar)	Max. Working Pressure (bar)	Kd
INBAR 16	15.8	0.4	0.8	2.0	0.2
	15.2	0.6		2.5	
	13.8	0.9-1		3.5	0.27
INBAR 17	15.8	0.6	0.8	2.5	0.2
	15.0	0.9-1		3.5	
INBAR 20	17.4	0.9-1.2	0.8	3.5-4.3	0.1
INBAR 22	21	0.4-1.0	0.8	3.5	0.08
INBAR 25	24.7	0.4-1.0	0.8	3.5	0.05

## Packaging Data

Model	Wall Thickness (mm)	Coil/Drum Length (m)	Number of Coils/Drums* per Container		
			20'	40'	40' HC
INBAR 16	0.4	1000 Narrow	360	720	880
	0.6	<20cm spacing - 600 Wide Other spacing - - 800 Wide	240	480	580
	0.9	500 Wide			
	1.00	400 Coil	170	340	375
INBAR 17	0.6	20cm spacing - 600 Wide Other spacing - 800 Wide	240	480	580
	0.9	500 Wide	240	480	580
	1.15	400 Coil	170	340	375
INBAR 20	0.9	400 Coil	125	150	180
	1.2	300 Coil	140	280	300
INBAR 22	1.00	350 Wide	240	480	580
INBAR 25	1.00	300 Wide	240	480	580

\* Number of drums per pallet: Wide - 24, Narrow - 36



## INBAR 16

Max. Lateral Length (ID 15.2 mm, WT 0.6 mm, Inlet Pressure 2.5 bar)

Nominal Flow Rate (l/h)	Spacing between Drippers (m)						
	0.20	0.30	0.40	0.50	0.60	0.75	1.00
0.8	206	275	336	391	442	512	619
1.2	171	228	279	325	367	426	515
1.6	142	189	232	270	305	354	429
2.1	119	159	194	227	256	297	360
3.4	87	116	142	166	188	219	265

## INBAR 17

Max. Lateral Length (ID 15.8 mm, WT 0.6 mm, Inlet Pressure 2.5 bar)

Nominal Flow Rate (l/h)	Spacing between Drippers (m)						
	0.20	0.30	0.40	0.50	0.60	0.75	1.00
0.8	219	293	358	417	471	546	661
1.2	181	243	297	346	391	455	550
1.6	150	201	247	288	325	378	458
2.1	126	169	207	242	273	318	385
3.4	92	124	152	177	201	233	283

## INBAR 20

Max. Lateral Length (ID 17.4 mm, WT 1.0 mm, Inlet Pressure 2.5 bar)

Nominal Flow Rate (l/h)	Spacing between Drippers (m)						
	0.20	0.30	0.40	0.50	0.60	0.75	1.00
0.8	278	364	439	508	571	659	793
1.2	231	302	365	422	475	549	660
1.6	192	251	304	351	395	456	549
2.1	161	211	255	295	332	384	462
3.4	118	155	187	217	244	282	340

## INBAR 25

Max. Lateral Length (ID 24.7 mm, WT 1.0 mm, Inlet Pressure 2.5 bar)

Nominal Flow Rate (l/h)	Spacing between Drippers (m)						
	0.20	0.30	0.40	0.50	0.60	0.75	1.00
0.8	524	678	815	940	1055	1215	1460
1.2	435	564	678	782	878	1011	1215
1.6	361	469	564	650	730	842	1011
2.1	303	394	474	456	614	708	850
3.4	222	289	348	401	451	520	625

» On flat ground

» Representative tables only. For further information, please refer to the Irrimeter software.



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