

# LABYRINTH STAKE ELBOW

A Perfect Solution for Pot and Nursery Bag Irrigation



## Feature & Benefits



### Stake with Inbuilt Emitter

Turbulent flow path with stake for correct and stable positioning of the dripper.



### Easy to Install Angular Shaped Stake

Prevents tube snap-off and reduces stresses on the tubing.



### No Environmental and Chemical Effects

UV stabilised does not have any environmental effects. Resistant to chemicals used in agriculture.



### Uniform Dispersion of Water

Drop split knife helps for water dispersion to cover maximum root zone area.



### Special Provision of Inspection Window

Facilitates visual observation of falling droplets.



### Multipurpose Utility

Can be used as an independent dripper or with online emitter to divide the flow uniformly.



More Crop Per Drop®

# Labyrinth Stake Elbow

## Additional Features

- **Precise injection moulded flow path** : Provides uniform distribution of water when used with the dripper and multioutlet connectors in pot/bag irrigation.

## Applications

- Suitable for pot irrigation, nurseries, glass/green houses, vegetables, home gardens.

## Specifications

Performance Chart - Labyrinth stake elbow when used independently,

Pressure, kg/cm <sup>2</sup>	0.5	1.0	1.5	2.0
Discharge, lph	1.5	2.1	2.5	3.0

- Recommended extension tube : 3 mm ID (5mm OD) vinyl tube.

## Operating Specifications

### When working with multiple outlets

- Minimum recommended working pressure: 1 kg/cm<sup>2</sup>.
- Minimum recommended flow per outlet:
  - Flat surface and uniform tube length - 0.5 l/h
  - On a slope or uneven elevation - 1.0 l/h
- When used with dripper and multi-outlet connector, ensure that level difference between the pots/bags shall not be more than 5cm.
- Filtration recommendation 130 micron or less. Actual quality of filtration can be decided by quality of source water.
- Please refer to our "Maintenance Manual" for further details.

## Recommended Combinations

Number of outlets	Nominal discharge, lph					
	1 to 2	2 to 3	3 to 4	4 to 5	5 to 8	8 to 12
2					-	-
3	-				-	-
4	-	-				-
5	-	-				-
6	-	-				
	Only on flat surface and with uniform tube length.					
	For All conditions, including slopes and uneven elevations.					

## Dripper Labyrinth Stake Assembly



Single Way Assembly.  
Standard tube length  
30/60/75 cm



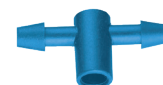
Single Way  
Connector



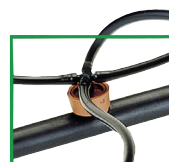
6mm Poly  
Takeoff



Two Way Assembly. Standard  
tube length 30/40/90 cm



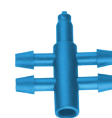
Two Way Connector



Four Way and multistack  
connector



Four Way  
Connector



Four Way  
Multi level  
Connector



**Drop Guide Stake**  
Available on demand

## Ordering Specifications

Code	Discharge (lph)
802830J	1 kg/cm2

© Copyright: This catalogue has been prepared for providing information about Jain Irrigation Systems Ltd. Jalgaon, India, to the present/ prospective customer. This catalogue material contains proprietary and confidential information about the company. It should not be used for any purpose, other than the purpose specified here. No part of this information should be disclosed, reprocessed, copied or stored in any manner without the prior consent, in writing, from the company.  
The actual use of the products by the purchaser / customer is beyond the control of JISL and JISL can not be held responsible for any loss and/or any consequential liability arising out of incorrect or faulty or mis-use of the products.



Tel: +91-257-2258011; Fax: +91-257-2258111; E-mail: jisl@jains.com; Website: www.jains.com;

Toll Free: 1800 599 5000

