

# 'Best Value' Drip Irrigation Products High Quality Yet Affordable

Right Choice of Every Farmer



Driptech offers 'affordable drip irrigation solutions'; innovative novel high performance drip irrigation system at affordable cost. The company's flagship product Laser punched Dripline is a breakthrough innovation which delivers the benefits of drip irrigation technology at a cost which is much lower than the traditional drip system.

We now offer a basket of products all of which offer the same value proposition to the farmers - benefit of good quality Drip irrigation system at affordable cost ('Best Value'). We also specialize in drip irrigation solution for small plot farmers, and have unique products for smallest of the small farmers – even for a garden of 10 square meters!

The company founded in USA, is now a subsidiary of one of the global leaders in micro irrigation based in India.



**drip**  
TECH  
Best Value Drip Irrigation  
A JAIN IRRIGATION COMPANY

# LASER DRIP

Laser Punched Dripline - A Break Through Technology now in India

- **Highly Economical** - Drip technology delivered at cost effective manner
- **Low Incidence of Clogging** - Little Maintenance
- **High Flow Rate** – Faster Irrigation, Saving in Electricity
- **Work even if the water quality is not good.**
- **Works On Low Pressure** (even @ 0.1 Bar)
- **Uniform Discharge**
- **High Flow Rate** – Faster Irrigation, Saving in Electricity



## Technical data

- Diameter 16mm
- Discharge 8lph @ 0.2 kg/cm<sup>2</sup> (2m.)
- Available in 5 & 8 mil wall thickness.
- Hole spacing from 30, 45, 60, 75 & 90 cm
- Bursting pressure 1.5 kg /cm<sup>2</sup>

## Laser Punch Hole



## Needle Punch Holes



Laser made uniform holes do not get deformed over time and gives uniform discharge always

## Highly demanded on

- Vegetables : Onions, Tomato & Chilies
- Cotton
- Banana
- Sugarcane
- And many others row crops



# LASER SPRAY

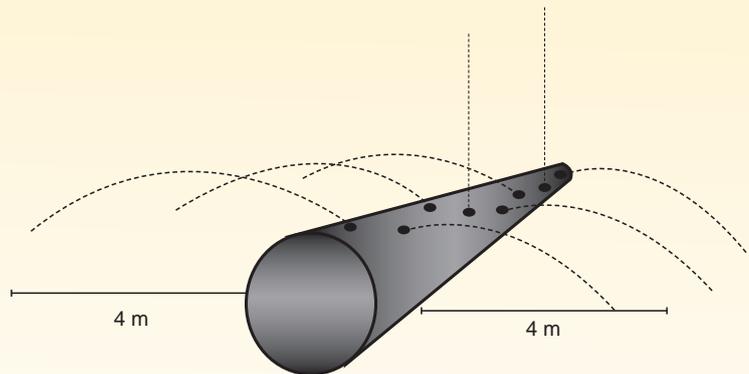
Laser punched pipe used for water spraying system

- Fast irrigation – energy saving
- Easy movement
- Works on low pressure
- Low incidence of clogging
- No filter
- Economical compared to sprinklers



## Technical data

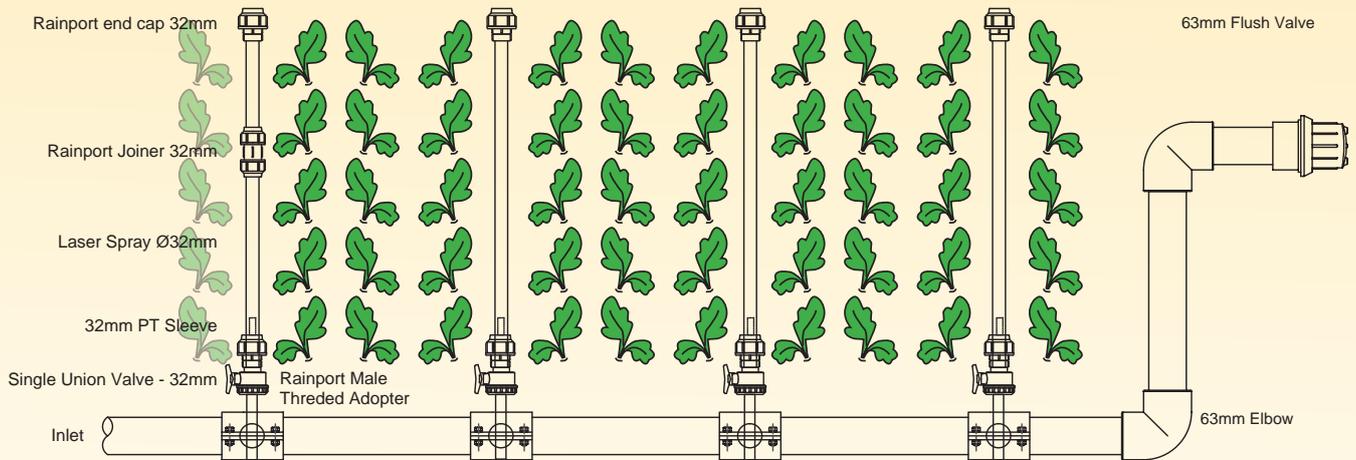
- Diameter 32mm
- Wall thickness 300 micron (12 mil)
- Operating Pressure 0.7 kg/cm<sup>2</sup>
- Discharge of 155lph per mtr. @0.7kg/cm<sup>2</sup>
- Wetting diameter 8m.
- Approx. Permissible length 45m
- Recommended pipe spacing 5m for best wetting pattern.



**Wet your field  
like natural Rain**



# Standard Installation Layout



**'Laser Spray' - Bill of Material for 1 Acre**

SKU	Materials Description	Qty. /Acre
DIPLR	'Laser Spray' 32 mm Dia*300 micron	800 m
DRJ32	Rainport Joiner 32 mm	08 nos
DRPPTS3201	PT Sleeve	40 nos
DRPMTE3201	Rainport Male Threaded Adaptor 32 mm	12 nos
DRPE6322	Rainport End Cap 32 mm (Optional)	12 nos
DSS063100	Rainport Service Saddle 63 mm*32 mm	12 nos
DSUV32HFM	Ball Valve SU Rainport connection 32 mm	12 nos
TT	Teflon Tape	1 nos
PF250MLTIN	Solvent 250 ml	1 nos
HDT25MDT	Hand Drill 25 mm Metal	1 nos

## Fittings for Laser Spray



Joiner



Male Threaded Adaptor



End Cap



Service Saddle



Threaded Tee



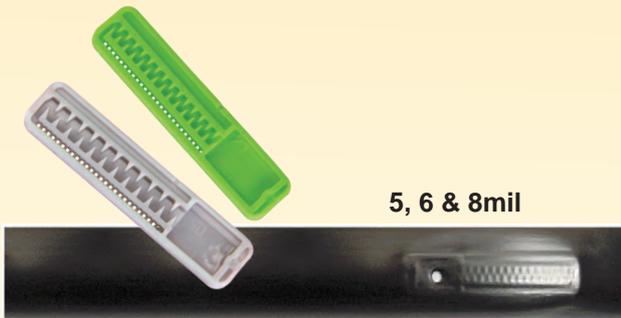
Ball Valve -SU



Sleeve

## DT-Thin Wall

Thin Wall Dripline with Flat Drinker Inside



- Good Quality yet Economical
- Finest Drinker
- Uniform and high precision discharge.
- Weir Structure Prevents Sand Particles to enter flow path
- 3 Dimensional filtration which enables clog
- Free operation even under high clog risk conditions.

### Technical data

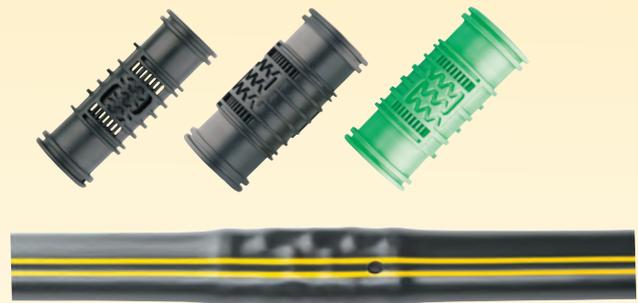
- Diameter 16mm
- Wall thickness 5, 6 & 8mil
- Nominal Discharge 4.4 lph at 1 kg/cm<sup>2</sup>
- Approx. Permissible length is 68m (for 4lph @ 0.40 m)
- Available dripper spacing from 30, 40, 60& 90cm.

### Application

- Green House and Nursery
- Cotton
- Chillies
- Cotton
- Many other vegetable crops

## DT-Dripline

Dripline with popular 'GOL' (round) Drinker Inside



- Cost effective; right choice for farmers
- Filtration area of 34mm<sup>2</sup> - Larger than most of the other drippers.
- Round shape permits wide flow path cross section to avoid clogging due to salt precipitation.
- Clog resistance turbulence flow path.
- Unique design -least obstruction to flow, results maximum running length.
- Precision laser drilled outlet gives uniform and clear opening.
- Multiple outlets breaks vacuum inside the emitter thus avoids soil suck back into the emitter.
- Specially designed emitting pipe ploy fittings are available.

### Technical data

- Class 1 Dripline with 0.5-0.6 mm wall thickness.
- Diameter of 16mm.
- Nominal discharge: 4.0 lph at 1 kg/cm<sup>2</sup>.
- Maximum Running length is 55m.
- Emitter spacing from 30, 40, 50 & 60cm.

### Applications

- 'DT-Dripline' is used for closely spaced row crops like Sugarcane, Cotton, Banana and many more vegetables..



# InstaKit

## Ready to Use Semi Assembled Drip Irrigation Kits

An innovative product to enable small farmers to adopt drip irrigation technology.  
Popular in Africa, SE Asia & Indian sub-continent among small farmers

- Complete kit contains all components and tools
- Works with pumps as well as on gravity pressure
- Simple and quick to install
- Easy to operate and maintain
- Low cost – quick pay back

### Available for Plot sizes

1 Ha  
1 Ac  
½ Ac  
1000m<sup>2</sup>  
500m<sup>2</sup>

### Complete Drip System

- Contains all components of drip system except mainline
- Filter
- Venturi
- Layflat Submain
- Dripline - 'Laser Drip'
- All accessories , fittings & tools
- Comes in three boxes – Easily transportable

### Technical data

- Used 'Laser Drip' dripline 16mm dia.
- 8 mil wall thickness
- Dripper spacing 30 & 45cm
- Discharge 8lph at 0.2 kg/cm<sup>2</sup>



# DT - Gravity Kit

Ready to Use Semi Assembled Drip Irrigation Kits

Run on gravity - ideal for small plots  
Popular around the world...!!

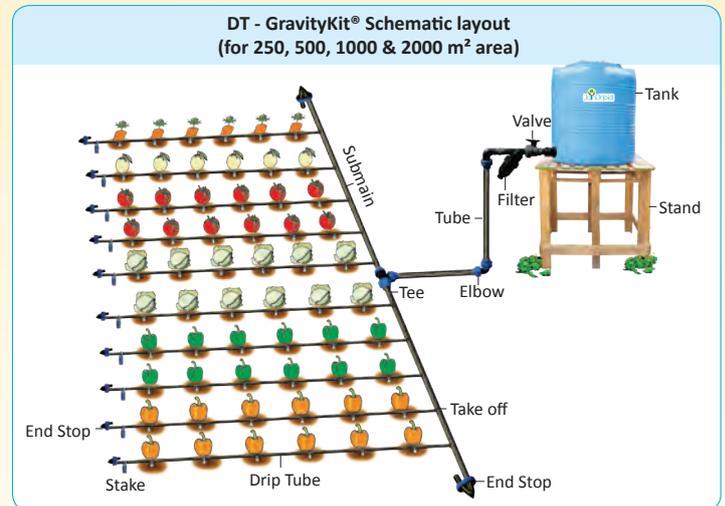
- Complete Kit contains all required components
- Works on gravity pressure – Saves Energy
- Easy to install and disassemble
- Easy to operate and maintain
- Best quality in affordable price

## Available for Plot sizes

- 2000m<sup>2</sup>
- 1000m<sup>2</sup>
- 500m<sup>2</sup>
- 250m<sup>2</sup>
- 30m<sup>2</sup>
- 10m<sup>2</sup>

## Complete Drip System

- Contains all components of drip system except mainline
- Filter
- Flexible Submain
- All accessories, fittings & tools
- Comes in three boxes – Easily transportable



# DT - Poly Tube

## High quality Poly tube for online Solutions

- Black in color with identification line
- Manufactured from virgin LLDPE using advanced extrusion technology.
- Excellent characteristics of LLDPE provide durable tubing with close dimensional tolerances.
- UV stabilized.
- Smooth inner surface minimizes frictional losses.

### Technical Specification

- Available in 12mm & 16 mm Diameter.
- Available in different wall thickness based on working pressure (Class 1 & Class 2).

Available in various thickness's to meet all your needs



Best in Class Plain lateral

For 16mm DT Polytube		
Specifications	Thickness in mm	
Class 1	0.8 - 1.0 (OD)	0.5 - 0.6 (ID)
Class 2	1.1 - 1.3 (OD)	0.7 - 0.9 (ID)

For 12mm DT Polytube		
Specifications	Thickness in mm	
Class 1	0.6 - 0.8 (OD)	0.4 - 0.5 (ID)
Class 2	0.9 - 1.1 (OD)	0.6 - 0.7 (ID)

OD - Outer diameter; ID - Inner Diameter

### Dripline & Polytube Accessories



### PVC Pipe and Fittings



### Accessories & Tools



For details of complete range, please refer our Product Portfolio & Pricelist



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