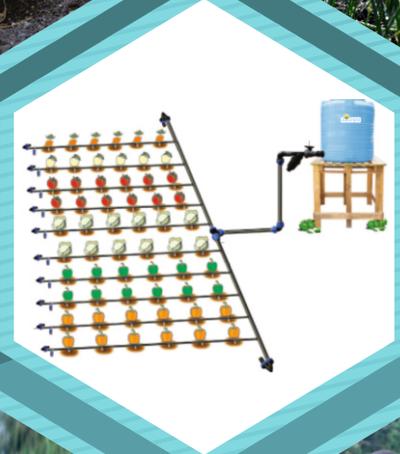


# PRODUCT PORTFOLIO



## New Revolutionary Drip Irrigation Technology

Driptech products give '**Best Value**' for farmers' investment; they bring the benefit of Drip Irrigation technology at much lower investment than traditional Drip Irrigation system with multiple additional benefits. This has been made possible through **New Technology** and **Product** innovation.

Driptech's **break-through innovation of Laser-Punched Dripline** created a new paradigm in Drip Irrigation. It Made Drip Irrigation: **Highly economical, Highly energy efficient, Virtually maintenance free.**

**About Us:** Driptech originally founded in the USA, is now a subsidiary of M/s. Jain Irrigation Systems Ltd., a global leader in micro irrigation.

## 'LASER DRIP'

### UV-Stabilized Laser Punched Dripline.

Dia: 16, 20 mm  
Discharge – 4 at 0.2kg/cm<sup>2</sup>

#### Thickness :

- 125 micron (5 mil)  
(320 & 800 mtrs. roll)
- 200 micron (8 mil)  
(200 & 500 mtrs. roll)

#### Dripper Spacing :

30 cm  
45 cm  
60 cm\*

OTHER SPACING AVAILABLE ON ORDER



\*Make to Order

## 'LASER DRIP GOLD'

### ● STRONG ● TOUGH ● LONG LASTING UV-Stabilized Laser Punched Dripline.

Dia: 16 mm  
Discharge: 4 LPH at 0.2kg/cm<sup>2</sup>

#### Thickness :

**(0.4mm)**  
Roll Size 300 mtrs.

#### Dripper Spacing :

30 cm  
45 cm  
60 cm\*

Make to Order

## 'LASER SPRAY' – LASER PUNCHED SPRAY IRRIGATION PIPE

UV- Stabilized Laser-punch spray line: 20, 32 & 40 mm diameter  
Thickness 200 Micron (20mm), 300 Micron (32 & 40mm)  
Discharge: 172-175 LPH per mtr. at 0.7 kg/cm<sup>2</sup> (32 & 40mm)  
40-42 LPH per mtr. at 0.7 kg/cm<sup>2</sup> (20 mm)  
Wetting Radius: 32mm & 40mm (8mtr) & 20mm (4mtr)

#### Applications:

Used for **Spray irrigation** for close spaced & low height crops like vegetables.

An unique economical substitute for micro sprinkler

Roll size 100mtrs.



## 'DT - THIN WALL' - THIN WALL DRIPLINE WITH FLAT DRIPPER INSIDE

UV-stabilized dripline with flat drippers inside.  
16 mm dia, Discharge rate – 4.4 LPH at 1 kg/cm<sup>2</sup>  
Available in 1000 mtr. Roll size.

#### Thickness :

125 micron (5 mil)  
150 micron (6 mil)  
200 micron (8 mil)

#### Dripper Spacing :

30 cm  
40 cm  
50 cm



## 'DT – DRIPLINE'- CLASS I DRIPLINE WITH 'GOL' (ROUND) DRIPPERS INSIDE

UV-stabilized Class I dripline with 'GOL' (round) drippers inside. Drinker with Multiple outlets.

Available in 12 mm & 16 mm diameter.

Discharge Rate – 2.2, 4, 8 LPH. at 1 kg/cm<sup>2</sup>

Available in 400mts & 300mtr. Roll size.

Thickness : 0.50mm  
**0.40mm**

#### Dripper Spacing :

30, 40, 50 & 60cm\*  
\* Make to Order



## 'DT- THICK WALL'- (Not Supplied In India)

UV-stabilized dripline with flat drippers inside.  
Diameter: 16 mm  
Thickness: 15 mil (0.375mm)  
Discharge: 1.6LPH@1kg/cm<sup>2</sup>



## 'DT- DURO LINE'

UV-stabilized dripline with flat drippers inside.  
Diameter: 16 mm  
Thickness: 0.5mm (Class I)  
Discharge: 1.6LPH@1kg/cm<sup>2</sup>



## 'DT- POLY TUBE'- PLAIN LATERAL FOR ONLINE DRIP SYSTEM

#### UV-stabilized Poly Tube

- Dia: 16mm (OD based) thickness 0.8mm (Class 1)  
Roll Size 400 mtr.
- Dia: 16mm (ID based) thickness 0.5mm  
Roll Size 300 mtr.



## 'DT- J LOCK DRIPPER'- DRIPPER FOR ONLINE DRIP SYSTEM

#### 'DT-J Drinker'

Discharge: 2 / 4 / 8 / 15 LPH



## DT-FLEXI PIPE

An economical and user friendly option for water conveyance/Drip Irrigation

Flexible lay-flat Pipe.

#### Usage:

- Main/Sub-main line of Drip Irrigation/water conveyance
- UV resistant, need not be buried underground.
- Easy to transport unlike PVC pipes
- Economical than HDPE & PVC pipes



DT-FLEXI PIPE being used as sub-main in drip irrigation

#### Technical Specification:

- Diameter : 63 mm\*
- Thickness : 1.05 mm
- UV stabilised
- \* other sizes available against order

Roll Size 150mtr



## ACCESSORIES FOR MICRO IRRIGATION SYSTEM

### FILTER- DT SUPER FLOW PLASTIC SCREEN FILTER- 2 WAY

#### Inlet /outlet Filter capacity :

- 32 mm (1") - 7m3/Hr
- 63 mm (2") - 20-25m3/Hr
- 75 mm (2.5") - 25 -40m3/Hr
- 90 mm ( 3") - 40 -50 m3/Hr



### VENTURI ASSEMBLY

- Inlet/outlet: 63 mm (2"). Durable plastic.
- Suction capacity: 1200 -1600 LPH
- Length : 15 inches



### PRESSURE GAUGE

Pressure Gauge with needle  
4.2 Kg/Cm<sup>2</sup>, 1/4" Fitting  
0.1 - 1.0kg/Cm<sup>2</sup>  
Special Pressure Gauge for measuring low pressure



## FITTINGS FOR LASER DRIP AND DT-THIN WALL

#### Grommet

(For 16 mm Dripline/lateral)



#### Take off

(For 16 mm Dripline/lateral)



#### Branded Take off



#### Joiner

(For 16 mm Dripline/lateral)



#### "C" Clip

(For 16 mm tube holding stake)



## LASER SPRAY COMPONENTS AND FITTINGS

#### Rainport Service Saddle 63mm x 32 mm



#### Rainport Threaded Tee 32mm



#### Ball Valve- SU Rainport Connection 32mm (HFM)



#### Ball Valve- SU Rainport Connection 32mm (FRP)



#### Rainport Male Threaded Adaptor 32mm



#### PT Sleeve 32mm



#### Rainport Joiner 32mm



#### Rainport End Cap, 32mm



## FITTINGS FOR DT- DRIPLINE 0.5 MM WALL THICKNESS

#### TAKE OFF

(POLY GROMMET TAKE OFF 16 X 13)



#### JOINER

EMITTING PIPE JOINER 16X16 OD



#### END STOP

DRIPLINE END STOP "8" SHAPE 16 MM



## FITTINGS FOR 'DT- DRIPLINE 0.4MM WALL THICKNESS'

#### TAKE OFF

DRIP TAPE CAP LOC POLY TAKE OFF



#### JOINER

Drip Tape - Cap Loc Joiner



## FITTINGS FOR 'DT-POLY TUBE'

#### TAKE OFF

POLY GROMMET TAKE OFF 16 X 13



#### JOINER

JOINER 16mm



#### END STOP

LATERAL END STOP "8" SHAPE 16 MM



#### POLYTUBE TO THINWALL JOINER

TAPE LOC X POLY HOSE CONNECTOR



#### "S" HOSE PUNCH



## VALVES

#### NON-RETURN VALVE



#### BALL VALVE



#### PP BALL VALVE



#### ARV VALVE



#### FLUSH VALVE



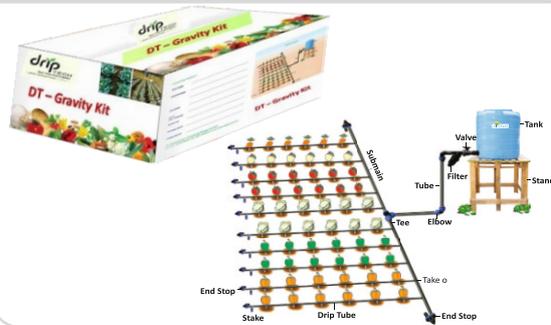
## PVC PIPES & FITTINGS



All Pvc Fittings & Pipes Are Available

## 'DT – Gravity Kit' - READY TO USE SEMI-ASSEMBLED DRIP IRRIGATION

KITS INCLUDING ALL ACCESSORIES AND FITTINGS. (SYSTEM TO BE RUN ON GRAVITY PRESSURE)



Contains all the required items for drip system.

- Super Flow Inline Filter
- Flexible Sub Main & Mainline
- Dripline: DT Thin Wall (6mil/8mil)/Class II Dripline\*
- All fitting / accessories.

\* Made to order

### DRIPLINE

DT-Thin Wall 16mm Dia.  
 Driper Discharge 1.6 LPH  
**Thickness :** 6mil / 8mil / Class-II (12mm dia)  
**Dripper Spacing:** 30cm

Customized kit available on demand

PLOT SIZES IN SQ. METER

4000 (1 Acre)*
2000 (1/2 Acre)
1000
500
250
100
30

## INSTAKIT - READY TO USE SEMI-ASSEMBLED DRIP IRRIGATION KITS

### INSTAKIT- BEST VALUE DRIP IRRIGATION KIT

Ready to use semi-assembled drip irrigation kits including all accessories and fittings.

#### CHOICES OF DRIPLINE:

##### LASER DRIP

**Diameter:** 16 mm  
**Thickness:** 8 mil (0.2mm)  
**Discharge:**  
 2LPH@0.2kg/cm<sup>2</sup>

##### LASER DRIP GOLD

**Diameter:** 16 mm  
**Thickness:** 16 mil (0.4mm)  
**Discharge:**  
 4LPH@0.2kg/cm<sup>2</sup>

##### DT-THICKWALL

**Diameter:** 16 mm  
**Thickness:** 15 mil (0.375mm)  
**Discharge:**  
 1.6LPH@1kg/cm<sup>2</sup>

##### DT-DUROLINE

**Diameter:** 16 mm  
**Thickness:** 0.5mm (Class I)  
**Discharge:**  
 1.6LPH@1kg/cm<sup>2</sup>

Customisation on demand is possible



\* Kit with different dripline is available on demand

Contains all items required for installing a drip system

#### Items included

- Laser Drip Dripline
- Lay Flat Submain
- Lay Flat Take offs
- Other fitting accessories (NRV, Connector coupler, Nipple Collar, PVC fittings, Solvent, Teflon Tape, Spanner, Ring Clamps etc.)
- Filter Assembly
- **Venturi Assembly Unit**
- Bypass Unit
- Splitter assembly wherever needed.

\* Standard packing for 1.2 meters row spacing. Kits for different row spacing available on demand

KIT FOR PLOT SIZE		PACKING IN BOXES
ACRE	SQ. MTR	
1 Hectare	10000	9 boxes
1 Acre	4,000	3 Boxes
1/2 Acre	2,000	3 Boxes
1/4 Acre	1,000	2 Boxes
1/8 Acre	500	1 Boxes
EXTENSION KIT (WITHOUT FILTER & VENTURI) (For extending existing kit installation)		
1 Acre Extension	4,000	2 Boxes
1/2 Acre Extension	2,000	2 Boxes

## SPARE PARTS FOR INSTAKIT

#### DT-Flexi Pipe (Layflat)

(for Main/Sub Main/for water conveyance)  
 Thickness: 1050 Micron  
 Dia: 63mm 80 mtrs , Roll Size: 50, 150mtr



#### PUNCHING TOOL

For DT-Flexi Pipe 17mm  
 (for 16 mm drip tape)



#### TAKE-OFF

For connecting Lay Flat to 16mm drip tape



#### LAYFLAT TO LAYFLAT

Coupling For 63mm pipe



#### 'O' - RING

For Layflat-To-Layflat Coupling For 63mm pipe. Metal



#### LAYFLAT-TO-PVC COUPLER

(Threaded Hose Nipple Collar) 65mm X 50mm, PP



## 'DT – Garden Kit' - READY TO USE MANUAL & AUTOMATED DRIP IRRIGATION SYSTEM

Kit for Garden, Terrace garden, potted plant etc.



**GardenKit** - Ready to use Drip Kits for **6 sq.mtr & 10 sq.mtr Area**  
 Can irrigate **24 pots & 60 pots** at a time respectively.

Available also with **Automation - Automatic on/off.**

## DRIPTECH'S 'BEST VALUE' SPRINKLERS

### DRIPTECH'S 'BEST VALUE' SPRINKLERS

#### Options for QRC Pipe

- 75mm, 63mm



#### Option for Risers

- Plastic
- GI



#### Nozzle

**Model No. 5035 SD LP**  
 Nozzle: 5 & 8 nos. of sprinkler head with 5.0 mm X 2.5 mm nozzle size

#### Option for Clamps

- C Clamps
- Metallic Latching Clamp
- PC Clamp (Plastic Clamp)



PC Clamp (Plastic Clamp)



Metallic Latching Clamp



C Clamps