

Paras - Drip Irrigation System

AS PER IS : 12786 : 1989 & IS 13487



Lateral

IS 12786

 CML-7878411



Emitter

IS 13487

 CML-7899722



Available Size - 12mm to 20mm

Main Features

Lateral -

- 1) PARAS Lateral Pipe Manufactured from using advanced extrusion technology.
- 2) Excellent characteristics of LLDPE provide durable tubing with close dimensional tolerances.
- 3) No effect of UV radiations.
- 4) Excellent Environment Stress Cracking Resistance.
- 5) Smooth inner surface minimizes frictional losses.
- 6) Manufactured as per ISI Standards.
- 7) Excellent flow characteristics.

Dripper

- 1) PARAS Dripper Manufactured from virgin plastic for stable performance.
- 2) Turbulent flow path with wide cross sectional area make the dripproclog resistance.
- 3) Openable Dripper easy to clean.
- 4) No effect U V radiations.
- 5) No environmental effects.

Filter (Screen & Sand)

- 1) Mild steel construction.
- 2) Powder coated for protection against corrosion.
- 3) Easy to open and clean.
- 4) Flow direction out to in.
- 5) Drain valve at the bottom facilities effective flushing.
- 6) Effective back wash arrangement.
- 7) Maximum operating pressure 10Kg/cm²
- 8) High filtration efficiency due to uniform grade of silica sand having size 0.7 mm to 1.20 mm and outlet candles.

Applications

- 1) For fruit crops like Grapes, Pomegranate, Ber, Mango, Sapota, Guava, Anjeer, Amla, Banana, Jambhul, Cluster Apple and other.
- 2) For close spacing crops like Sugarcane cotton, various types of vegetables and medicinal plants.

Benefits

- 1) Saves water upto 70%. More land can be irrigated with the available water.
- 2) Crop grows consistently, healthier and mature fast.
- 3) Early maturity results in higher and faster returns on investment.
- 4) Increase in yield upto 50%
- 5) Fertiliser use efficiency increases by 30%
- 6) Undulation & hilly lands can be brought under cultivation.

