

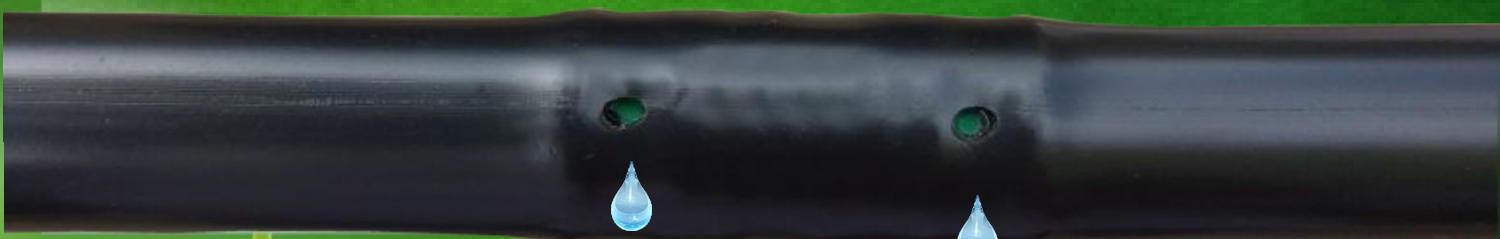


VedantaTM
Irrigation Systems Pvt. Ltd.

Vedanta Drip



MORE
PERFORMANCE...
MORE
DURABILITY....



Moving Towards Green Revolution ...



ABOUT US

Vedanta Irrigation Systems Pvt. Ltd. is a drip pipe manufacturing company based in Garden City Bangalore, Karnataka, established in the year 2010. We are high quality manufacturers of drip irrigation equipments, ball valves, emitting pipe and other drip irrigation products. Through its popularity, widely deployable manufacturing systems, Vedanta produces affordable, high-quality irrigation systems designed for small-plot farmers & large farmers. The products are designed and manufactured as per the Bureau of Indian Standards considering maximum quality, performance and long life. Vedanta Irrigation Systems Pvt. Ltd. ensures products that save water, time, energy and money. The company distributes its products through state governments, distributors and dealers across India.

FEATURES OF VEDANTA DRIP

Compared to flood irrigation or relying on rainfall, drip irrigation increases crop yields 20-60% and requires less labour and less money. With our advanced manufacturing technology, Vedanta is able to produce high quality drip irrigation systems with affordable price. Vedanta drip irrigation equipments are manufactured using high quality raw materials and state of the art machines, which will give consistent quality. Vedanta drip irrigation equipments are result of extensive research and experience, so that user can be assured of quality and performance. The equipments pass through stringent quality tests before reaching the end user.



IMPORTANCE OF DRIP IRRIGATION

Irrigation is the artificial application of water to the land or soil. It is used to assist in the growing of agricultural crops, maintenance of landscapes, and revegetation of disturbed soils in dry areas and during periods of inadequate rainfall. Additionally, irrigation also has a few other uses in crop production, which include protecting plants against frost, suppressing weed growing in grain fields and helping in preventing soil consolidation. In contrast, agriculture that relies only on direct rain fall is referred to as rain-fed or dry land farming. Recycled and filtered sewage water can also be used for drip irrigation.

Drip irrigation, also known as trickle irrigation or micro irrigation or localized irrigation, is an irrigation method that saves water and fertilizer by allowing water to drip slowly to the roots of plants, either onto the soil surface or directly onto the root zone, through a network of valves, pipes, tubing, and emitters. It is done through narrow tubes that deliver water directly to the base of the plant.

BENEFITS OF VEDANTA DRIP

- The best and strongest inline cylindrical and flat drip in the market.
- Highest tear resistance, not influenced by changes in day and night temperature.
- Resistance to Agriculture Chemicals, Ultraviolet Rays & High Temperature.
- Superior clog resistance.
- Excellent internal filtration.
- Excellent emission uniformity.



THE ADVANTAGES OF VEDANTA DRIP IRRIGATION

- Fertilizer and nutrient loss is minimized due to localized application and reduced leaching.
- Water application efficiency is high.
- Field leveling is not necessary.
- Fields with irregular shapes are easily accommodated.
- Recycled non-potable water can be used.
- Moisture within the root zone can be maintained at field capacity.
- Soil type plays less important role in frequency of irrigation.
- Soil erosion is minimized.
- Weed growth is minimized.
- Water distribution is highly uniform, controlled by output of each nozzle.
- Labour cost is less than other irrigation methods.
- Variation in supply can be regulated by regulating the valves and drippers.
- Fertigation can easily be included with minimal waste of fertilizers.
- Foliage remains dry, reducing the risk of disease.
- Usually operated at lower pressure than other types of pressurised irrigation by reducing energy costs.

BEST QUALITY
AFFORDABLE
EASY TO USE

RANGE OF VEDANTA PRODUCTS :

Emitting Pipe (cylindrical drip pipe) with ISI standards

- Available in 12mm & 16mm dia with dripper spacing of 30cm, 40cm, 50cm & 60cm
- Available with 2lph & 4lph water discharge.
- Suitable to irrigate closed spacing crops or row crops like sugarcane, vegetables, banana, cotton, flowers, mulberry etc.



Emitting Pipe (Flat drip pipe) with ISI standards

- The large cross-sectional area of hydraulically designed turbulent flow path of the drippers prevents clogging.
- It is easy to roll-back and re-lay on the field.
- Available in 12mm & 16mm dia with standard spacings of 30, 40, 50 & 60cm.
- Suitable for all horticulture crops, floriculture crops, mulberry, cotton, sugarcane, banana etc.



Irrigation Laterals (Online drip system) with ISI standards

- Available in 12mm & 16mm & 20mm dia pipe size.
- Laterals are made of high quality LLDPE virgin materials which are resistant to UV, chemicals & fertilizers used in agriculture.



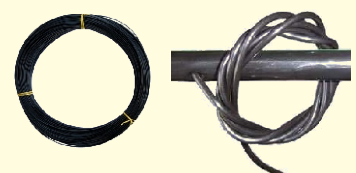
Emitters (drippers) with ISI standards

- Available in 4lph & 8lph water discharge.
- Designed for easy cleaning of dripper labyrinth.



Microtube / Spagative tube

- Available in sizes 1.2mm, 1.5mm, 2mm, 3mm & 6mm etc.



Screen Filter & Disc Filter

- Highly efficient due to 3 dimensional filtration in disc filter.
- Body made up of non-corrosive plastics.
- Easy for opening & closing for daily maintenance.
- Resistant to chemical & fertilizers used in irrigation.
- Available in nominal sizes 2", 2.5" & 3" with 25, 30, 40 & 50m³/hr flowrate.



Hydrocyclone Filter

- Available in nominal sizes of 2", 2.5", 3" & 4" capacity.
- Made of non-corrosive plastic body.
- Used to separate the sand, silt or particles heavier than water.



Sand Filter

- Available in 2", 2.5", 3" & 4" nominal size
- Effective in removal of all types of physical impurities-organic/inorganic, algae, silt, clay & suspended particles etc.
- Especially it is recommended in case of open well, river, canal, dam water sources.



Fertilizer Tank

- Used to supply fertilizers and chemicals to the plants with irrigation water.
- Fertilizer tanks available in 30, 60 & 90 ltr. capacity.



Ventury Injector

- Used to inject chemicals and fertilizers through irrigation water directly to the root zone of plants.
- Works on the differential pressure across the ventury tube.
- Required quantity of fertilizers can be applied accurately through this system.
- Available in 3/4", 1", 2" & 2.5" sizes.

Ball Valves & Drip Irrigation Fittings

- Available all types of drip irrigation accessories & fittings.
- Available all types of irrigation ball valves in all sizes.



Ezee Drip Tape

- Thin walled quality flat drip tape.
- Economical and affordable price.
- Suitable for all vegetable crops, sugarcane, cotton etc.
- Available in 16mm dia with 0.2mm and 0.4mm wall thickness.
- Available in 500mtr & 1000mtr rolls.

