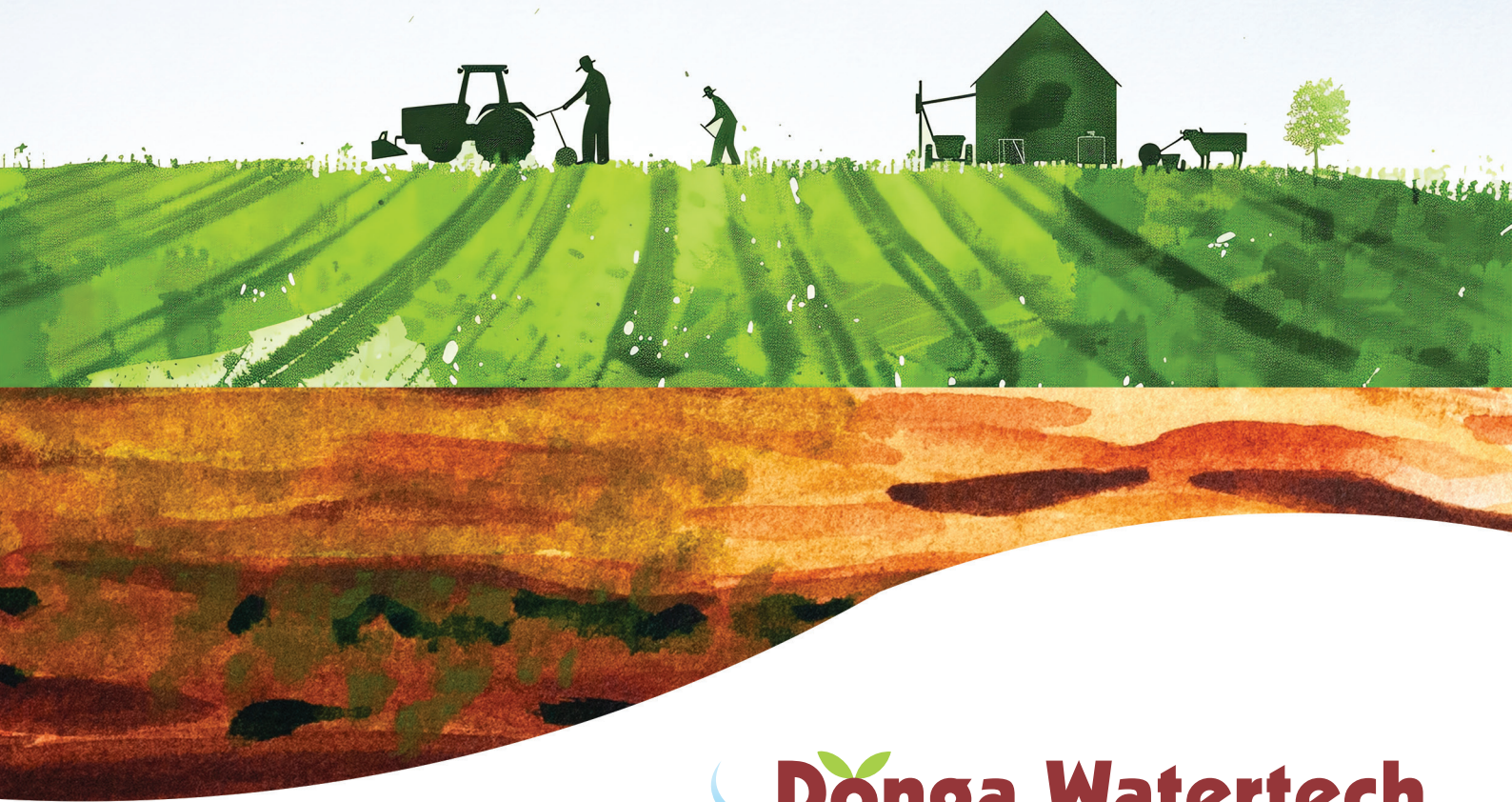




 **Donga Watertech**
PRIVATE LIMITED

MICRO IRRIGATION | PIPES | WATER TECHNOLOGY

Index

About Us

Innovating Water. Enabling Growth.

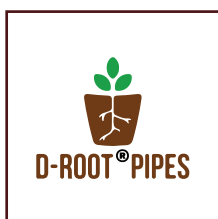
Donga® Water Tech Private Limited, under the flagship brand “DONGA”, is a leading and active manufacturer of micro-irrigation systems and advanced water-technology solutions in India. Since its inception in 2011 in Sanand, Ahmedabad (Gujarat), the company has been committed to transforming the way water is managed, conserved, and utilised across agriculture and allied sectors.

Who We Are

Built on a vision to empower farmers and optimise water resources, Donga Water Tech has grown into a trusted name known for innovation, quality, and reliability. The company is government-approved for participating in state and central subsidy programs for agricultural irrigation projects—reinforcing its credibility and adherence to national standards.

People & Presence

With a dedicated team of 75 employees and an expanding network of 50+ dealers and distributors across India, DONGA is steadily strengthening its footprint in the agricultural market. The company’s central sales office ensures seamless coordination, customer support, and supply efficiency.



Manufacturing Excellence

DONGA® operates a modern greenfield manufacturing facility, equipped with precision technology and stringent quality systems. This facility allows the company to design, develop, and deliver high-performance micro-irrigation products tailored for diverse farming needs.

Strategic Location

Located near Sanand, the manufacturing facility and sales office is neighbouring to giants like Tata Nano & EV facility, Micron Semi-Conductor facility. Near to Ahmedabad & GIFT City & Mundra Port.

Warehouses & Storage Facility

The company has adequate warehousing sheds and storage capacity for loading and unloading raw material, semi-finished and finished goods as well as components and spare parts etc.

Rainwater Harvesting Facility

2,50,000 litre of fresh rain water is harvested annually for manufacturing and machinery circulation; Superior neutral water assists in making strong durable products and consistent manufacturing operation.

Renewable Energy

Solar Electricity product of 350 kWh for green initiatives for reducing carbon footprint and harnessing energy of sun for more sustainable operation and product manufacturing.



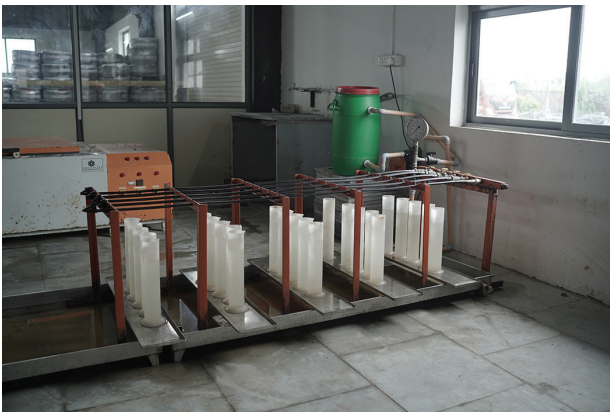
R&D & Quality Assurance

We engineer to withstand the diverse climatic conditions of India as well as global regions like Africa and other Asian countries while maximizing water-use efficiency.

Research & Development (R&D) – Engineering the Future

We focus on creating durable, clog-resistant, and high-efficiency systems through a rigorous development lifecycle:

- **Advanced Material Science:** Continuous experimentation with high-grade virgin polymers and additives to ensure longevity.
- **Product Prototyping:** Utilizing precision modelling to design products that ensure uniform water distribution across varying terrains.
- **Field Trials & Feedback:** Before a product reaches the market, it undergoes extensive real-world trials. We monitor flow rates and pressure resistance in diverse soil types.
- **Continuous Improvement:** Our R&D team works in tandem with agricultural experts to evolve our designs based on the changing needs of modern precision farming.



Activity

- Farmer training camps for awareness drive & information broadcast of micro irrigation system & new product launches.
- Participate in exhibitions & trade fairs.
- Farmer company visit for experiencing products, quality standards & manufacturing process.
- Dealer meetings.
- Employee & dealer annual tour.
- Promotional activity like door-to-door vehicle campaigning, wall painting, poster drive.
- Country delegate tour Visit to company.



Our Leadership

RAKESH DONGA (CHAIRMAN AND MD)



Mr. Rakesh Donga, founder and managing director of Donga Watertech Pvt. Ltd., is an accomplished entrepreneur and veteran in agricultural engineering with nearly three decades of experience.

He holds a diploma from Nirma University and a B.Tech in agricultural engineering from Gujarat Agricultural University. Before founding Donga Watertech in 2011, he held key leadership roles at Parixit Industries Ltd. and Netafim India Ltd., where he developed deep expertise in irrigation and micro-irrigation solutions.

He also served as a project manager at Gujarat Agro Industries Corporation, contributing to critical micro-irrigation projects across regions.

Under his leadership, Donga Watertech has grown into a provider of innovative and sustainable irrigation solutions, focused on water conservation, improved farm productivity, and advanced agricultural technologies.

His blend of technical expertise, industry experience, and strategic vision positions him as a trusted leader in the irrigation industry.

BHAVIN DONGA (DIRECTOR)



Mr. Bhavin Donga is a director at Donga Watertech Pvt. Ltd. with over 22 years of experience in micro-irrigation, PVC piping, and water-soluble fertilizer solutions.

He previously worked with John Deere India Pvt. Ltd., managing micro-irrigation sales across Gujarat, and spent over a decade at Nagarjuna Fertilizers, leading fertilizer sales and marketing for the micro-irrigation division.

His strong technical knowledge and market understanding help the company deliver customized and reliable irrigation solutions.

TILAK DONGA (DIRECTOR)



Mr. Tilak Donga is a second-generation promoter at Donga Watertech Pvt. Ltd. and a corporate lawyer turned entrepreneur.

A graduate from National Law University, Gujarat, he brings expertise in contracts and business strategy. He leads the plastic moulding division, working closely with production and sales to drive product innovation and expand market reach.



Donga Drip Irrigation Pipes

FLAT EMITTING PIPES

12mm to 25mm size

Specification

- Available in 12, 16, 20 & 25mm.
 - Available in PC (pressure compensated) and non PC emitters.
 - Available in class I, II & III as per ISI standards.
 - Available in varying discharge in accordance to crop or plant requirement — 1, 1.3, 2, 4 LPh.
 - Available in varying spacing from 20cm to 100cm.
- Also available in thin wall dimension.



Advantage

- Up to 70% water saving.
- Fertilizer saving.
- Strong virgin advance PE material.
- All weather & UV rays protection.
- Minimum fertilizer less nutrient loss, no weed growth between crops or plants.
- No requirement of leveling field, works on sloppy regions and irregular shape fields.
- Dry foliage reduces risk of bio-disease, hence less use of pesticide.
- Least labour & electricity cost.
- Water flow can be regulated.
- Agro-chemical resistance.
- Low maintenance, long life.



1.3 LPh



2.0 LPh



4.0 LPh





Donga Drip Irrigation Pipes

Round Emitting Pipes

6mm, 12mm, 16mm to 20mm size

Specification

- Size: 6mm, 12mm, 16mm & 20mm.
- Class I, II & III as per ISI standards.
- Discharge – 2, 4 & 8 LPh (Non PC)
2, 3.5 & 4 LPh (PC).
- Varying spacing from 20cm to 100cm.
- Group spacing (used in orchards).



Advantage

- Up to 70% water saving.
- Fertilizer saving.
- Strong virgin advance PE plastic material.
- All weather & UV rays protection.
- Minimum fertilizer required.
- Works on sloppy regions, irregular fields.
- Dry foliage reduces risk of bio-disease, hence less use of pesticide.
- Least labour & electricity cost.
- Agro-chemical resistance.
- Low maintenance.



Non PC



PC



Donga Head Control Unit

2", 2.5", 3" & 4" size

Specification

- Nominal flow rate 25 to 100 m³/hr.
- Maximum operating pressure 6 kg/cm².

Application

- Controls the pressure & flow for drip irrigation and mini sprinkler irrigation system.
- Fertilizer injection in drip & mini system possible.

Advantage

- No corrosion.
- Advance UV resistant body.
- Weather proof performance.
- Minimum maintenance.



Donga Fertilizer Injector

Ferti Expert

3/4", 1" & 2" in Inlet & Outlet

Application

- Suitable for injection of fertiliser up to 1200 LPh.
- Utility in fertigation process for fertilizer injection in drip system.
- Regulated agro-chemical injection.
- Suitable for acid treatment.

Advantage

- Zero electricity requirement.
- Operates at existing water pressure.
- Easy fit & low maintenance.
- Simple and convenient.
- No discharge loss.





Donga Hydrocyclone Filter

2", 2.5" & 3" size Inlet & Outlet

Specification

- Nominal flow rate 25 to 50 m³/hr.
- Maximum operating pressure 6 kg/cm².

Application

- Protection of micro irrigation system from choking.
- Filter for water source — close well for sand cleaning.

Advantage

- No corrosion.
- Advance UV resistant virgin PE material.
- Strong sand resistance.
- Weather proof performance.
- Minimum maintenance.
- Easy cleaning & drainage of waste discharge.



Donga Irrigation Pressure Gauge

Specification

- Connection of 1/4TH BSP male thread.
- Glycine filled for accuracy of + 2%.
- General purpose application.
- Irrigation pressure gauge adapter.



Donga Sand Media Filter

**0% Corrosion,
100% Efficiency**

2", 2.5", 3" & 4" size Inlet & Outlet

Application

- Protection of drip & micro irrigation system from choking.
- Filter for any water source - open well, pond, river.
- Use of wide range of fertilizers and agro-chemicals possible.
- Available in PN 4 & 6 pressure ratings.

Advantage

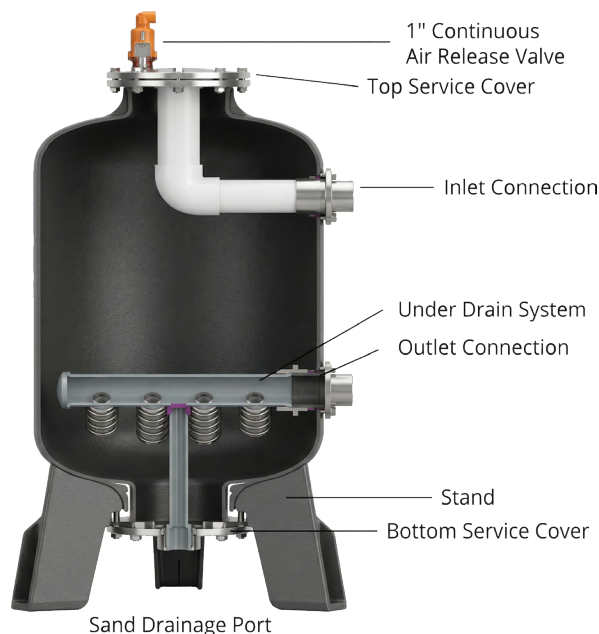
- No corrosion.
- Advance reinforce glass fibre which gives extra strenght & long life .
- Less weight in comparison to metal filter.
- Minimum maintenance.
- Available in semi & automatic version.
- Removes algae, fungus & physical impurities.
- Back flusing possible.



Single Media Filter upto 50 m³/hr



Double Media Filter for 100 m³/hr



Donga Disc and Screen Filter

Filter Experts

2", 2.5", 3", 4" & 6" size Inlet & Outlet

Specification

- Nominal flow rate 25 to 210 m³/hr.
- Maximum operating pressure 6 kg/cm².
- Filtration available in 80/120/150 mesh.

Application

- Protection of micro irrigation system from choking.
- Filter for any water source open well, pond, river.
- Use of wide range of fertilizers & agro-chemicals.
- Used in R.O. Plant and Industries.

Advantage

- No corrosion.
- Advance UV resistant virgin plastic.
- Weather proof performance.
- Minimum maintenance.
- Available in manual, semi-automatic & automatic disc & screen version.
- Double body disc & screen filter available in (3" & 4").



Manual



Semi-Automatic



Disc Element



Screen Element



Fully Automatic

Donga Air Release / Vacuum Relief Valve

Air Expert

1", 1.5" & 2" size

Specifications

- Removes excess volume air filled in pipe.
- Creates a positive vacuum when the line is draining.
- Double-acting function.

Advantage

- Protects irrigation lines.
- Advanced polymeric material.
- Aerodynamic design.
- No leakage at pressure drop.



Donga Pressure Release Valve

Kisan Ka Safety Valve

1" & 2" size

Specifications

- Advance coat aluminium body.
- Faster response time.
- Convenient setting (1.5 kg/cm² to 5.5 kg/cm²).
- Also available in PP Material.

Application

- Suitable for aluminum and high pressure plastic pipings used in irrigation systems.
- Protect piping system from damage caused by surge water pressure.





Donga Butterfly Valves

2", 2.5", 3", 4", 5", 6" & 8" size

Application

- Used in industrial & agriculture field for flow control in drip & mini sprinkler irrigation system and landscaping.
- Used as control valve for filtration system.
- Nominal pressure - PN-6 & PN-10.

Advantage

- Available in plastic & stainless steel disc.
- Light weight, easy assembly.
- No corrosion.
- Advance UV resistant virgin material.
- Weather proof performance.
- Available in plastic & aluminium body.
- Suitable for limited space PVC lines.



Alumium Body



Plastic Body

Donga Union Valves

1", 1.5", 2", 2.5" & 3" size

Application

- Flow control in drip, mini irrigation system and landscaping.
- Used in water treatment plant.
- Used as control valve for filtration system.
- Nominal pressure - PN-6 & PN-16.

Advantage

- Available in PP & PVC plastic material.
- Easy operation.
- No corrosion.
- Advance UV resistant virgin material.
- Weather proof performance.
- Suitable for limited space PVC lines.



Double Union



Single Union



Donga Ball Valve

Flanged & Solid Seal

2", 2.5", 3" & 4" size

Application

- Used in micro irrigation system.
- Diverts excess flow & reduce pressure.

Advantage

- No corrosion.
- Advance UV resistant virgin plastic.
- Weather proof performance.



Flange End Valve



Solid Seal Valve

Twin PCN & Flange

2.5" size

Application

- Used in micro irrigation system.
- Diverts excess flow and reduces pressure.

Advantage

- Minimum joints in main & subline.
- Increase area for drip & mini-sprinkler irrigation coverage.
- Low maintenance.
- SS clamp.
- Easy installation in sprinkler pipes.
- Reduces the number of PVC fittings.



Twin PCN Valve



Twin Flange End Valve



Donga Irrigation Lateral Pipes

12mm, 16mm, 20mm, 25mm & 32mm size

Specification

- Available in 12, 16, 20, 25 & 32mm.
- Available in class I, II & III as per ISI standards.
- Also custom made on requirement.
- Available in 100, 200 & 400 mtr.

Application

- Used in foggers, misters, jet sprays in greenhouse, net-house, hydroponics.
- Online drip irrigation system for a premium landscape.
- Used in orchids, fruits, etc.

Advantage

- Strong virgin advance PE material.
- All weather UV rays protection.
- Fittings available in push-fit.
- Agro-chemical resistance.
- Low maintenance & long life.
- Smooth inner surface for reduced frictional loss.



Donga Irrigation Lateral Pipes

Spray-Master

1/2" size

Specification

- Flow rate 400 to 800 LPh.
- Operating pressure range 2 to 4 kg/cm².
- Coverage Diameter 17.5 to 24 mtr.

Application

- To irrigate crops, vegetables, flowers, nursery, lawn, garden.
- Commercial use in solar panel cleaning.

Advantage

- Precise irrigation.
- Adjustment of coverage area as per crop or plant.
- Fertigation.
- Optional automation in irrigation.
- Uniform water application public maintains optimum soil moisture ratio.
- Uniform germination & fertilizer application & avoids leaching of soil and fertilizer in grade water.



Full circle



Part circle



Saddle



Valve



Tee



Coupler



MTA



End Cap



MTE



Donga Over Head Sprinkler

3/4" size

Specification

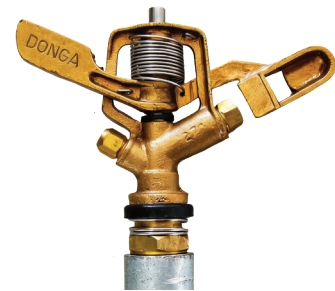
- Operating pressure 1.0 to 4.0 kg/cm².
- Covering diameter up to 28 mtr.
- Discharge 360 to 1600 LPh.
- Available in part & full circle.

Application

- To irrigate crops, vegetables, flowers, nursery, lawn, garden.
- Used for agriculture field and fruit farming.



Plastic Sprinkler



Brass Sprinkler

Donga Micro Sprinkler

3/8" & 1/2" size

Specification

- Operating pressure range 0.5 – 2.5 kg/cm².
- Flow rates 31–450 L/H.
- Wetted diameter range: 6 – 13 mtr.
- Recommended spacing 5x5 mtr & 4x4 mtr.

Application

- Use for garden & nursery.
- Overhead Irrigation – Orchid, nursery, greenhouse, Vegetable crop, etc.
- Ideal for frost protection & overhead cooling.



Push Fit



Thread Fit



Donga Disc & Screen Filter

Mini But Mighty

3/4", 1", 1.25", 1.5" & 2" size

Specification

- Nominal flow rate 3/4" (3 m³/hr), 1" (6 m³/hr), 1.25" & 1.5" (15 m³/hr) & 2" (25 m³/hr).
- Maximum operating pressure 6 kg/cm².
- Available filtration 80/120/150 mesh.

Application

- Protection of micro irrigation system from choking.
- Commercial usage.
- Used in residential (drinking water & rain water harvesting).
- Used in green & net house, nursery, orchids, landscape & turf.

Advantage

- No corrosion.
- Advance UV resistant virgin material.
- Weather proof performance.
- Minimum maintenance.



Donga Orchid Farming Irrigation

Advanced "Online" Drip System

Application

- Orchid nurseries & farming.
- Pot-based plantation setups.
- Shade net, polyhouse & greenhouse.
- Ideal for closely spaced potted plants.
- Suitable for small to large-scale cultivation.

Advantage

- **Precision Watering** – Direct hydration to each plant, no wastage.
- **Adjustable Layout** – Move drippers as plant positions change.
- **Improved Root Health** – Keeps foliage dry, prevents fungus.
- **Dual Material Durability** – Flexible yet strong, crack-resistant pipes.
- **Water Saving** – Reduces usage by 50–70%.
- **Labor Efficient** – Water thousands of plants with one valve.
- **Fertigation Ready** – Direct nutrient delivery to roots.
- **Auto timer** – Option available.



Pipe Holding Stand



Arrow Dripper



Timer



Connector



Key



Bit



S Punch



Punch

Donga L-Scape Brown

Landscape Irrigation

Emitting Pipe 12mm & 16mm

Specification

- Emitting pipe:
 - Non PC Dripper (Discharge 2, 4 & 8 LPh).
 - PC Dripper (Discharge 2, 3.5 & 4 LPh).
 - Class - II & III.
 - Packing - 100, 200, 400 mtr.
 - Dripper Spacing - 10 to 100cm.
 - Also made by group spacing for orchid farming.

Advantage

- Ideal for modern landscaping requirements matching architecture.
- Double layer coat protection increases life cycle of pipe.
- Extra wall thickness of pipe ensures rugged and strong built quality.
- Brown color reflects excess sunlight to keep temperature of water in accordance to surrounding.



Donga Cool™ Pipes

Cooling Ka Ahsas

12mm, 16mm & 20mm size

Specifications

- Irrigation lateral pipe:
 - Class - II & III.
 - Packing - 100, 200, 400 mtr.
- Emitting pipe:
 - Non PC Dripper (Discharge 2, 4 & 8 LPh).
 - PC Dripper (Discharge 2, 3.5 & 4 LPh).
 - Class - II & III.
 - Packing - 100, 200, 400 mtr.
 - Dripper Spacing - 10 to 100cm.
 - PE based material for reduced water temperature upto 5°C.
 - Protects sensitive root system.



Application

- Green house, net house & mulching.
- Orchids, nursery & vineyard.
- Poultry farms & cattle ranch.
- Cafes & restaurants.
- Kitchen garden & balcony.
- Hydroponic farm.



Donga D-Root® Pipes

Sub Surface Expert

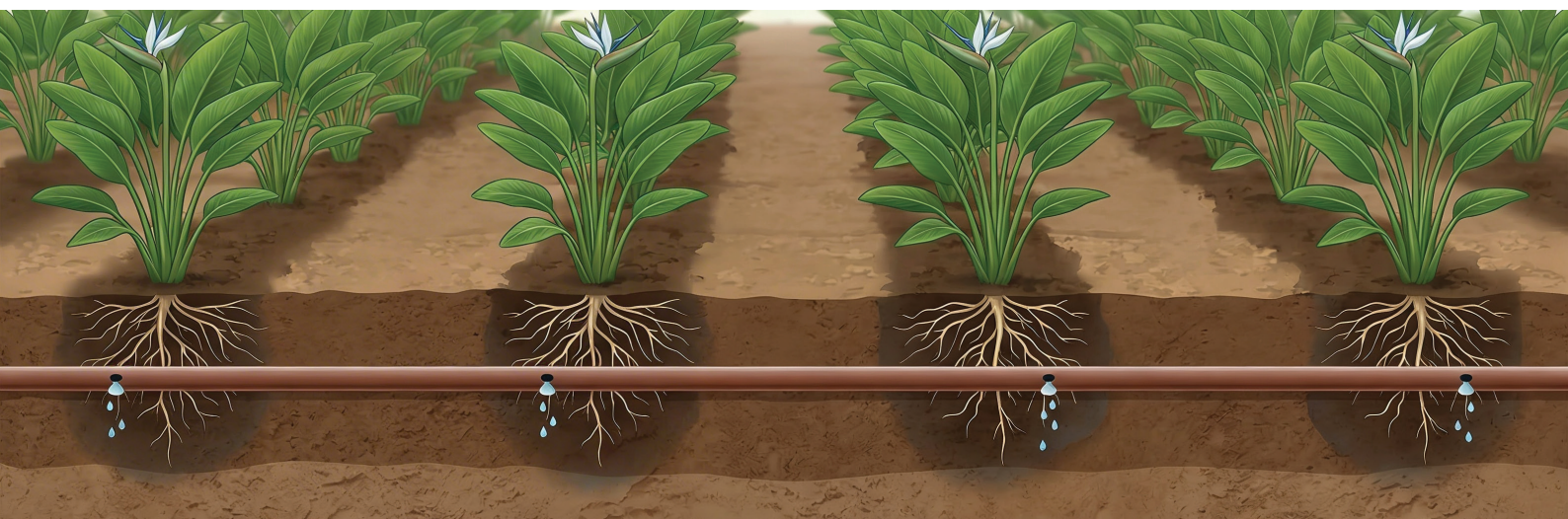
16mm size

Application

- Invisibility of pipes on your garden, lawn or landscape area.
- Hassle free operations of sowing, cultivating, cleaning, cutting or harvesting plants, crops, trees, fruits, vegetables or garden lawn grass.
- Long life of pipes without risk of damage by humans, animals, rodents, insects or any other biological organism.
- Better productivity and less use of water compared to any other micro irrigation technique.

Advantage

- Sub-surface micro irrigation system.
- Direct water delivery to root zone.
- Anti-root intrusion dripper technology & prevents clogging and blockage.
- Uniform and precise water discharge.
- Saves water and nutrients.
- Long life with low maintenance.
- Made of advanced imported polymer.



Donga Landscape Irrigation Project

Application

- Commercial buildings & corporate offices.
- Sports stadiums & education institutes.
- Resorts & club houses.
- Bungalow, farm houses & party plots.

Advantage

- Aesthetic design.
- Efficient water management.
- No wastage of water.
- Smart irrigation system with advance technology.
- Low maintenance, less cost of irrigation labor.
- Consistent development of plants and other vegetation.



Junction Box & Other Fittings



Automization Devices & System



Pop-up Sprinkler



Donga Fogging & Misting System For Outdoors

Cool Outdoor Living

Specification

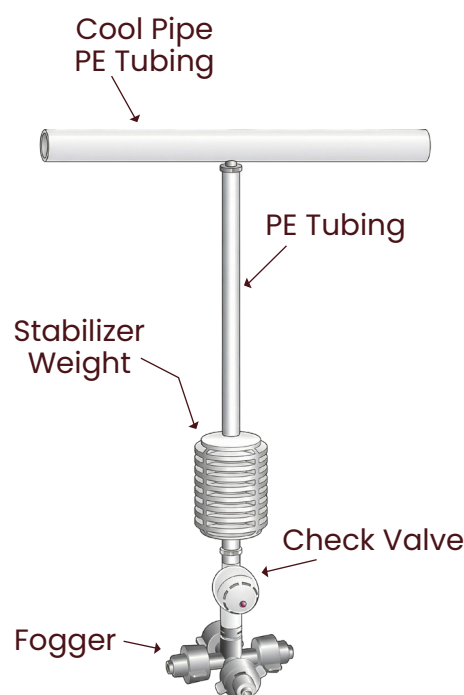
- One-way, Two-way, Four-Way.
- Operating pressure range 3.0 to 6.0 kg/cm².
- Available flow - 7.5 LPh (One-way), 15 LPh (Two-way), and 30 LPh (Four-way).
- Filtration requirements -120 mesh.

Application

- Use In agriculture in green houses, net houses, cattle ranch's, poultry farms.
- Use in commercial – kitchen , open restaurants, commercial landscape.

Advantage

- **Superior Cooling** – effective localized outdoor temperature reduction.
- **Energy Efficient** – Low water and electricity consumption.
- **Insect & Dust Control** – Reduces flying insects and airborne dust.
- **Aesthetic Enhancement** – Adds visual comfort and ambience.
- **Custom Designed** – Tailored to suit architecture and landscape.
- **Professional Support** – Expert design, installation, and maintenance.



Donga Automated Irrigation & A.I. (Artificial System)

The Future of Farming is Here

Our system combines the Internet of Things (IoT) with advanced artificial Intelligence to create a fully automated watering solution.

Why Automate?

Traditional irrigation methods (like manual flooding or simple timers) often lead to:

- **Water Wastage:** Over-watering crops.
- **Stress:** Under-watering during heatwaves.
- **Inefficiency:** Wasting energy and labor hours manually opening valves.

Donga's Solution:

An intelligent system that monitors your soil 24/7 and waters only when necessary, maintaining the perfect moisture balance for your specific crops.



How It Works:

The "Brain" of the System

Our technology isn't a timer; it's an intelligent decision-maker.

- **Real-Time Sensing (The Eyes)**
 - Soil Moisture: Measures exact water levels at the root zone.
 - Temperature & Humidity: Tracks current weather conditions.
 - Light Intensity: Detects day/night cycles and evaporation rates.
- **Artificial Intelligence (The Brain)** Data from sensors is sent to our central controller which Unlike simple "on/off" switches, our AI analyzes complex data.
- **Automated Action (The Hands)** System detects soil moisture. No human intervention required.

Hardware You Can Trust:

- Smart valves.
- Wireless modules (XBee/LoRa).
- Central control unit.
- Mobile integration.

Benefits of Donga Watertech systems:

- Energy Efficient.
- Massive Water Savings.
- Labor Saving.
- Higher Yields.
- Customizable.



Donga Turnkey Irrigation Project

From Design to Long Term Support

We collaborate closely with clients to deliver tailored irrigation solutions that enhance crop productivity, optimize water use, and improve operational efficiency through every phase of the project—from design to installation, training, and ongoing support.

- **Irrigation Systems Design**

Precise system design based on soil, climate, water availability, and crop requirements.

- **Manufacturing Technologies**

In-house manufacturing ensures durable, high-quality, and innovative irrigation components.

- **Irrigation Installation**

Expert installation of pipelines, valves, emitters, and automation systems as per approved designs.

- **Irrigation Advice and Training**

Professional guidance and training for efficient system operation and maintenance.

- **Maintenance and Support**

Ongoing maintenance and technical support for reliable performance and long-term returns.



Donga Drip Kit 30m² & 100m²

Specification

- Available based on 2 types of area :
(upto 30m² – 25 plants)
(upto 100m² – 100 plants)
- Available with option of Auto-Timer For Automatic Irrigation When You Want to Irrigate While Leaving Home or on Holiday.

Application

- Useful for hilly area, slopes, hill station crop cultivations.
- Used for growing fruits, vegetables, flowers, plants or shrubs, bonsai trees.
- Useful for Dry areas/regions, scarce water available or no electricity available.
- Children learning projects, hobby.
- For residence, balcony & kitchen garden.

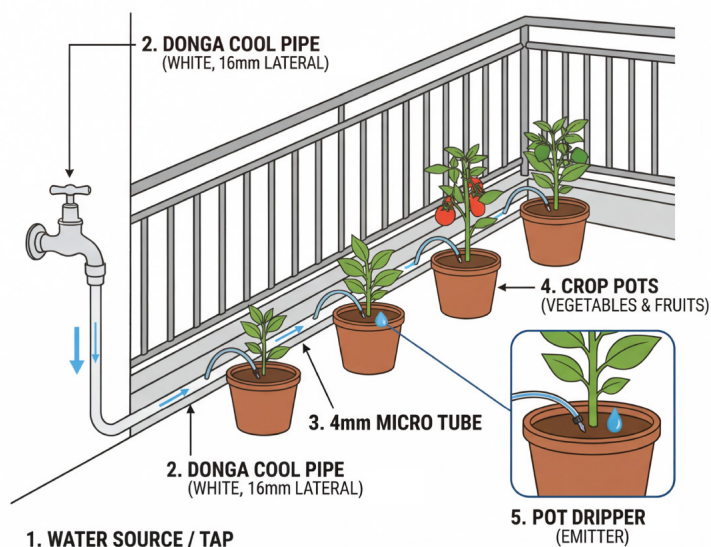
Advantage

- DIY (Do It Yourself) easy installation and fitting.
- No electricity or motor required.
- Affordable cost for farmers, household members.
- Less transportation cost.
- Durable & water-proof Timer.



Timer

DONGA DRIP KIT



Donga Drip Kit 500m²

Specification

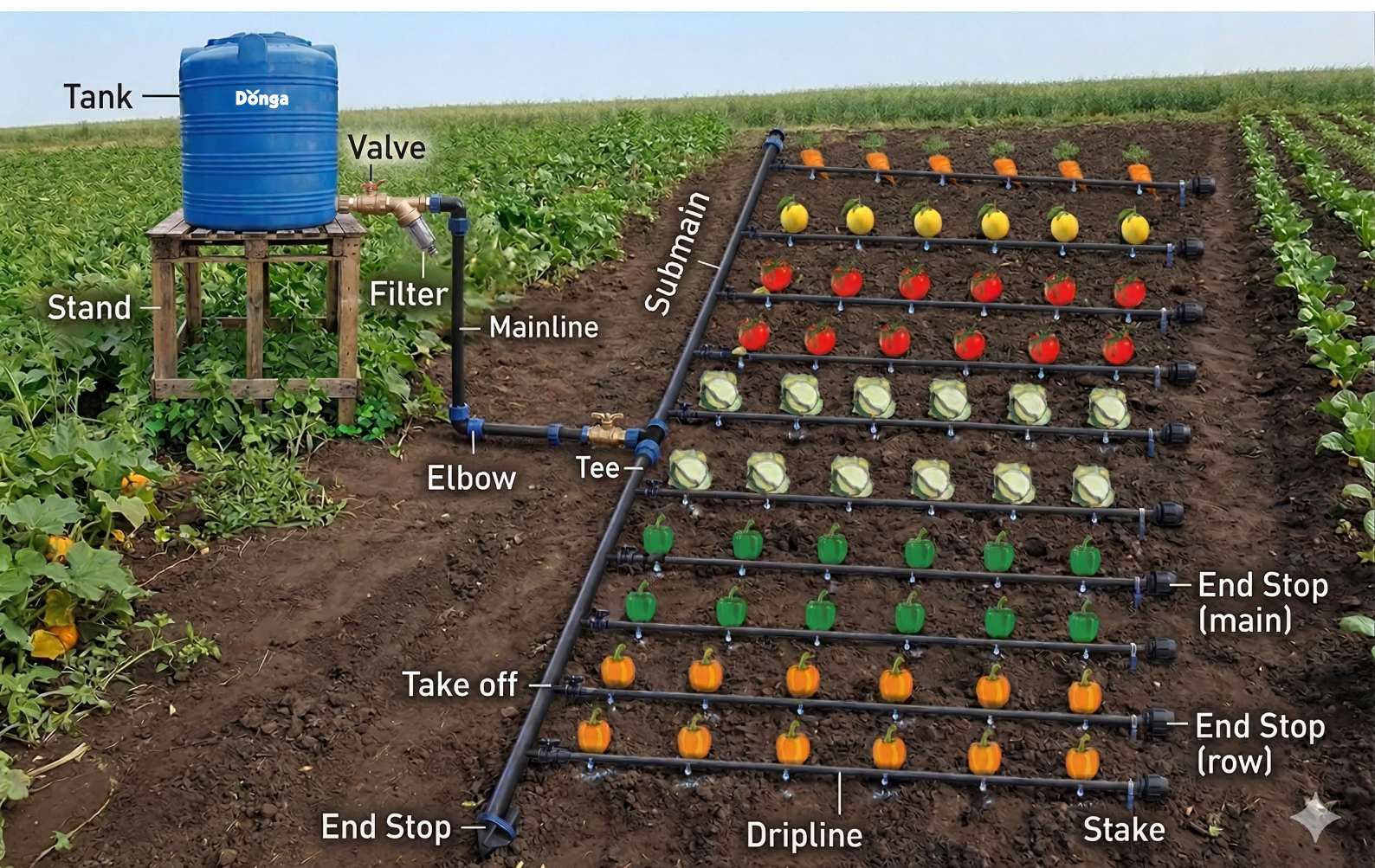
- Available for irrigation area up to 500 m².
- Optional auto-timer for automatic irrigation.

Application

- Useful for hilly areas, slopes, hill station crop cultivations.
- Used for growing fruits, vegetables, flowers, plants or shrubs, bonsai trees.
- Useful for dry areas/regions, scarce water availability or no electricity.
- For small farmer fields, greenhouses & nethouses.

Advantage

- DIY (do it yourself) easy installation and fitting without external agency assistance.
- Affordable cost for small marginal farmers, household members.
- Less transportation cost.



Donga Pot Cover

Specification

- High-grade UV-stabilized plastic.
- Decorative mulch / soil cover.
- Available in multiple colors.
- Sizes: 500g and 1kg.

Application

- Indoor plants and office spaces.
- Balcony gardens and home décor.
- Outdoor landscaping.

Advantage

- Retains soil moisture by reducing evaporation.
- Protects roots from direct sunlight and overheating.
- Prevents soil splashing during watering (mess-free watering).
- UV-resistant and durable for long-term outdoor use.
- Enhances aesthetic appeal with a clean and vibrant finish.
- Easy to use and improves overall plant presentation.



Donga Flamingo Series PVC Pipes

Shining World

32 MM & 110 MM size

Application

- Landscape & green house irrigation.
- Pop-up sprinkler or turf irrigation.
- Sports stadiums.
- Open lawns.
- High pressure large agriculture projects.

Advantage

- Available in 5.0 meter length for easy transportation.
- 6 kg/cm² pressure pipes available.
- Attractive landscape irrigation & aesthetically beautiful.
- Smooth texture made from virgin PVC resin material.
- Available in various sizes as below.



Donga Sprinkler Irrigation System

2", 2.5", 3" & 4" size

Specification

- Class 1 (2.5 kg/cm²): 75mm to 110 mm OD.
- Class 2 (3.2 kg/cm²): 63mm to 110mm OD.
- Class 3 (4 kg/cm²): 63mm to 110mm OD

Application

- SS C-clamp (quick coupled pipe) pipes for durability.
- No leak piping system (friction welded coupler) with rubber rings.
- Advance UV resistant virgin material.
- Weather proof performance.
- Wide range of brass & plastic sprinkler heads, fittings.



Donga Sprinkler Rain Gun

1", 1.25", 1.5" & 2" size

Application

- Field Crop-Sugarcane, Groundnut, Maize Wheat, Grams Pluses, Tea Estates & Coffee Plantation.
- Dust Suppression.
- Green Pastures.
- Sports Field, Golf Courses.

Advantage

- Pressure Die Casting aluminium Body & Arm for extra strength.
- Stainless steel Fulcrum Pin ARM & bearing spring for long wearing reliability.
- Part & Full Circle Operation.
- Brass & Teflon Bearing Assembly.
- Equipped with interchangeable nozzle of different size for various application.



QRC (1.25" & 1.5")



KEY (1.25" & 1.5")



1", 1.25" & 1.5"



2"

Connection Size	1"	1.25"	1.5"	2"
Pressure (kg/cm ²)	3	4	4	4
Nozzle (mm)	8X3.5	12X4	14X5	16X8
Radius (mtr)	36	26	35	36
Discharge (ltr/min)	82	211	277	400

Donga HDPE Coils & PE Pipes

*One Stop Solution
for All Piping Needs*

20mm to 110mm size

Specification

- Material grade: PE-63, PE-80 & PE-100.
- SDR-9 to SDR-41.
- Pressure Rating: PN-2.5 to PN-8 (PE-63).
- Pressure Rating: PN-2.5 to PN-12.5 (PE-80).
- Pressure Rating: PN-6 to PN-12.5 (PE-100).
- Available in compression fittings – 20 to 110mm for easy installation.

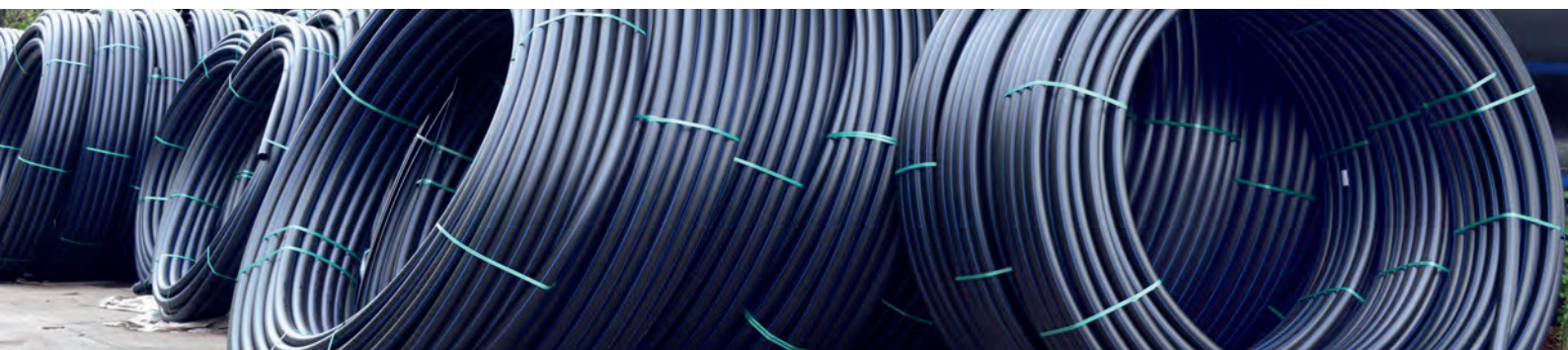
Application

- Submersible, jet & centrifugal pump systems.
- Pump suction & delivery pipelines.
- Water distribution & pumping mains.
- Lift & gravity irrigation systems.
- Drip & sprinkler irrigation setups.
- Suitable for potable water conveyance.
- Cable laying for protection of cable.



Advantage

- **Leak-Proof Joints** – Secure and reliable connections.
- **Corrosion Resistant** – No rust, chemically inert & abrasion resistance.
- **Flexible & Tough** – Easy to handle, transport & install.
- **Long time durability.**
- **Weather & UV Resistant** – Performs in extreme conditions.
- **Custom Range** – Available in coils & straight lengths.



Donga Flat Inline Drippers

Dual™ Series

Flat inline 2 Drop Design With 1.2, 2 & 4 LPh Discharge

Advantage

- Superior welding.
- Support lines in bath for strong bonding with drip tapes.
- Large bath for no miss punching.
- Made from advance polymers.
- UV resistance compounding for long life.
- Special use for thin wall drip tapes and recycled polymer tapes.
- Very low CV and consistent performance.



1.2 LPh, 2.0 LPh & 4.0 LPh

Tez™ Series

Flat inline Centre Punch with 1.3, 2 & 4 LPh Discharge

Advantage

- Special arch design for persistent grip.
- Symmetrical design for precise flow and discharge.
- Low CV: Emitter have low coefficient.
- A wide sectorial flow path creates a controlled whirlpool to prevent clogging.



1.3 LPh

2.0 LPh

4.0 LPh

Donga Round Inline Drippers

Golu Series

Flat inline 2 Drop Design With 1.2, 2 & 4 LPh Discharge

Advantage

- Superior welding.
- Large bath for no miss punching.
- Made from advance polymers.
- UV resistance compounding for long life.
- Low CV: Emitter have low coefficient.



2 LPh



4 LPh

Nano Series

Flat inline Centre Punch with 1.3,2 & 4 LPh Discharge

Advantage

- Unique design for strong support in round drip tapes.
- Used in landscape, gardens, greenhouse, nethouse, household.
- Available dripline 6*1.2*30.
- Available 6 mm poly fittings.
- Highly durable & strong.



Donga Termicoil®

Anti-Termite Pipes

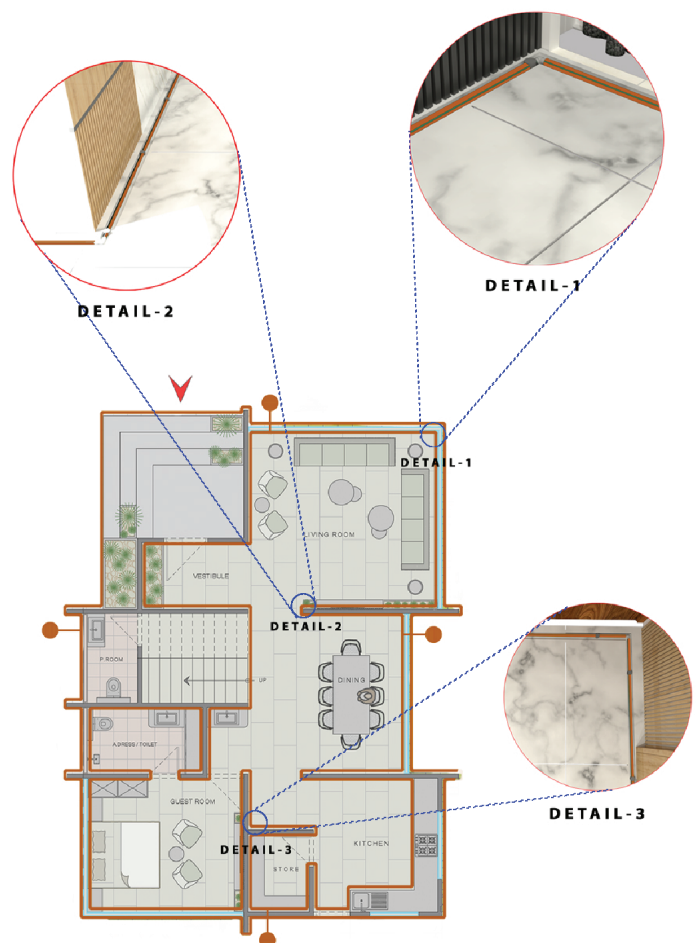
1", 1.25", 1.5" & 2" size

Application

- Permanent, preventative termite control system.
- Designed for the pre-construction stage of buildings.
- Network of symmetrical system beneath the floor slabs, tiles and along the foundations inside PCC or above PCC.
- Discharge at every 1 feet for uniform discharge

Advantage

- TERMICOIL® will last as long as building life.
- Seamless, uniform chemical distribution and easy recharging.
- Hidden System Below Surface.
- No Maintenance Required.
- No drilling or floor damage.
- No External Agency.
- Cost Effective.
- DIY (Do It Yourself) injection possible.





Donga uPVC Pipes & Fittings

20mm to 315mm OD from 2.5 kg/cm² to 10 kg/cm²

Specification

- Class 1 (2.5 kg/cm²): 110mm to 315mm OD.
- Class 2 (4 kg/cm²): 63mm to 315mm OD.
- Class 3 (6 kg/cm²): 40mm to 315mm OD.
- Class 5 (10 kg/cm²): 32mm OD.

Application

- Water supply for agriculture, household and commercial use.
- For irrigation – lift & micro irrigation as main & sub-line.
- Rustproof & all weather performance for sub-surface.
- Energy efficient & suitable for high pressure application.
- Socket pipe for solvent cement joints and also available in elastomeric sealing rings.



OUR LEGACY

- Incorporated as a private limited company with a 4,000 sq. m. greenfield manufacturing facility in Sanand, Ahmedabad.
- Founded by Mr. Rakesh D. Donga, promoter and Managing Director, bringing 20+ years of experience.
- DONGA® trademark established for manufacturing and marketing micro-irrigation and water-technology products and services.
- Approved and licensed by GGRC as an OEM for government subsidy-linked micro-irrigation projects.
- Launched complete micro-irrigation product range including drip tapes, lateral pipes, HDPE & sprinkler pipes, fittings, and accessories.

2011

2015

Launch of new emitting pipes flat inline emitter drip irrigation pipes 16MM & 20MM with 1 LPH to 4 LPH (Liters Per Hour).

2016

Launch of PVC pipes 1" to 4" size (32 MM to 110 MM, 4 kg to 10 kg Pressure Rating) under its brand Donga® for agriculture and landscape irrigation purpose.

2021

- Expanded manufacturing with a new 8,000 sq. m. brownfield facility, increasing capacity and storage.
- Installed 350 kWh solar power and rainwater harvesting (2 lakh liters/year) to support sustainability and carbon neutrality by 2035.
- Established a fully equipped injection molding division with all-electric IMM and R&D facilities.
- Expanded ISI-certified PVC pipe portfolio (5"-8") and launched new landscape irrigation products, including L-Scape and Flamingo series drip tapes & PVC pipes.

2022

Launched revolutionary 6 MM cylindrical inline emitter with discharge of 1.2 LPH

2024

Doubled injection molding capacity with new Injection Molding Machinery & Molds from reputed international manufacturer.

2025

Launched Swing Joint Pipes for Landscape Irrigation Projects

2026

Launched Cylindrical Inline 16 MM Dripper or Emitter with discharges 2 & 4 LPH.

2023

Launched TERMICOIL® - Anti Termite Pipes and Termite Control System (TCS) product and services for urban construction markets. (www.termicoil.com)

Our Cliental



***And Serving Many More Clients
Across Industries***