das agro®

PRODUCT
CATALOG





ABOUT US

Das Agro is a leading manufacturer of irrigation components and systems, headquartered in MIDC Bhosari, Pune. With over two decades of experience, we serve farmers, dealers and agribusinesses with reliable pipes, drippers, fittings and filtration technologies — all built to global standards, with performance and durability in every product.

Founded in 2001, Das Agro is a trusted name in irrigation manufacturing, offering an extensive range of drip systems, rain-pipes, filtration units and precision fittings. From our state-of-the-art facility in MIDC Bhosari, Pune, we blend advanced engineering, skilled craftsmanship and strict quality control to deliver products that meet global performance standards. Our commitment lies in creating irrigation solutions that optimise water use, reduce wastage and boost agricultural productivity. Backed by a dedicated team and modern infrastructure, we ensure each component is manufactured, tested and delivered with the utmost reliability – so our clients get efficient, long-lasting results they can trust.

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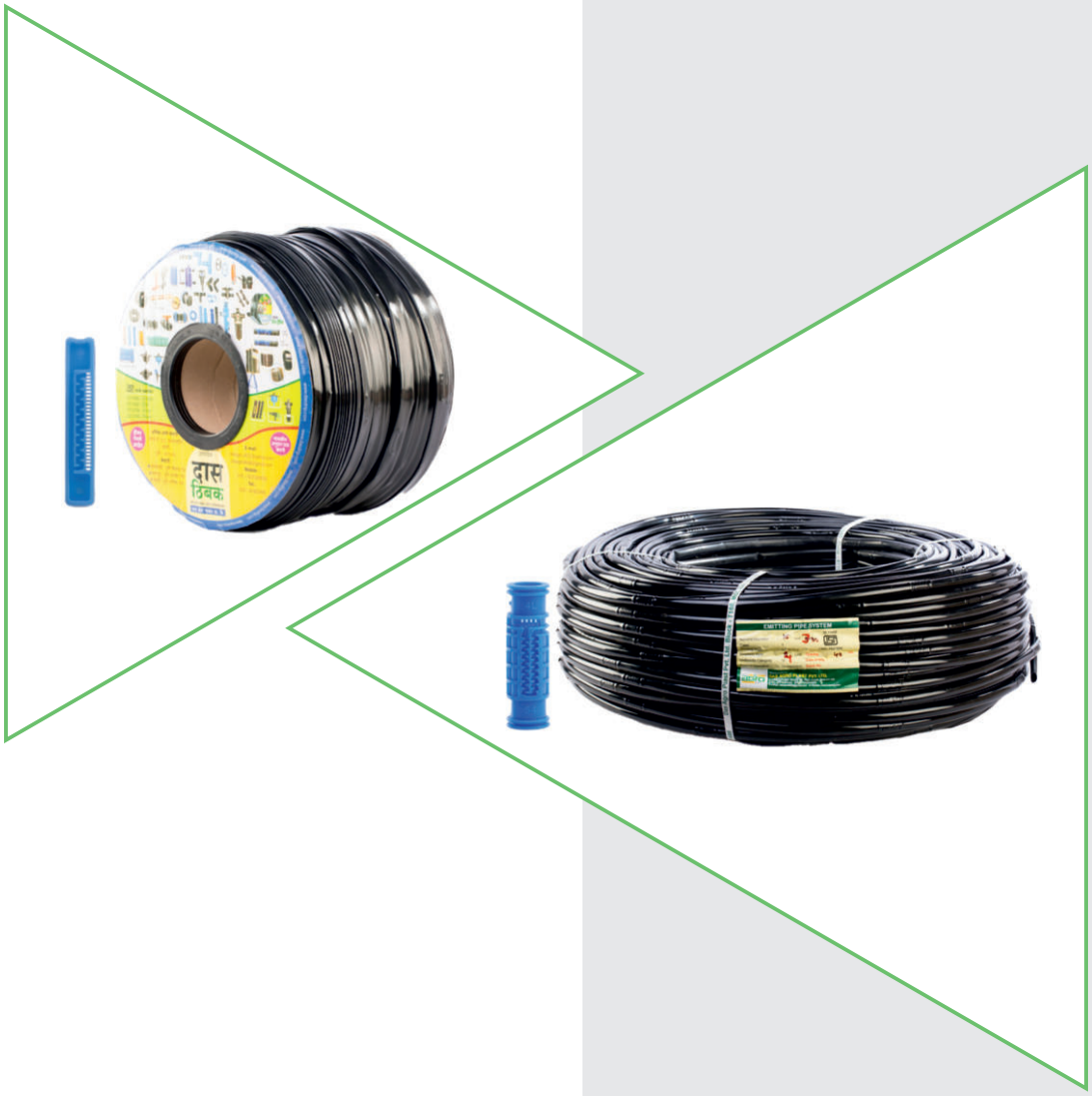
Dripline



Flat Inline



Features

- Manufactured using advanced technology Ensures precise and consistent water distribution.
- Large Inlet Filters Reduces blockage and provides continuous drip watering.
- Drippers With Low CV Ensures equal water distribution over all drippers, avoiding dry areas.
- Turbulent Labyrinth Enhances clog resistance and smooth water flow.
- Smooth inner surface. Reduces friction losses and maximizes drip efficiency.
- Special-grade LLDPE material improves durability, flexibility, and UV.

			
FLAT DRIPPER 4 LPH	**FLAT DRIPPER** 4 LPH (2+2)	**FLAT DRIPPER** 2 LPH	**FLAT DRIPPER** 1.2 LPH

Round Inline



Features

- Manufactured with technology which ensures precise and consistent water distribution.
- Large inlet filters eliminate clogging hazards and enable continuous drip watering.
- Drippers with low CV ensure consistent water distribution throughout all drippers, avoiding dry areas.
- Turbulent Labyrinth enhances clog resistance and smooth water flow.
- Smooth inner surface minimizes friction losses and maximizes drip efficiency.
- Special-grade LLDPE material improves durability, flexibility, and UV protection..
- Round drippers with low CV ensure consistent water distribution throughout all drippers, preventing dry areas.
- Adaptable to diverse water conditions: Performs well with a variety of water qualities, including hard water and varying filtration levels.



ROUND DRIPPER
16 MM (2 LPH) (HYDROGOL)



ROUND DRIPPER
12 MM (2 & 4 LPH) (HYDROGOL)

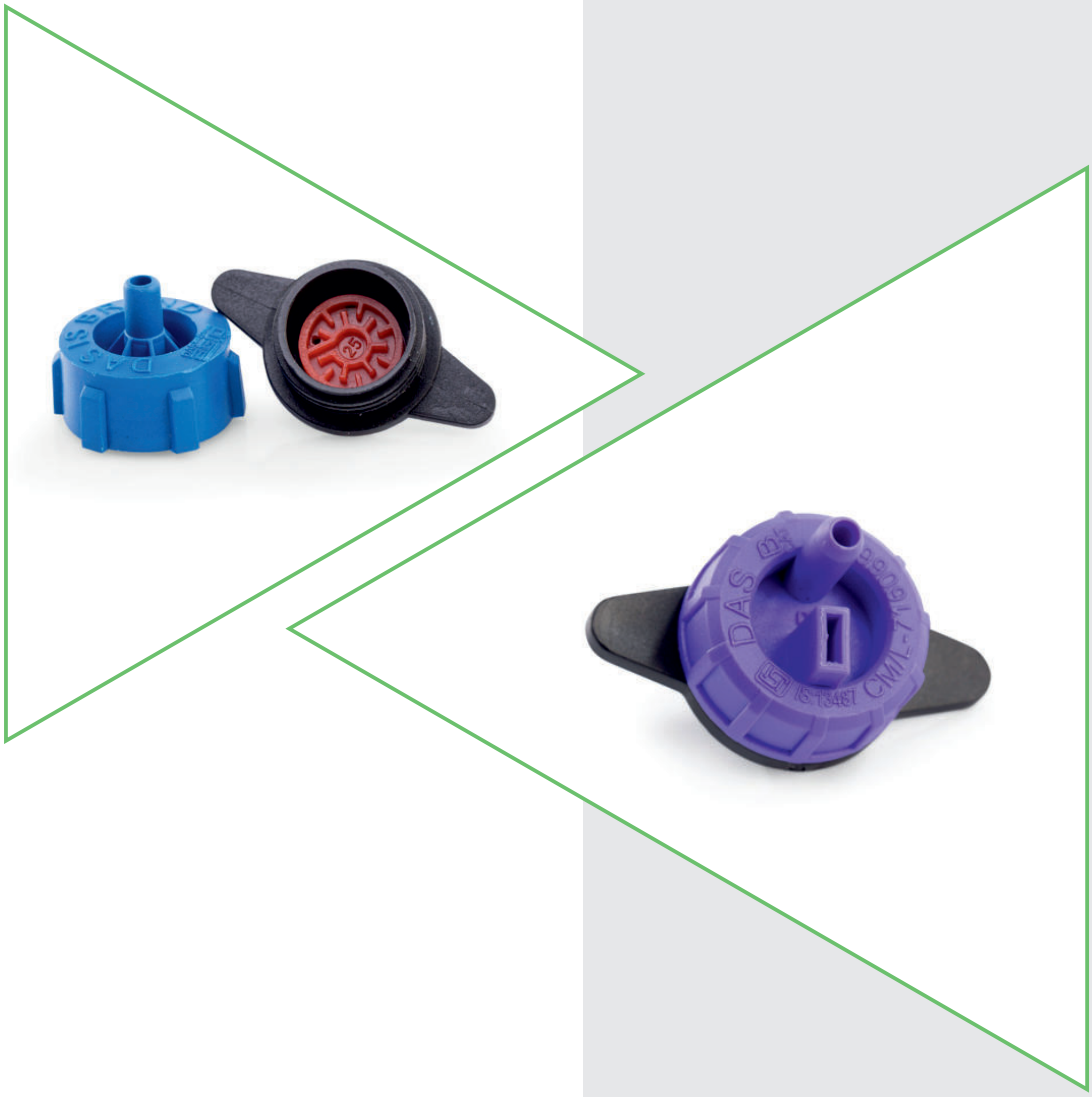
Rain Pipe



Features

- Punched holes produce a mist/spray that distributes water evenly, making them great for root zones.
- Water and energy consumption are reduced by more than 50% when compared to previous methods.
- Lightweight, flexible, and quick to put up, requiring minimal labor, making it easy to install
- Made of LLDPE with UV treatment for kink/crush resistance and extended life.
- Works on uneven terrain and with a variety of crops (vegetables, groundnuts, etc.).
- Clogging is less likely, even under high pressure.

Emitters



Flat Dripper



Features

- Two hole options provide stability and extended life.
- Labyrinth intended for turbulent rather than uniform flow of discharge.
- Fine filter provides greater chugging resistance.
- A highly turbulent flow design generates many vortexes inside the flow stream, which prevents blockage.



ONLINE DRIPPER
14 LPH



ONLINE DRIPPER
8 LPH



ONLINE DRIPPER
4 LPH



ONLINE DRIPPER
2 LPH

Old Gold Dripper



Features

- A turbulent labyrinth and a large cross-sectional area provide smooth, clog-free water movement.
- The dripper may be easily opened and cleaned.
- Barbed plus-shaped inlet Acts as a filter, keeping soil and debris from entering the dripper.
- UV and Environmental Resistant Designed to endure extreme weather conditions.
- Excellent flow characteristics. Ensures consistent water outflow throughout the system.
- The uniformity coefficient Provides accurate watering, reducing water waste.
- Advanced Technology Designed with cutting-edge technologies to increase durability and efficiency.

Self Flush Dripper (SFD)



Features

- Two hole options provide stability and extended life.
- Labyrinth intended for turbulent rather than uniform flow of discharge.
- Fine filter provides greater chugging resistance.
- A highly turbulent flow design generates many vortexes inside the flow stream, which prevents blockage.



SELF FLUSHING DRIPPER
8 LPH (SFD)



SELF FLUSHING DRIPPER
16 LPH (SFD)

Adjustable Dripper



Features

- Adjustable Flow Easily adaptable to changing crop and water requirements.
- When no water is required, the system can be turned completely off. The maximum flow rates at 1 kg/cm² pressure on full opening are 0 and 100 lph.
- The two-piece construction allows for easier maintenance.
- Protected outlet prevents sand/soil from entering in desert/sandy soil situations.

J-Lock



Features

- The two-piece construction allows for easier maintenance.
- The strong latching system facilitates easy removal of flow route inserts. Prevents snap-off during pressure variations.
- The unique design allows you to mount the emitter in any orientation. Vertical installation is employed in nursery applications near seedlings and containers.
- Horizontal placement allows for easy tubing retrieval and works well for crops with close spacing.
- UV stabilization has no environmental impact. Resistant to agricultural chemicals.



J LOCK
8 LPH



J LOCK
14 LPH

PC Dripper



Features

- Provides continuous pressure compensation for even water delivery.
- Continuous self-flushing technology ensures stable flow rates and excellent functioning, even with hard water.
- The number of drippers may be readily increased to provide enough water to suit your tree's growth rate needs.
- Maintains a consistent discharge rate independent of slope or intake pressure fluctuations.
- Provides accurate water distribution with minimum variance.

Polyfittings & Accessories



Features

- Unique barb design. Ensures 100% leak-free connections.
- Made of reinforced PPCP offers outstanding durability.
- UV-resistant Ensures long-term performance in outdoor environments.
- Non-corrosive and chemically resistant. Ensures long-term durability even under tough agricultural circumstances.
- Grommet and take off: Used to connect sub-main and polytube.
- Joiner: Used to join polytubes and emission pipes.
- End caps : are used to seal the ends of polytubes and emission pipes.
- Elbow and tee: Used to turn and branch polytubes and emission pipes.
- Dripper plug: Used to shut the dripper hole in the polytube.
- Sub-main plug: Used to seal the hole in the sub-main.

Polyfittings & Accessories



LATERAL COCK
20 MM



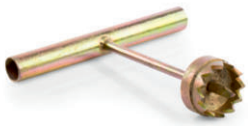
LATERAL END CAP
20 MM



LATERAL JOINNER
20 MM



LATERAL CONNECTOR
(TEK UP) 20 MM



DRILL
20 MM



LATERAL END CAP
16 MM



LATERAL COCK
16 MM



LATERAL JOINNER
16 MM



LATERAL TEE
16 MM



LATERAL ELBOW
16 MM



LATERAL CONNECTOR
(TEK UP) 16 MM



LATERAL CONNECTOR
(TEK UP) 16 / 20 MM



OPEN GROMMET
16 MM



DRILL
16 MM



STICK
15”



STICK
9”

Rain Pipe Fittings



Features

- Unique barb design. Ensures 100% leak-free connections.
- Made of reinforced PPCP offers outstanding durability.
- UV-resistant Ensures long-term performance in outdoor environments.
- Non-corrosive and chemically resistant. Ensures long-term durability even under tough agricultural circumstances.
- Grommet and take off: Used to connect sub-main and polytube.
- Joiner: Used to join polytubes and emission pipes.
- End caps : are used to seal the ends of polytubes and emission pipes.
- Elbow and tee: Used to turn and branch polytubes and emission pipes.

Rain Pipe Fittings



RAIN PIPE COCK
32 & 44 MM



RAIN PIPE CONNTECTOR
32 MM



OEPN GROMMET RAIN PIPE



RAIN PIPE END CAP
44 MM



RAIN PIPE END CAP
32 MM



RAIN PIPE TEK UP
32 MM & 44 MM



RAIN PIPE JOINNER
32 MM



RAIN PIPE DRILL



RAIN PIPE JOINNER
44 MM



RAIN PIPE CONNTECTOR
44 MM

Filters





Screen Filter





Features

- Made from chemically bonded polymers that withstand all sorts of weather.
- Twill weave screens ensure great performance and efficient filtering.
- A properly built vacuum breaker valve prevents vacuum development.
- The unique Smart Clean Element ensures excellent performance and effective filtration. Effectively eliminates dirt, sand, and physical particles.
- A specially designed extended handle allows for effortless clamp opening. A simple cleaning technique for screen elements.

Disc Filter



Features

- A disc filter is designed to effectively remove solid particles and dirt from water before it reaches irrigation emitters.
- The filters are made up of stacked discs or rings that compress to form a tiny mesh filter.
- Disc filters function on a high-rate inside-out filtering technique, with polluted water entering a central drum and passing through the disk.
- These discs are made of woven filter fabrics, which effectively remove solids from the incoming flow.

Sand Filter

Features

- Sand Filter play an important role in protecting water quality in natural bodies of water, such as streams, rivers, and lakes. These filters are particularly effective in removing pollutants often present in storm water, such as suspended particles and phosphorus.
- High quality, consistent grade (1 to 2mm) silica crushed sand is utilized for ultrafine filtering.
- It comes with high-quality mushroom strainers for better filtering.
- Vertical form gives greater depth and degree of filtering.

Hydrocyclone Filter

Features

- Hydrodynamically engineered to provide maximal centrifugal motion and separate particles heavier than water.
- Increases the centrifugal movement of water to achieve optimum filtration.
- A large capacity of dirt collection chamber increases the flushing interval.
- Flush valve Allows for direct dirt removal even while operation.
- The body is comprised of a proprietary chemically bonded polymer to ensure durability.
- Strong supports at the base guarantee that the filter remains stable on the platform.
- The pressure check assembly monitors input and output pressure.
- Improves the effectiveness and lifespan of screen/disc filters.

Fertilizer Tank



Features

- The system is triggered by opening the intake and outflow valves to the fertilizer tank, which is configured as a bypass system with a valve that reduces pressure.
- Water is injected into one side of the tank, agitating and mixing with the fertilizer, and the mixture is discharged via the exit.
- Maximum operating pressure: 8 kg/cm^2. Fertilizers and chemicals are applied directly to crop roots using irrigation water.
- Fertilizer irrigation is typically advised for the first two-thirds of the irrigation season. This guarantees that the irrigation systems are properly flushed and that the chemicals do not clog the emitters.

Venture



Features

- Venture is used to inject fertilizer and chemicals through a drip irrigation system.
- Venture fertilizer injectors are the most efficient and cost-effective means to deliver liquid nutrients to plant roots via a drip irrigation system. Fertigation and irrigation are carried out concurrently.
- Plants absorb fertilizer more effectively when it is in liquid form. Easy to install. Economical and most efficient.
- Ensures that fertilizer injections are controlled. For durability, this product is made of virgin plastic co-polymer.
- High-quality materials are resistant to most agricultural chemicals. Injectors provide exact dosage proportionate to the system's flow rate and water volume.

Ball Valve





Features

- High-quality plastic offers long-term durability, UV protection, and water resistance.
- The 90° turn handle allows for rapid, easy, and efficient valve closure and opening.
- The easy-grip handle ensures smooth operation and a user-friendly design.
- The leak-proof construction eliminates water loss and guarantees optimal system functioning.
- Cost-effective Suitable for low-cost applications.
- The lightweight, compact form is perfect for small-scale irrigation applications.

Flush Valve

Mulch Flim



Features

- Weed Control slows weed growth, which reduces the demand for herbicides.
- Pest Reduction Sunlight reflection from some mulch films deters bug assaults.
- Water conservation reduces evaporation, therefore retaining soil moisture.
- Temperature regulation maintains the optimal soil temperature for plant development.
- Increases nutrient intake by supporting improved root growth.

Micro Sprinkler



Features

- Micro sprinkler irrigation is mostly used in sandy or loamy soils. This technique is best suited for horticulture crops and tiny grasses. This approach involves sprinkling water from a lower height in various directions.
- A bayonet nozzle can be utilized at high operating pressure.
- The fine mist spray pattern promotes effective watering while minimizing soil erosion.
- Available in a variety of discharge rates that may be customized to meet crop requirements.
- Improved crop safety lowers the chance of frost damage and heat stress, resulting in healthier development.

WHERE THERE IS HOPE THERE IS DAS DRIPS



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