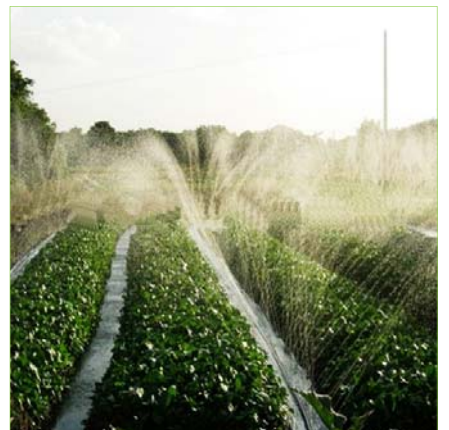


# Product Catalogue

MICRO IRRIGATION SYSTEMS

**G RAM TRADERS**



+91 9751915261



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# G RAM TRADERS

## Your Success, Our Commitment PREMIER DESTINATION FOR MICRO-IRRIGATION SOLUTIONS

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### Welcome to G Ram Traders

At G Ram Traders, we're your dedicated source for all things micro-irrigation. Since December 2016, we've been at the forefront of delivering quality products and services to our valued customers.

### Micro Irrigation Accessories

We specialize in providing a comprehensive range of micro-irrigation accessories, designed to enhance the efficiency of your irrigation systems. From drip irrigation to sprinkler systems, we offer solutions that help you maximize water usage while achieving optimal crop yields.

### Quality and Expertise

With a commitment to quality and expertise, we're here to ensure you have access to the latest advancements in micro-irrigation technology. Our central location in Trichy, Tamil Nadu, allows us to serve the southern region of India efficiently.

### Innovative Solutions

Our focus is on bringing modern irrigation technologies to your doorstep. We supply and install cost-effective micro-irrigation systems for farms, gardens, and more. Plus, we never compromise on quality, understanding its direct impact on your agricultural success.

*Explore our catalogue to discover a world of micro-irrigation accessories. For personalized solutions that enhance your irrigation systems, contact us today. We're ready to help you achieve better crop yields and sustainable water management.*

### Our Services Include:

- **Forestation:** Contributing to the re-greening of our environment.
- **Drip Irrigation for Agricultural Land:** Modernizing agricultural practices for increased yield and efficiency.
- **Landscape Installation:** Crafting beautiful and sustainable landscapes.
- **Roof Gardening and House Gardening:** Creating vibrant green spaces even in urban environments.
- **Solar Water Pump Systems:** Harnessing renewable energy for efficient water supply.

### Our Product Range Includes:

- Drip Irrigation Systems
- Sprinkler Irrigation Systems
- Taps & Fittings



**G RAM TRADERS**

# PRODUCT CATALOGUE



## DRIP FITTINGS



Seamlessly connect PVC main water lines and drip hoses with our reliable drip fittings. Designed for durability and convenience, these fittings optimize water distribution within your irrigation system, contributing to improved crop yields and sustainable farming practices.



### DRIPPER

Online Dropper  
4 litres per hour



### DRIPPER

Online Dropper  
14 litres per hour



### DRIPPER

Online Dropper  
Adjustable flow



### ELBOW

Drip hose Elbow  
8, 12, 16 and 20 mm



### ELBOW

Drip hose Elbow  
8, 12, 16 and 20 mm



### TEE

Drip hose Tee  
8, 12, 16 and 20 mm





## DRIP FITTINGS



Efficiently linking PVC main water lines to drip hoses, our dependable drip fittings ensure smooth irrigation operations. Designed for durability and ease of use, these fittings optimize water flow, promoting healthier crops and sustainable farming practices.



### JOINER

Drip hose Joiner  
8, 12, 16 and 20 mm



### RING JOINER

Drip hose Joiner  
Ring type  
8, 12, 16 and 20 mm



### TAKE OFF

Drip hose Take off  
8, 12, 16 and 20 mm



### TAKE OFF – RING TYPE

Drip hose Take off  
Ring type  
8, 12, 16 and 20 mm



### GROMMET

Take off washer  
Groove type, Black  
8, 12, 16 and 20 mm



### GROMMET

Take off washer  
Cap type, Light blue,  
Black  
8, 12, 16 and 20 mm



### END CAP

Drip hose End cap  
8 type  
8, 12, 16 and 20 mm



### END CAP

Drip hose End cap  
Flat type  
8, 12, 16 and 20 mm



## DRIP FITTINGS



Streamline your irrigation system with our robust drip fittings, seamlessly connecting PVC main water lines to drip hoses. Engineered for reliability and performance, these fittings enhance water distribution, fostering improved crop yields and efficient water usage.



### TEE TAP

16, 16 x 12, 16 x 8 mm

Black, Blue



### TAP 6 MM

Microtube tap



### TAP 16 MM

20, 16, 16 x 12, 16 x 8 mm

Black, Blue



### TAP 16 MM

20, 16, 16 x 12, 16 x 8 mm

Yellow



### MICRO TUBE TAKE OFF

6 MM



### DUMMY

Dripper dummy



### DUMMY

Take off dummy



## DRIP HOSES



Drip laterals play a crucial role in irrigation by evenly distributing water across the field. Designed for consistent performance, these components ensure optimal hydration for crops, promoting healthy growth and maximizing yields.



### ONLINE LATERAL

12, 16, 20 mm



### INLINE LATERAL

12, 16 mm  
Spacing 40, 60 cm  
4 LPH



### FLAT HOSE

12, 16 mm  
Spacing 40, 60 cm  
4 LPH



### MICRO TUBE

4, 6 mm





## FERTIGATION SYSTEM



The fertigation system revolutionizes nutrient delivery by facilitating online fertigation through the drip system. This innovative approach ensures precise and efficient nutrient distribution to crops, optimizing growth and yield potential.



### VENTURY

Nozzle  $\frac{3}{4}$ , 1, 1.5, 2 inch



### STAINER

Nozzle  $\frac{3}{4}$ , 1, 1.5, 2 inch

With suction stainer



### FERTIGATION TANK

30, 60, 90, 120, 160 ltrs



## DRIP TOOLS



Drip tools are essential for simplifying and enhancing the ease of drip system installation. Designed for efficiency, these tools streamline the installation process, ensuring seamless setup and optimal performance of the drip irrigation system.



### DRILL BIT

12, 16, 19, 21 mm



### DRIPPER PUNCH

S type - Yellow



### DRIPPER PUNCH

S type - Blue



### HOSE STAKE

Online lateral holder



### MICRO STAKE

Micro tube holder



## FILTERS



Filters are integral components of drip irrigation systems, ensuring flawless irrigation by effectively cleaning the irrigation water. Designed to remove impurities and debris, these filters maintain the system's efficiency, promoting consistent and reliable water distribution for optimal crop growth.



### SCREEN FILTER

Y – Type  
¾, 1, 1.5, 2 inches



### DISC FILTER

Y – Type  
¾, 1, 1.5, 2 inches



### SCREEN FILTER

2, 2.5, 3 inches  
Manual, Semi-automatic, Automatic flush



### DISC FILTER

2, 2.5, 3 inches  
Manual, Semi-automatic, Automatic flush



### HYDROCYCLONE FILTER

2, 2.5, 3 inch  
Manual, Semi-automatic, Automatic



## VALVES



Discover our range of valves tailored for irrigation and plumbing needs. Our PP Solid ball valves offer dependable performance, while CPVC ball valves excel in hot water applications. For versatile solutions, our UPVC valves are designed to meet the demands of both irrigation and plumbing systems.



### SHORT HANDLE VALVE

Black, White  
Plain, threaded



### LONG HANDLE VALVE

Black, White  
Plain, threaded  
Plastic, MS handle



### TOP ENTRY VALVE

Plain, Threaded



### CPVC VALVE

Hot water lines



### UPVC VALVE

Rigid application



### AIR RELEASE VALVE

$\frac{3}{4}$ , 1 inch



### AIR RELEASE VALVE

$\frac{3}{4}$ , 1 inch



### FLUSH VALVE

1 $\frac{1}{4}$ , 2 inch



## VALVES



Explore our valve collection tailored to suit irrigation and plumbing requirements. From the dependable PP Solid ball valves to the high-temperature resilient CPVC ball valves, we offer solutions for diverse needs. Our UPVC valves provide versatile options, meeting the demands of both irrigation and plumbing systems.



### NON RETURN VALVE

Plain, Flange Type  
2, 2.5, 3 inch



### PRESSURE RELIEF VALVE

2 inch  
Male, Female  
adopter



### FOOT VALVE

Blue, Red  
 $\frac{3}{4}$ , 1, 1.5, 2, 2.5, 3, 4



### PRESSURE GAUGE

DESCRIPTION





## RAINGUNS



Rainguns play a pivotal role in irrigating expansive farmlands and landscaping projects, offering extensive water coverage essential for nurturing healthy growth and vibrant landscapes.



### SEAGULL

1 inch  
80 to 140' Diameter  
32 to 134 LPM



### PENGUIN

1.25 inch  
30° Trajectory  
120 to 130' Diameter  
106 to 150 LPM



### PELICAN

1.5 inch  
23° Trajectory  
130 to 220' Diameter  
150 to 390 LPM



### SKIPPER

1.5 inch  
22 to 28° Trajectory  
177 to 270' Diameter  
159 to 617 LPM



### FLAMINGO

2 inch  
22 to 28° Trajectory  
170 to 270' Diameter  
230 to 560 LPM



### MARINER

2.5 inch  
22 to 28° Trajectory  
250 to 440' Diameter  
800 to 2162 LPM



### RAIN GUN STAND

3, 4 Leg



## SPRINKLERS



Sprinklers serve as vital tools for irrigating horticultural crops and landscape gardens, ensuring consistent and thorough water distribution for optimal growth and maintenance.



### BRASS SPRINKLER – ½" (KIWI)

62 to 82' Diameter  
11 to 26 LPM



### BRASS SPRINKLER – ¾" (GARUD)

62 to 85' Diameter  
21 to 44 LPM



### BRASS SPRINKLER – 1" (HT-30)

125 to 150' Diameter  
61 to 153 LPM



### PVC SPRINKLER – ½" (HT-22)

65 to 78' Diameter  
10 to 27 LPM



### PVC SPRINKLER – ¾" (HT-46)

68 to 100' Diameter  
7 to 50 LPM



### PVC SPRINKLER – 1"

104 to 134' Diameter  
55 to 152 LPM



### MINI SPRINKLER

0.5 inch  
60 to 68' Diameter  
6.5 to 17 LPM



### BUTTERFLY SPRINKLER

0.5 inch  
20 to 50' Diameter  
6 to 13.5 LPM



## MICRO SPRINKLERS



Micro Sprinklers serve as precise irrigation solutions tailored for home landscape gardening, offering targeted water distribution to promote lush and vibrant gardens with meticulous care and efficiency



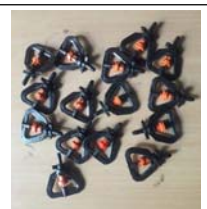
### MIST NOZZLE

Fine drop cloud



### MICRO SPRINKLER

4.5 to 6' Diameter  
20 to 110 LPH



### SPINNER

3 to 5' Diameter



### FOUR WAY FOGGER

3 to 5' Distance  
22 to 30 LPH



### FOUR WAY FOGGER

3 to 5' Distance  
22 to 30 LPH



### FOUR WAY FOGGER

3 to 5' Distance  
22 to 30 LPH



### TWO WAY FOGGER

3 to 5' Distance  
11 to 15 LPH



### TWO WAY FOGGER

3 to 5' Distance  
11 to 15 LPH



## RAIN HOSE AND FITTINGS



Rain hose emerges as a cost-effective alternative to traditional sprinkler systems, especially for small crops. With its economical design, it offers efficient irrigation solutions while helping to minimize expenses.



### RAIN HOSE

32, 40 mm  
6 m – spray width  
Tube laying length  
– 30 m (32mm)  
– 40 m (40mm)



### RAIN HOSE COCK

32, 40 mm



### RAIN HOSE COCK THREADED

32, 40 mm



### RAIN HOSE TAKE OFF

32, 40 mm



### RAIN HOSE TAKE OFF THREADED

32, 40 mm



### RAIN HOSE JOINER

32, 40 mm



### RAIN HOSE END CAP

32, 40 mm



## HDPE FITTINGS



In the realm of sprinkler irrigation, HDPE pipes and fittings reign supreme, known for their robustness and dependability. They form the essential infrastructure for efficient water delivery, empowering agricultural fields with optimal moisture distribution.



### HDPE PIPES 'C'

2, 2.5, 3 inch



### HDPE PIPES 'KP'

2, 2.5, 3 inch



### FOOT BATTEN – 'C'

2.0 x 1.25/0.75  
2.5 x 1.25/0.75  
3.0 x 1.25/0.75



### FOOT BATTEN – 'KP'

2.0 x 1.25/0.75  
2.5 x 1.25/0.75  
3.0 x 1.25/0.75



### PCN IN-TH GI MALE 'C'

2, 2.5, 3 inch



### PCN IN-TH GI MALE 'KP'

2, 2.5, 3 inch



### PCN IN-TH GI FEMALE 'C'

2, 2.5, 3 inch



### PCN IN-TH GI FEMALE 'KP'

2, 2.5, 3 inch





## HDPE FITTINGS



HDPE pipes and fittings emerge as the cornerstone of effective sprinkler irrigation solutions, prized for their resilience and reliability. With these components, agricultural fields benefit from consistent and efficient water distribution, enhancing crop growth and yield.



**PCN IN-TH PVC MALE  
'C'**

2, 2.5, 3 inch



**PCN IN-TH PVC MALE  
'KP'**

2, 2.5, 3 inch



**PCN IN-TH PVC  
FEMALE 'C'**

2, 2.5, 3 inch



**PCN IN-TH PVC  
FEMALE 'KP'**

2, 2.5, 3 inch



**PCN OUT-TH GI MALE  
'C'**

2, 2.5, 3 inch



**PCN OUT-TH GI MALE  
'KP'**

2, 2.5, 3 inch



**PCN OUT-TH GI  
FEMALE 'C'**

2, 2.5, 3 inch



**PCN OUT-TH GI  
FEMALE 'KP'**

2, 2.5, 3 inch



## HDPE FITTINGS



For the seamless operation of sprinkler irrigation systems, HDPE pipes and fittings are indispensable. Their sturdy construction and dependable performance ensure reliable water distribution across agricultural landscapes, fostering healthy crop development and sustainable farming practices.



PCN OUT-TH PVC  
MALE 'C'

2, 2.5, 3 inch



PCN OUT-TH PVC  
MALE 'KP'

2, 2.5, 3 inch



PCN OUT-TH PVC  
FEMALE 'C'

2, 2.5, 3 inch



PCN OUT-TH PVC  
FEMALE 'KP'

2, 2.5, 3 inch



## HDPE FITTINGS



HDPE pipes and fittings serve as the backbone of modern sprinkler irrigation technology, valued for their durability and versatility. With these components in place, agricultural fields receive efficient and uniform water distribution, promoting optimal crop health and productivity.



ELBOW 'C'

2, 2.5, 3 inch



ELBOW 'KP'

2, 2.5, 3 inch



TEE 'C'

2, 2.5, 3 inch



TEE 'KP'

2, 2.5, 3 inch



REDUCER 'C'

3 x 2.5  
3 x 2  
2.5 x 2



REDUCER 'KP'

3 x 2.5  
3 x 2  
2.5 x 2



END CAP 'C'

2, 2.5, 3 inch



END CAP 'KP'

2, 2.5, 3 inch



## HDPE FITTINGS



Agricultural innovation thrives with the use of HDPE pipes and fittings in sprinkler irrigation systems. These resilient components guarantee consistent water flow and distribution, enabling farmers to achieve superior crop yields and efficient water management practices.



HOSE NIPPLE 'C'

2, 2.5, 3 inch



HOSE NIPPLE 'KP'

2, 2.5, 3 inch



CLAMP 'C'

2, 2.5, 3 inch



CLAMP 'KP'

2, 2.5, 3 inch



HDPE WASHER

2, 2.5, 3 inch

Jain, Nimbus, EPC,  
Heavy



## POPOP SPRAYS & ROTORS



Pop-up sprays and rotors stand as pivotal components in the irrigation of domestic landscape gardening, providing versatile solutions for optimal water distribution and coverage in residential outdoor spaces. Their adaptability ensures efficient and comprehensive hydration, nurturing vibrant and lush gardens with precision and care.



### POPOP SPRAYS

1800 Series  
– ½ x 2/4/6/12" pop ht  
Uni spray  
– ½ x 4" pop ht



### POPOP ROTORS

3500 (½") – 4" ht, 15-35'R  
5000 (¾") – 4-12" ht, 20-50'R  
6504 (1") Falcon – 4" ht, 39-65'R  
8005 (1") – 5" ht, 39-81'R



### SPRAY NOZZLES

VAN – 4 – 18' R  
HE VAN – 8 – 15' R  
U Series – 8 – 15' R  
MPR – 5 – 15' R



### ROTOR NOZZLES

R VAN – 14'R  
R VAN – 18'R  
R VAN – 24'R





### CONTROLLERS



Smart valves, operated by solenoids, serve as crucial elements within automatic irrigation systems, facilitating precise water control and distribution. Working in tandem, controllers provide on-off commands to these solenoid-operated valves, following programmed requirements and schedules, ensuring efficient and automated irrigation for optimal maintenance.



#### SOLENOID VALVE

1, 1.5, 2, 3"



#### BT-TAP TIMER

Blue tooth control,  
Battery operated,  
Stations – 1,2,  
3/4" hose thread



#### BT-NODE CONTROLLER

Blue tooth control,  
Battery operated,  
Stations – 1,2,4



#### NODE CONTROLLER

Battery operated,  
Stations – 1,2,4,6



#### CONTROLLER

4 – 32 Stations



## PIPES & FITTINGS

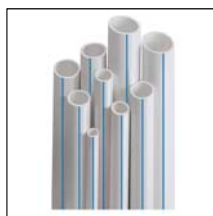


In drip and sprinkler irrigation systems, pipes and fittings are essential for efficient water delivery. Pipes transport water from the source to irrigation zones, while fittings enable seamless connections between components like drip emitters or sprinkler heads. Together, they ensure precise irrigation for healthy plant growth and water conservation.



### PVC PIPES

0.75– 4"  
4 – 15 ksc



### UPVC PIPES

0.5– 4"  
Schedule – 40, 80



### CPVC PIPES

0.5– 4"  
Schedule – 40, 80



### PIPE FITTINGS

0.75– 4"  
4 – 15 ksc



### SERVICE SADDLE

2– 4" x  $\frac{3}{4}$  / 1"



### COLUMN PIPES

1 – 4"  
12.5, 15, 21, 26 ksc



### SOLVENT

PVC  
UPVC  
CPVC



## TAPS & FITTINGS



Unlock precision and control with our taps & fittings collection, designed for seamless water management in plumbing systems. Explore a variety of options tailored to meet your needs and enhance your plumbing setup with ease and reliability.



**SHORT BODY COCK**

1/2 INCH



**LONG BODY COCK**

1/2 INCH



**SINK COCK**

1/2 INCH



**T COCK**

1/2 INCH



**CONNECTION PIPE**

12 – 30" LENGTH



**WASTE PIPE**

1 ¼, 2 inch



**HOSE COLLAR**

½, ¾, 1 inch



**END PLUG**

½, ¾, 1 inch



# G RAM TRADERS

## G RAM TRADERS

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Thank you for exploring our comprehensive catalogue. We hope our innovative solutions inspire your next agricultural venture or landscaping project. At G Ram Traders, we are committed to delivering excellence in irrigation technology, helping you achieve optimal crop yields and sustainable water management. For personalized assistance or to place an order, please don't hesitate to contact our dedicated team. Let's grow together with precision, efficiency, and environmental stewardship. Your success is our mission.

### REACH US

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