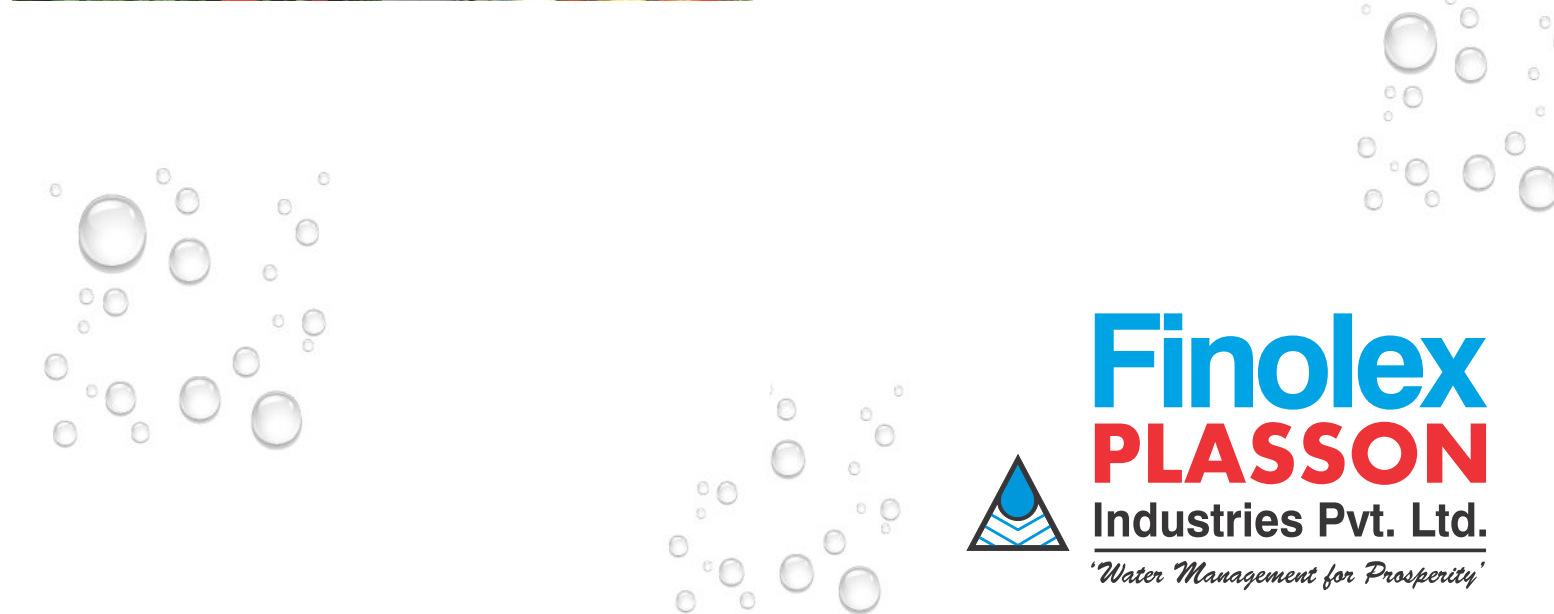




Every Drop Counts™



Finolex
PLASSON
Industries Pvt. Ltd.
'Water Management for Prosperity'



Finolex Plasson Industries Pvt. Ltd.

FINOLEX PLASSON INDUSTRIES PVT. LTD. (FPIPL) is a Joint Venture between Finolex Group - India (www.finolex.com) and Plasson Ltd. – Israel (www.plasson.com). Established in 1992 and based near Pune, FPIPL, an ISO 9001:2008 company, is a leader in the field of Micro Irrigation in India today.



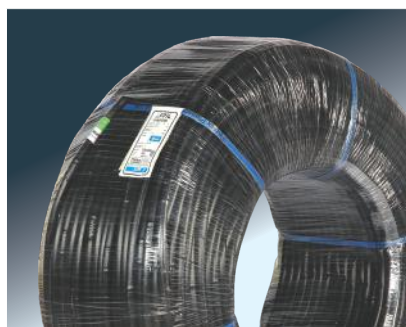
FPIPL offers a wide range of products and solutions in the field of Precise Irrigation and Intensive Agriculture Cultivation.

Our solutions include complete tailored Drip and Micro Sprinklers Systems and turnkey projects for all agriculture sectors such as Row Crops, Horticulture, Greenhouses, Plantations, Orchards, Nurseries and more.

FPIPL's services include Survey, Planning and Design facilities for Drip, Mini & Micro Sprinklers, Foggers, Misters, Fertigation equipment, HDPE Sprinkler Pipe Sets etc. for various Field Crops, Horticulture Crops, Plantations, Greenhouses and Poly-house Irrigation Systems etc.



Along with its advanced systems, FPIPL also provides comprehensive Agronomic Guidance and Knowledge Transfer Programs on Irrigation, Fertigation and all parts of cultivation. Our goal is to



maximize the users' benefit from FPIPL's systems. FPIPL has successfully executed Irrigation System over 750,000 acres area (up to 31st March 2015) on various crops.

The Company has over 500 qualified professionals, that include, Surveyors, Application Engineers, Agronomists, Soil Scientists and Sales Engineers to meet the growing marketing requirements.

FPIPL has a wide spread network of over 1200 distributors across India for Sales & Service of all products and also offer services outside India.

FPIPL is well-known for its quality products and services.



Finogol Emitting Pipe

Salient Features

- IS : 13488 : 2008 marked
- Long lasting multi-seasonal driplines
- Cylindrical dripper with a long and wide labyrinth
- Large inbuilt inlet filters
- Manufactured with two outlets
- Outstanding clogging resistance
- Constant inside diameter regardless of dripline wall thickness
- Conforms to 'A' class Emission Uniformity
- Manufactured from superior durable materials ensuring longevity
- Protected against UV degradation
- Resistant to chemicals and fertilizers commonly used in agriculture



Applications

- All close spacing crops
- Greenhouses and Nurseries
- As loop system in wide spacing crops
- With group spacing for Fruit Orchards

Specifications

- Available in 1 lph, 2 lph and 4 lph flow rates in 16 mm diameter and 1 lph, 2 lph and 3 lph flow rates in 12 mm diameter
- Drippers' spacing of 15 cm and above

Nominal operating pressure – 1 bar



Finogol
Emitting Pipe





Finogol PC ND Emitting Pipe



Subsurface Drip

Salient Features

- Reliable pressure-compensated mechanism based on unique flow-regulating cylindrical drippers and sensitive floating diaphragms
- Non Drain Mechanism
- Resistance to root intrusion into dripper
- Large cross-sectional labyrinth and self-flushing mechanism
- Excellent clog resistance
- Two outlets per dripper
- Conforms to 'A' class Emission Uniformity

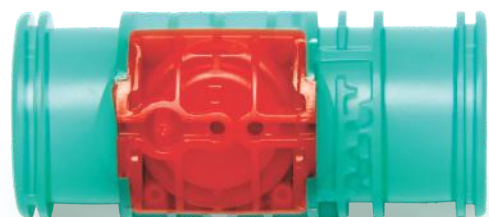
Applications

- Ideal for fields with sloping terrain or long running lengths
- High value open field crops which need precise irrigation

- All soil-less media plantings / pulse irrigation
- Greenhouses, Nurseries and Landscapes

Specifications

- Available in 16 mm diameter with 2.1 lph emitter flow with spacing of 15 cm and above
- Operating pressure – 0.8 to 3.5 bar
- Opening pressure – 0.6 bar
- Sealing pressure – 0.1 bar



Fino Strip

Salient Features

- Water passage with large, deep and wide labyrinth of flat dripper
- Well-defined turbulent flow path for more clog resistance
- Low CV ensures high emission uniformity
- Manufactured from superior durable materials ensuring longevity
- Protected against UV degradation
- Resistant to chemicals and fertilizers commonly used in agriculture
- Conforms to 'A' class Emission Uniformity

Applications

- All close spacing crops
- Greenhouses and Nurseries
- As loop system in wide spacing crops
- With group spacing for fruit orchards
- Group spacing is also available for wide spacing crops

Specifications

- Flow rate – 2 and 4 lph
- Dripline size – 12 mm, 16 mm and 20 mm
- Dripline thickness – 0.15 mm (6mil) to 1mm (40mil)
- Operating pressure – 1 bar
- Emitter spacing – Any spacing from 15 cm, 30 cm, 40 cm, 50 cm, 60 cm, 75 cm etc.





Finotif

Salient Features

- IS : 13487 : 1992 marked
- Manufactured from superior durable engineering plastics
- A take-apart emitter, allowing easy on-site cleaning
- Easy to open and close. No tools required
- Built-in labyrinth. No risk of losing the labyrinth while cleaning
- Distinctive turbulent flow path labyrinth with large water passages
- Clog resistant design with unique wide turbulent flow path
- Low profile construction, avoiding mechanical damage in the field





- Raised port outlet prevents water run-off along laterals
- Can adopt microtube / spaghetti

Applications

- Widely spaced crops like orchards, fruit crops, coconut, oil palm etc. in plain terrain

Specifications

- Available in 2 lph, 4 lph, 8 lph and 16 lph flow rates
- Nominal operating pressure – 1 bar

Finotif





Finofog

Salient Features

- Unique vortex flow path
- Fine droplets
- Very high degree of humidity formation and evaporative climate cooling
- Also supplied as a complete assembly consisting of anti-leak mini-valve to prevent drainage, dead weight to keep fogger straight, extension tube and connectors



Applications

- Humidification and evaporative climate control in Greenhouses and high tunnels
- Livestock shade cooling
- Cutting propagation and seed germination on tables
- Orchid and Anthurium irrigation

Specifications

- Nominal flow rate at 3.5 bar – 22 lph
- Operating pressure : 2.5 to 5.5 bar
- Coverage diameter : 60 to 150 cm depending on pressure
- Average droplet size 70 micron



Finofog



PVC Ball Valves



Salient Features

- Precision moulded valves made from uPVC suitable for pipe line systems up to 16 bar
- Compact Single Union (one nut) design
- Cold PVC solvent cementing female connections
- Excellent chemical and corrosion resistance
- Very low frictional head losses
- High fluid carrying capacity
- Easy to dismantle and re-assemble
- Valves are serviceable in field
- Made of high quality engineering materials
- Suitable for pipes made as per IS : 4985 for agriculture

Applications

Micro Irrigation System and Lift Irrigation Systems for Agriculture

Specifications

- Sizes: Female PVC solvent cemented connections of 50 mm , (DN40 –1 1/2"), 63 mm (DN50 – 2") & 75 mm (DN 63 - 2 1/2")
- Pressure Rating : PN 16 i.e. 16 bar (227 psi)
- Colour: Grey in accordance with PVC-U pressure pipeline standards with blue handles
- Other Sizes Also Available.

Standard Packing

- 50mm – 10 valves in a box
- 63mm – 8 valves in a box
- 75mm – 6 valves in a box



Filters



Sand Filters

Sizes : 2" /16", 2"/20", 3"/25", 3"/30"



Hydro Cyclone Filters

Sizes : 2", 3"



Plastic Disc / Screen Filter

Sizes : 3/4", 1", 1-1/2", 2", 2-1/2" and 3"



Fertigation Tanks

Sizes : 30 litre, 60 litre and 90 litre

Fertigation



Venturies

Sizes : 3/4", 1", 1-1/2", 2" (low flow) and 2"

PORTABLE HDPE SPRINKLER SETS

Components – HDPE Pipes and Fittings

- Manufactured as per IS : 14151 (Part 2) in 63 mm, 75 mm and 90 mm sizes
- Made of 100% virgin materials
- Homogeneous fusion welded joints
- Molded fittings manufactured with cutting edge technology

Salient Features – Sprinkler

- Manufactured as per IS : 12232 (Part 1)
- Available in ¾" BSP Male Thread Connection
- Bronze Body & Arm
- Brass Bearing Sleeve & Nipple Stainless Steel Springs & Pivot Pin
- Trajectory Angle : 27°
- Also available in Engineering Plastic

Applications

All close spacing crops with shifting like

- Spices
- Vegetables
- Cereals
- Pulses
- Oil Seeds etc.

Fittings

- Quick Coupling Pump Connecting Nipple
- Quick Coupling 90 Deg Bend
- Quick Coupling Equal Tee
- Quick Coupling Pipe End
- Quick Coupling Foot Batten
- Riser Pipes
- Sprinkler Nozzle

Specifications

- HDPE Pipes & Fittings sizes : 63 mm, 75 mm and 90 mm
- Recommended Pipe Spacing : 12 mtr
- Recommended Sprinkler Spacing : 12 mtr
- Coverage Diameter : 11 to 13 mtr
- Operating Pressure Range : 2 to 4 kg/cm²
- Pipes : 63, 75, 90 & 110 mm
- Sprinkler Nozzles : ¾"



Air Release Valves



Automation Products



Filter Station





Corp. Office

P-14, 4th floor, Rajeev Gandhi Infotech Park,
Phase -1, MIDC, Hinjewadi, Pune 411 057
Tel : (91) 20 27518300 Fax : (91) 20 22932294
Email : finolexplasson@fpil.in Web : www.fpil.in

