



Your Lifeline to Prosperity®





#### Jain uPVC and Quick Fix™ Pipes

##### Range:

Ø 16 (0.5") to 560 mm (22")  
2.5 to 16 kgf/cm<sup>2</sup> Pressure Classes

##### Standards:

ISO 4422, BIS 4985, DIN 8061/62,  
BIS 12231, BIS 9537, BIS 14787,  
AS/NZS 1477, SI 532, ISO 1452-2, PN 65

##### Applications:

- Potable Water Supply Systems
- Lift & Gravity Irrigation Systems
- Drip/Sprinkler Irrigation System
- Rain Water Harvesting
- Industrial Process Lines
- Chemical Conveyance System
- Cooling Tower & Hydro Power Station

#### Jain uPVC Well Casing & Screen Pipes

##### Range:

Ø 42 (1¼") to 540 mm (20")  
For Well Depth up to 450 Meters  
Also Available in Over Burden  
Plain & Ribbed Screen  
Slot Size- 0.2mm to 3mm  
Class- Shallow, Medium & Deep

##### Standards:

BIS 12818, DIN 4925, ASTM D 1785,  
ASTM D 2241, ASTM F 480, Company

##### Applications:

- Tube Wells & Bore Wells
- Piezometric / Monitoring Wells
- Collector Wells
- Waste Disposal & Injection Wells
- Pressure Relief Wells
- Agriculture Vertical Drainage Wells
- Aquifer Recharge Wells



Lead & Tin Free

#### Jain Sure-Loc Plus® uPVC Column and Riser Pipes

##### Range:

##### Column Pipe

40 (1½") to 200 mm (8") NB

##### Riser Pipe

42mm (1¼") to 75 mm (2½")

##### Standards:

ASTM D1785, Company

##### Applications:

- Suitable for Submersible Column Pipes
- Agriculture Pumpset - Suction/Delivery Pipes in Tube & Bore Wells
- Portable Pumping Systems
- India Mark II, Mark III Hand Pump



Lead & Tin Free







### B-Sure uPVC Plumbing System

#### Range:

Ø ½" to 6" in SCH 40, 80 & 120

Ø 20 to 50 mm

Available in Plain & Threaded types.

Fittings: Fittings are available as per ASTM & BIS standards

#### Standards:

Pipes: BIS 4985, ASTM D 1785

Fittings: ASTM D 2467 (SCH 80)

Colours: White, Blue, Grey

#### Applications:

- Potable Water Supply Systems
- Rising and Distribution Mains
- Residential & Commercial Complex / Township/ High rise buildings / Hospitals & Industrial Plumbing
- Swimming Pools



Lead & Tin Free

### B-Sure uPVC SWR Piping System

#### Range:

Ø 40 mm (1½") to 160 mm (6¼")

Available both in Rubber Ring Socket & Plain Socket types. Type 'A' & Type 'B'

160 mm also available in Click Ring type.

Fittings: Fittings available in 75 mm, 110 mm to 160 mm sizes.

#### Standards:

BIS 13592, BIS 14735, ISO 3633

#### Applications:

- Soil & Waste Discharge System
- Rain-water System
- Ventilation System



### B-Sure uPVC Drainage & Sewerage Pipes

#### Range:

63 mm to 500 mm with SN-2KN/m<sup>2</sup> to SN-8KN/m<sup>2</sup> pressure rating.

Available both in Rubber Ring Socket & Plain Socket types.

#### Standards:

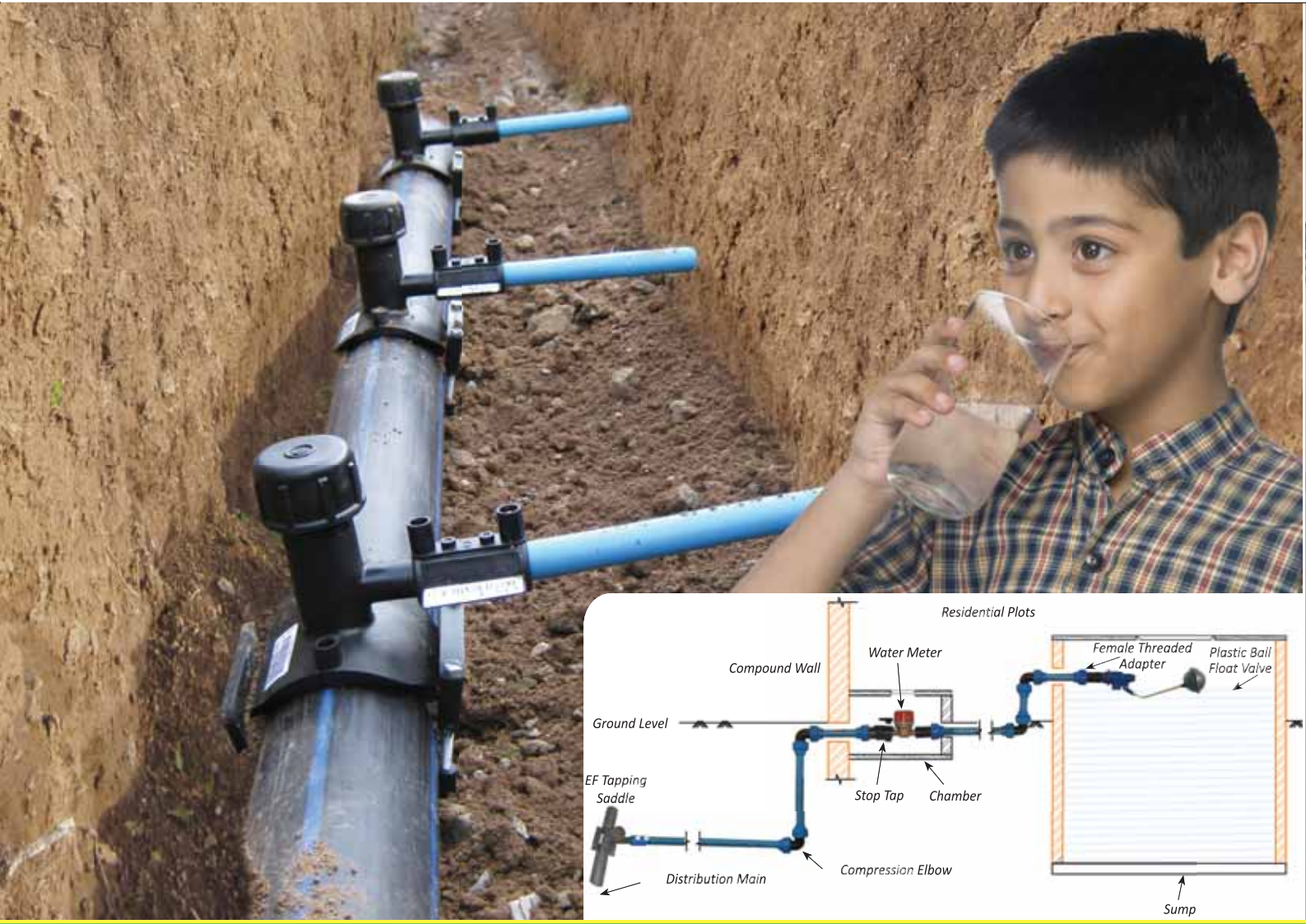
BIS 15328, BSEN 1401

#### Application:

- Specially Recommended for Underground Sewerage/ Drainage Systems
- Industrial Effluent Conveyance
- Storm Water Drainage.







### Jain Polyethylene (PE) Pipes

#### Range:

Upto 2000mm (80")

Pressure Rating 2.5 to 25 kgf/cm<sup>2</sup>,

Also available with tracer for easy detection

#### Standards:

BIS 4984, ISO 4427, DIN 8074/75, BIS 14151

#### Length:

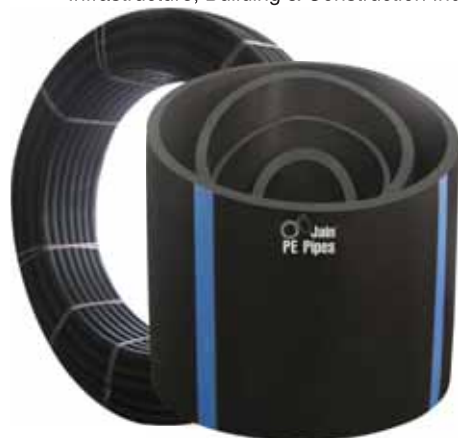
Available in straight lengths of 6/12 meters for all sizes and in Coils upto 140 mm OD size.

#### Material Grades:

• PE-63 • PE-80 • PE-100

#### Applications:

- Marine & Sub-Marine Lines
- Pumping Main & Distribution Lines
- Lift & Gravity Irrigation
- Suction & Delivery Pipes
- Drip & Sprinkler Irrigation Systems
- Aquaculture & Salt Pan industry
- Infrastructure, Building & Construction Industry



### Jain Polyethylene (PE) Water Distribution & House Service Connection

#### Range:

Ø 20 (0.5") to 2000 mm (80") / Pressure Rating 2.5 to 25 kgf/cm<sup>2</sup>

#### Standard:

ISO-4427

#### Length:

Available in straight lengths of 6/12 meters for all size and in coils upto 140 mm. OD size.

#### Material Grades:

- PE-80 & PE 100 (Blue Colour) ■
- PE-80 & PE 100 (Black With Blue Stripes) ■

#### Applications:

- Potable Water Distribution Network & Rising Main
- House Service Connections



### Jain Silicoat® PE OFC Ducts

#### Range:

**Micro Duct** - Ø 3/1.5, 5/3.5, 7/5.5, 8/4.4; 10/5.5, 10/7.6, 10/8, 12/8, 12/10, 14/10, 16/10 mm OD/ID

**OFC Duct** - 29/23, 32/26, 32/27, 32/28, 40/33, 40/34.2, 50/42, 50/43 mm OD/ID

Also available with Tracer Duct for easy detection.

**Spirozoom** - 38.8mm & 40/34.2, 40/33mm

**Multi-Micro Duct** - 2way to 8 way

Fittings: Pushfit OFC duct fittings

#### Standards:

BSNL (TEC) Specification, Company TEC GR No. GR/MDS-01/01, FEB 2010

#### Length:

Available in Coils & Drums

#### Material Grades:

- PE-63 & PE-80 in Different Colours

#### Applications:

- Optical Fiber Cable (OFC) Ducting for Telecom & Data Networks
- Fiber To The Home ( FTTH ) application







THE LARGEST HDPE PIPE 1600 MM OD MADE IN INDIA BY JAIN IRRIGATION SYSTEMS LTD.

#### B-Sure PE Corrugated Pipes

##### Range:

Ø 63/51, 75/61, 90/76, 125/101, 200/172, 250/213 mm OD/ID

##### Standards :

BIS 14930( Part 2)-2001,  
TEC Spec GR/DWC-34/01 SEP 2007,  
EN 13476-1:2007 (E)

##### Length:

Available in straight lengths of 6/12 meters for all size and in coils upto 125 mm. OD size in different colours.

##### Applications:

- Power Cable Conduit & Telecom Cable Duct
- Drainage & Sewerage Lines
- Detention/ Retention Storm Water Lines
- Building & Construction
- Agriculture/ Subsurface Drainage



#### B-Sure PE Gas Piping Systems

##### Range:

Ø 20 (0.5") to 315 mm (12")

Pressure Rating SDR 9,11,13.6,17.6

Electro Fusion Fittings - Ø 20 to 355 mm,  
7/12.5/16 kgf/cm<sup>2</sup>

##### Standards:

BIS 14885, ISO 4437

##### Length:

Available in straight lengths of 6/12 meters for all size and in coils upto 140 mm. OD size.

##### Material Grades:

- PE-80 (Yellow) ■
- PE-100 (Orange) ■
- PE-80 (Black) ■

##### Applications:

- Natural Gas/ Vaporized LPG Conveyance and Distribution
- Industrial Gases Distribution
- Landfill & Leachate Gas Extraction and Conveyance



#### B-Sure Polyethylene PE and Polypropelene (PP) Sewerage Pipes

##### Range:

Ø 63 to 2000 mm / Pressure Rating 2.5 to 25 kgf/cm<sup>2</sup>

Also available with tracer for easy detection

##### Standards:

BIS 14333, BIS 10910

##### Length:

Available in straight lengths of 6/12 meters for all size and in coils upto 140 mm. OD size.

##### Material Grades:

- PE-63 • PE-80 • PE-100 (Black Colour) ■
- PP-H100 • PP-B80 • PP-R80

##### Applications:

- Sewerage
- Effluent Conveyance & Waste Disposal Lines
- Lining of Existing Sewerage lines
- Chemical Conveyance
- Dredger Pipes
- Ash Slurry Conveyance
- Mining





#### Jain uPVC Injection Moulded & Fabricated Fittings

##### Range:

Injection Moulded Fittings -  
 $\varnothing$  20 to 200 mm upto 10 kgf/cm<sup>2</sup> Pressure Rating  
 Fabricated Fittings -  
 $\varnothing$  20 to 560 mm/ Pressure Rating  
 up to 16 kgf/cm<sup>2</sup>

##### Standard:

Injection Moulded Fittings - BIS 7834, DIN 8063  
 Fabricated Fittings - BIS 10124



#### Jain PE Injection Moulded & Fabricated Fittings

##### Range:

Compression Fittings -  
 $\varnothing$  20 to 110 mm, upto 16 kgf/cm<sup>2</sup>  
 Moulded Fittings -  
 $\varnothing$  40 to 2000 mm, upto 16 kgf/cm<sup>2</sup>  
 Electro Fusion Fittings - Blue ■ & Black ■  
 $\varnothing$  20 to 355 mm, upto 16 kgf/cm<sup>2</sup>  
 Fabricated Fittings -  
 $\varnothing$  20 to 2000 mm upto 16 kgf/cm<sup>2</sup>

##### Standard:

PE Moulded Fitting- BIS 8008, ISO 14236  
 Fabricated Fittings- BIS 8360



#### Jain PVC&PE Pipe Joints & Accessories

##### Range:

Different Connections are available to Join  
 Various types of Pipeline for Pressure &  
 Non-Pressure Applications.

- Electrofusion Joint - PE
- Butt Fusion Joint - PE
- PE Flange Joint - PE
- Quick Connect Joint - PE
- Rubber Ring Joint - PVC
- Adjustable Dismantling Joint - PVC
- Solvent Weld Joint - PVC
- Compression Joint - PE/ PVC
- Sure-Loc Plus Joint - PE/ PVC
- Transition Joint - PE/ PVC
- Metallic Flange Joint - PE/ PVC
- Flange Adopter Joint - PE/ PVC
- Shoulder Groove Joint - PE/ PVC
- Threaded Joint - PE/ PVC







### Turn-Key Projects

**Range:** uPVC, PE & PP Pipes for different Applications

**Scope:** Concept to Commissioning including Design, Supply, Installation, Testing, Commissioning, all types of Civil & Electro-Mechanical Works, Training and Maintenance.

### Turn-Key Services - Capabilities

Jain Irrigation undertakes Piping for Irrigation, Water Supply, Gas, Cable-Ducting, Sewerage, Drainage, Relining of Existing Pipelines, Rehabilitation of old sewerage lines, Industrial & Mining applications etc. Indeed, it is the only Company in the country which offers such a wide range of products and services.

Project Consultancy & Design, International Quality PVC & PE Piping Systems, and other products- backed with Top Class Contracting Expertise. We offer a win-win combination of all three.

We have a large pool of Scientists, Technicians & Engineers backed-up by the widest spectrum of products whose quality is assured by our DSIR approved R&D laboratory, ISO 9001, ISO 14001 & BS OHSAS 18001 system combined with over 30 years of solid experience.

We undertake Projects on Turn-Key basis from Conception to Commissioning with value added services. We offer Cost effective, down-to-earth solutions for complex challenges backed by our core strength of Global Knowledge & Experience using local man-power & capabilities an ideal combination of technology, intelligence and common sense.

Whatever be the nature of the project requirement, Jain Irrigation assures Total Turn-Key Solutions and maximum value for your money spent.



### Control, Safety Valves & Water Meters

#### Range:

- PVC Ball Valve - 1/2" to 3" NB
- PVC Foot Valve - 2½", 3" & 4"
- PVC Gate Valve - 1½" & 2"
- PP ball Valve
- Air Release Valves ½" to 3" • Double Action
- Air Release Valve -1" & 2"
- Hydraulic & Solenoid Valves
- Gun Metal/C.I Gate, Sluice, Butterfly Valves
- Pressure Relief & Reducing Valves
- Pump Control, Non Return & Check Valves
- Automatic Metering Valves
- Mechanical & Electro Magnetic Water Meters.



### Automation Range

#### Range:

- Automation of Rising Main to Distribution Lines in full or part (need based) with computerized commercial billing connected to volumetric/ time based automation.
- Right from single station to multiple stations (up to 48) can be operated through single controller and multiple controllers can be programmed through a central computer, Hardwire, Two wire Decoder, Radio, Telephone or Cellular Connections are possible.



### Turn-Key Projects - Concept To Commissioning

- Preliminary Feasibility Reports & Studies
- Detailed Bankable Project Reports
- Soil, Land Survey & Studies
- Design & Planning
- State-of-the-art Manufacturing facilities
- Own Equipment & Machinery
- Widest range of products International Quality Pipes, Fittings, Valves & Accessories
- Automation (need based) of Rising and Distribution Lines and House Service Connection in Full and/or part
- Complete Installation of Piping work including civil work
- Testing & Commissioning of the Complete System/Network
- Training both In-House & On the Field







## THE COMPANY

Jain Irrigation Systems Ltd is a diversified entity with turnover in excess of ₹ 3650 crores. We have a Pan-India & Global presence with 23 manufacturing bases spread over 6 continents. Our products are supplied to over 110 countries with able assistance from more than 3000 Dealers and Distributors worldwide.

We are the second largest Micro Irrigation company in the world. Our businesses include Complete range of Micro Irrigation Systems and Components, PVC and PE Piping Systems, PVC and Polycarbonate Sheets, Solar Water Heaters and Solar Lighting, Processed Fruit & Vegetable, Tissue-Culture, Green Houses etc.

We have the distinction of being the largest processor of Thermoplastic Piping in India. We annually process over 300,000 MT of various polymers. We extrude and injection mold PVC, PE, PP along with other engineering polymers like Polycarbonate, Polyamide, PBT, ABS etc in our ISO 9001, ISO 14001 & BS OHSAS 18001 certified manufacturing facilities.

We have an enviable track record as a 'Total Solution Provider' for various Piping Systems for Water, Sewerage, Drainage, Sub-Soil Drainage, SWR, HSC, Lift / Drip / Sprinkler Irrigation, Effluents, Chemicals, Ash / Slurry, Offshore / Marine Outfall, Gas & Cable Ducting etc.

Our unending efforts in the pursuit of excellence with ongoing Research and Development have earned the Company the highest R & D awards of the country apart from numerous other awards and recognition for our performance in Exports, Fair Business Practices, Quality, Excellence etc.

We take pride in processing plastic so much, so far and so well under one roof !



Jain Plastic Park, P.O. Box 72, Jalgaon - 425 001. India.

Tel: +91 257 225 8011; Fax: +91 257 225 8111; E-mail: [jisl@jains.com](mailto:jisl@jains.com); Website: [www.jains.com](http://www.jains.com)

