



Better B-Sure, Never be sorry!™

## Features

- ♥ Modern & Smart
- ♥ Easy to install
- ♥ Economical
- ♥ UV stabilized
- ♥ Durable
- ♥ Maintenance free



A product from Jain Irrigation Systems Ltd.



## Product Information

**B-SURE** SWR System has immunity to corrosion and resistance to all types of chemicals used in detergents and disinfectants.

**B-SURE** SWR System comes with a full product range, excellent service support & wide distribution network.

**B-SURE** SWR System is manufactured strictly conforming to the relevant environment friendly standard.

**B-SURE** SWR System is a result of 30 years experience in Polymer processing at JAINS.

**B-SURE** is available in both Solvent Joint & Rubber Ring Joint type.

**B-SURE** SWR System is yet another superior piping system from JAINS, where more than 300000 M.T. of various polymers are processed annually.

### Product Specification

#### SWR Pipes

- Pipes are available from 40mm to 160mm OD
- Available in Rubber Ring, Solvent type Joint
- 160mm also available in Clip-ring Joint
- TYPE A - Used for Ventilation & Rain-water System.
- TYPE B - Used for Soil & Waste Discharge System

IS : 13592



CML-7688608

#### SWR Fittings

- Fittings are available in 75,90,110 & 160mm OD
- Available in Rubber Ring, Solvent type Joint
- 160mm also available in Clip-ring Joint
- Also Conforming to DIN : 19531/19534
- Available both in Solvent Cement & Rubber Ring Joints.

IS : 14735



CML-7726788

### Test Parameter

#### B-SURE SWR PIPE

IS : 13592 Test Parameter:	Value
1. Impact Strength	TIR Max. 10%
2. Tensile Strength	Min. 45 MPa
3. Stress Relief Test	No Signs of Blisters & Crack
4. Reversion Test	Max. 5%
5. Vicat Softening Temp	Min. 79°C
6. Exposure to Sunlight	After 1600 Hrs shall not show any difference in color or physical appearance.
7. Resistance to H <sub>2</sub> SO <sub>4</sub>	Neither increase by > 0.32 g nor decrease by > 0.13 g
8. Axial Shrinkage (for Type B only)	Max. 2%
9. Elongation	Min. 80%
10. Water Tightness of Joint	No leakage from joints at 0.05 MPa

#### B-SURE SWR FITTINGS

IS : 14735 Test Parameter:	Value
1. Impact Test (Drop Test)	No Fracture or Crack
2. Vicat Softening Temp.	Min. 78°C
3. Resistance to H <sub>2</sub> SO <sub>4</sub>	Neither increase by > 0.32 g nor decrease by > 0.13 g.
4. Stress Relief Test	No Signs of blisters, Crack, Weld line splitting & delamination
5. Sulphated Ash Content	Max. 10% by mass.
6. Water Tightness of Joint	No leakage from joint at 0.05 MPa.

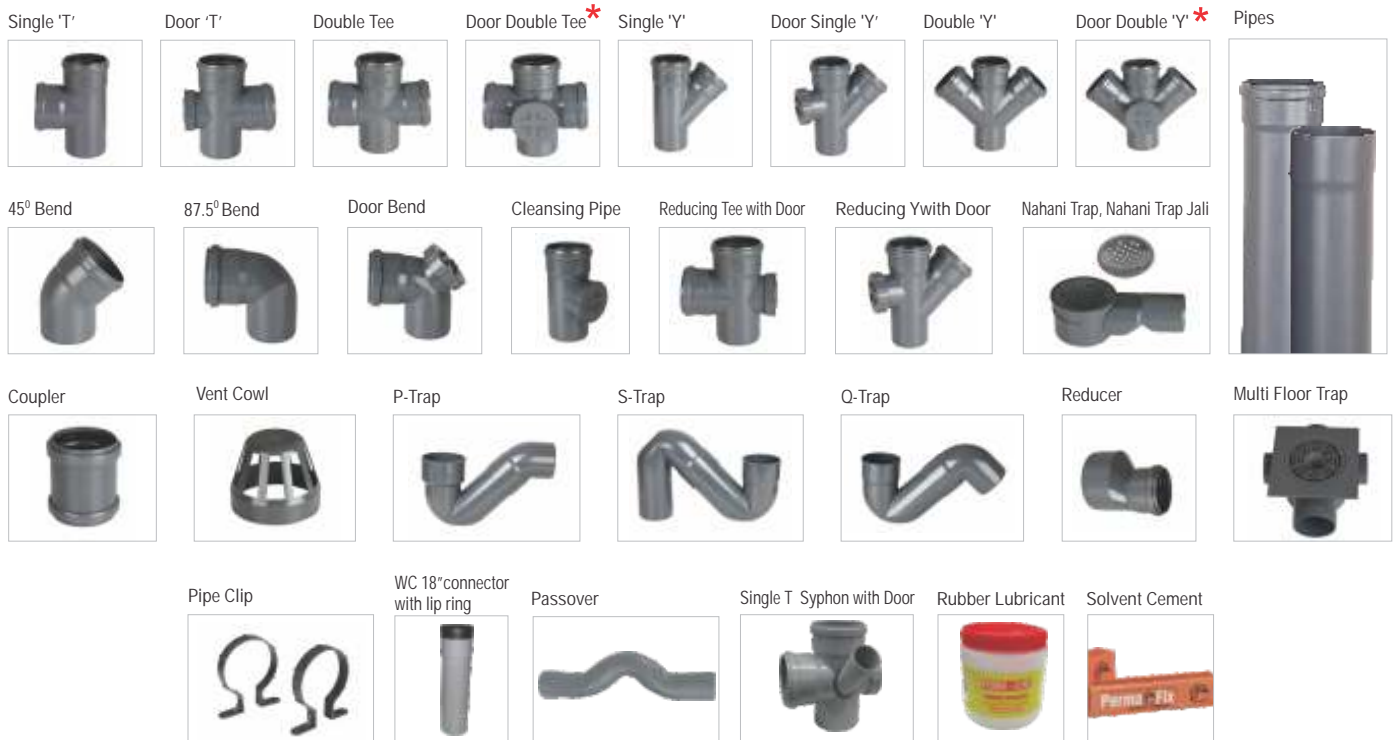
• All pipes under this standard are available (40mm to 160mm OD).

• Use Perma-Fix solvent cement for socketed joints.

• Fittings are available in 75mm ,90 mm, 110mm & 160 mm sizes.

• Use Perma-lube for Rubber-Ring joints.

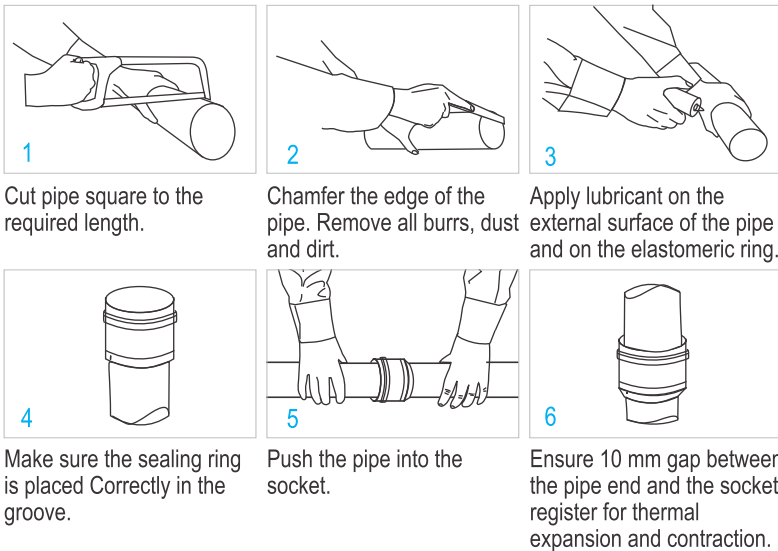




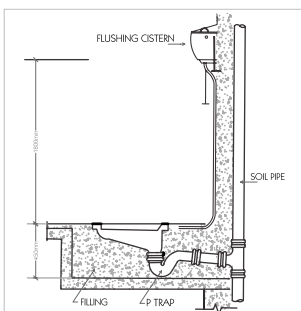
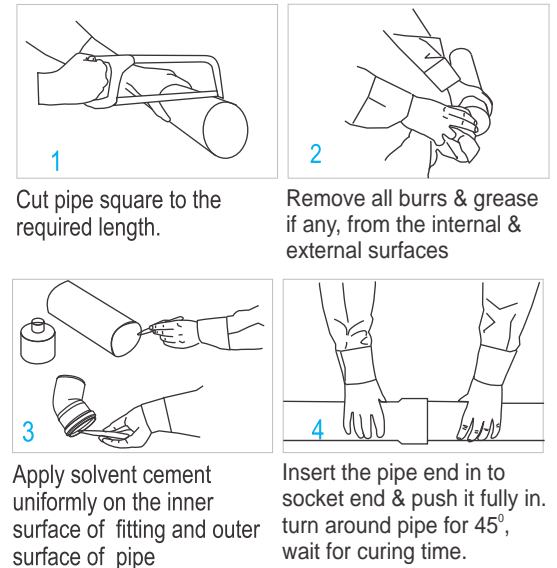
\*Available With Right & left Door

## Installation Procedures

### Rubber Ring Joints :



### Solvent Welded Joint :



For any support information on design and trouble-free installation, kindly contact our Technical Support Team.

- 1) Arrange the correct location of 'P/Q/S' trap and properly set on the floor finish, having firm base.
- 2) The outlet of the trap should be left open during filling the sunken portion.
- 3) Apply the lubricant on trap connector ring and on the outlet of IWC PAN.
- 4) Push the outlet of IWC PAN into the trap Socket to make the joint.



## THE COMPANY

Jain Irrigation Systems Ltd. is a diversified company with turnover in excess of ₹ 4200 crore. We have a Pan-India & Global Presence with 26 manufacturing bases spread over 4 continents. Our products are supplied to over 116 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 Sheets; Solar Water Heaters; Lighting & Pumping; Processed Fruits & Vegetables; Tissue-Culture, Green Houses etc.

We have the distinction of being the largest processor of Thermoplastic Piping in India. We annually process over 3,00,000 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. Numerous other awards and recognition for our performance have been earned in Exports, Fair Business Practices, Quality, Excellence, Innovation, Environment, Product development etc. under the leadership of our Chairman Padmashree Dr. B.H. Jain.

The Corporation has pioneered the Piping Industry in India and helped harbingers a Second Green Revolution.

The reward has been millions of smiling farmers and scores of customers across the globe.



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