



Better B-Sure, Never be sorry!™



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.

A product from Jain Irrigation Systems Ltd.

B-SURE SWR Features

♥ Modern & Smart ♥ Easy to install ♥ Economical ♥ UV stabilized to ensure lifetime endurance ♥ Specially compounded to withstand rugged outdoor installations ♥ Smooth finish to ensure non choking system ♥ Durable for warm/hot waste water disposal ♥ Maintenance free



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*Available With Right & left Door

Product Range

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



CM/L-768608

SWR Fittings

- Fittings are available in 75mm, 110mm & 160mm sizes.
- Available in Rubber Ring, Solvent type Joint
- 160mm also available in Clip-ring Joint
- Also Conforming to DIN : 19531/19534
- Suitable for both Type A & Type B

IS : 14735



CM/L-7726788

Product Specification

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 ₂ SO ₄	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

- Use Perma-Fix solvent cement for socketed joints.

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 ₂ SO ₄	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.

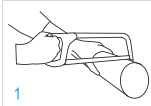
- Use Perma-lube for Ruber-Ring joints.



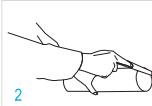
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Installation Procedures

Rubber Ring Joints :



1
Cut pipe square to the required length.



2
Chamfer the edge of the pipe. Remove all burrs, dust and dirt.



3
Apply lubricant on the external surface of the pipe and on the elastomeric ring.



4
Make sure the sealing ring is placed Correctly in the groove.

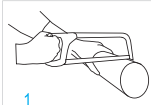


5
Push the pipe into the socket.



6
Ensure 10 mm gap between the pipe end and the socket register for thermal expansion and contraction.

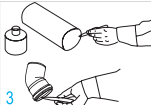
Solvent Welded Joint :



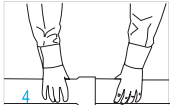
1
Cut pipe square to the required length.



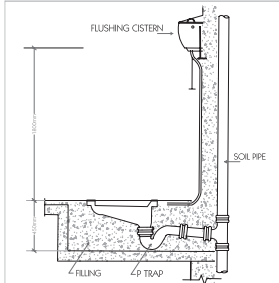
2
Remove all burrs & grease if any, from the internal & external surfaces



3
Apply solvent cement uniformly on the inner surface of fitting and outer surface of pipe



4
Insert the pipe end in to socket end & push it fully in. turn around pipe for 45°, wait for curing time.



- 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.

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





COMPANY PROFILE - There is more to Jain Irrigation than irrigation. We have an enviable track record for developing down-to-earth solutions for complex challenges in the field of Agriculture. We use the best of cost-effective technology, combined with the innate common sense Indians are known for.

Jain Irrigation Systems Ltd is a diversified entity with turnover in excess of Rs. 3100 crores. We have a Pan-world presence with 20 manufacturing bases spread over 5 continents. Our products are supplied to 110 countries with able assistance from 3000 Dealers and Distributors worldwide.

We are rated among the 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, and other solar appliances (Pumps, Fans etc.), Fruit & Vegetable processing, Banana Tissue Culture etc.

We have the distinction of being the largest processor of Thermoplastic Piping in India. We annually process more than 3,00,000 MT of various polymers. We process 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 such as 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 and 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!

Dealer :



Better B-Sure, Never be sorry!



Jain Irrigation Systems Ltd.

Small Ideas. Big Revolutions.



Quantity is way of Life
See Irrigation Systems Ltd. at ISO 9001:2015
and ISO 14001:2015 Certified Company

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