

**Architects, Consultants, Builders,
Contractors & Developers.**



**One good reason, Why your
client on the left will stay
happy, years from now...**



**compared to the one on
your right.**

Because you chose **B-SURE** for her Home.



The state-of-the-art equipment & virgin material used to produce **B-SURE** SWR system, adds to the strength and durability, that is unmatched by any other system available in the market.

The special UV stabilized compound, improves the weatherability of the **B-SURE** SWR system, ensuring an enduring life span when installed in any climatic condition.

B-SURE SWR system offers u-PVC's inherent advantages in totality.

The smooth inside surface of the **B-SURE** SWR system is unique. It provides a choke-free system with almost no maintenance cost.

B-SURE SWR system joints are unique and so designed that any deflection due to soil settlement will not lead to breakages.

B-SURE SWR system is resistant to any cleaning chemical or acids during its entire life span.

All the special performance characteristics of **B-SURE** SWR system are assured by JAINS - known for their quality, R&D and product innovation for over 30 years

B-SURE SWR system, form a part of a comprehensive range of pipe systems manufactured by JAINS to provide lasting solutions for builders in particular and the construction industry in general.

The Quality Assurance of **B-SURE** SWR system is backed by JAINS standard warranty.

For the Construction and Infrastructure Industries, JAINS have Piping systems for Rain Water Management, Sewer Systems, Effluent Disposal, Electrical and Telecom Duct, Plumbing and Pressure Piping Systems for Water and Gas distribution.

Better B-Sure, Never be Sorry!™





Product Information

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

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

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

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

B-SURE SWR System is yet another superior piping system from JAINS, where 2,00,000 M.T. of various polymers are extruded and injection moulded annually.

B-SURE SWR System is ably supported by our well spread out dealer network.

Product Specification

(All dimensions are in mm)

SWR Pipes

TYPE A - Used for Ventilation & Rain-water System.

TYPE B - Used for Soil & Waste Discharge System

IS : 13592



CM/L-7688608

SWR Fittings

Also Conforming to DIN : 19531/19534

Available both in Solvent Cement Joints & Rubber Ring Joints.

IS : 14735



CM/L-7726788

Nominal Diameter	Mean Outside Diameter		Type A Wall Thickness		Type B Wall Thickness	
	Min.	Max.	Min.	Max.	Min.	Max.
75	75	75.3	1.8	2.2	3.2	3.8
90	90	90.3	1.9	2.3	3.2	3.8
110	110	110.4	2.2	2.7	3.2	3.8
160	160	160.5	3.2	3.8	4.0	4.6

Pipe-Clip Spacing Distance:

Size	75	90	110	160
Horizontal (in mtr.)	0.9	0.9	0.9	1.2
Vertical (in mtr.)	1.8	1.8	1.8	1.8

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	Max. 2%
9. Elongation	Min. 80%
10. Water Tightness of Joint	No leakage from joints at 0.05 MPa

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

B-SURE SWR FITTINGS

IS : 14735 Test Parameter:	Value
1. Impact 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.

• Fittings are available in 75mm & 110 mm sizes.

B-SURE SWR System

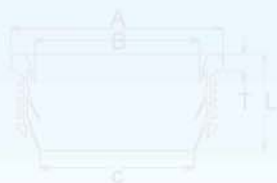
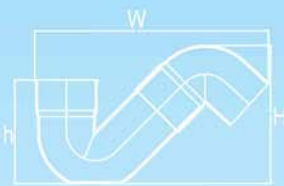
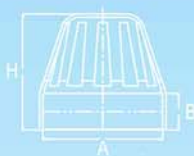
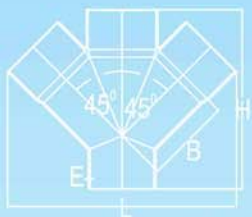
Modern & Smart

Easy to install • Economical

UV stabilized to ensure lifetime endurance

Specially compounded to withstand rugged outdoor installations

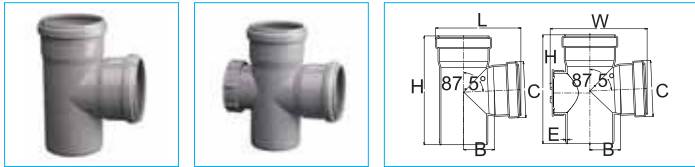
Smooth finish to ensure non choking system • Durable for hot waste water disposal • Maintenance free





Better B-Sure, Never be sorry!™

Single 'T' with Door



Nominal Dia	W	L	H	B	C	E Min	Approx Weight (gms)	
							Plain	With Door
75	172	144	184	51	90	3.2	260	312
110	220	194	248	69	126	3.2	485	580

Double Tee with Door



Nominal Dia	L	H	W	B	C	E Min	Approx Weight (gms)	
							Plain	With Door
75	200	185	130	51	90	3.2	306	392
110	260	248	172	69	126	3.2	567	720

Single 'Y' with Door



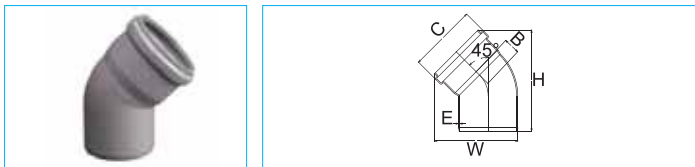
Nominal Dia	H	C	B	L	W	E Min	Approx Weight (gms)	
							Plain	With Door
75	211	90	98	175	214	3.2	304	374
110	289	126	140	244	280	3.2	580	686

Double 'Y' with Door



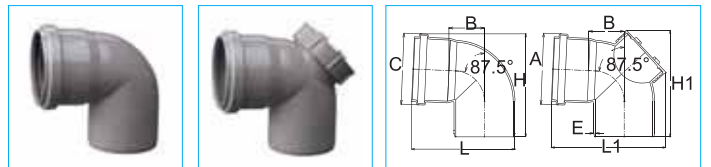
Nominal Dia	H	L	B	W	C	E Min	Approx Weight (gms)	
							Plain	With Door
75	213	262	98	130	90	3.2	390	469
110	289	363	140	172	126	3.2	760	908

45° Bend



Nominal Dia	C	B	W	H	E Min	Approx Weight (gms)	
						Plain	
75	90	27	110	146	3.2	141	
110	126	34	155	194	3.2	269	

87.5° Bend with Door



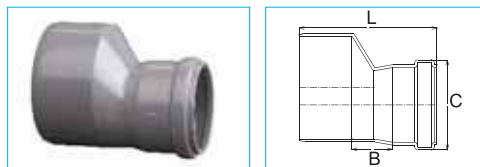
Nominal Dia	B	C	L	L1	H	H1	E Min	Approx Weight (gms)	
								Plain	With Door
75	47	90	134	152	134	143	3.2	171	227
110	64	126	183	202	185	197	3.2	336	435

Cleansing Pipe



Nominal Dia	H	B	C	E Min	Approx Weight (gms)
75	184	120	90	3.2	259
110	248	154	126	3.2	501

Reducer



Nominal Dia	B	L	C	Approx Weight (gms)
110X75	37	137	90	192

Rubber Seal Ring

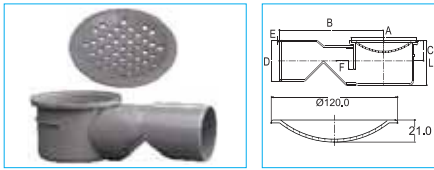


Nominal Dia	A	B	L
75	85	71	10
110	122	106	10



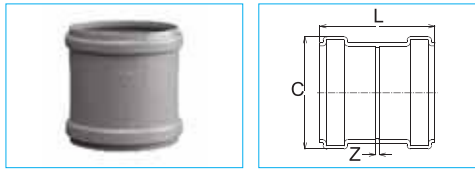
Better B-Sure, Never be sorry!

Nahani Trap, Nahani Trap Jali



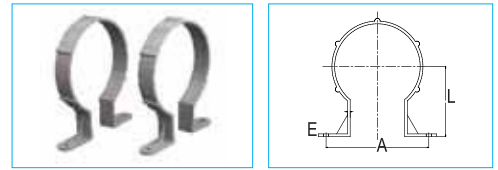
Nominal Dia	L	A	D	E	B	C	F	Approx Weight (gms)
110x75	83	120	75	2.5	193	37	16	344

Coupler



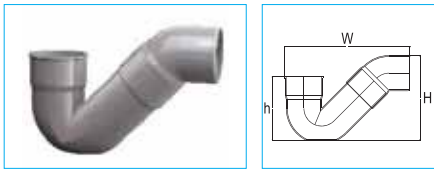
Nominal Dia	C	L	Z	Approx Weight (gms)
75	90	97	3	112
110	126	124	3	195

Pipe Clip



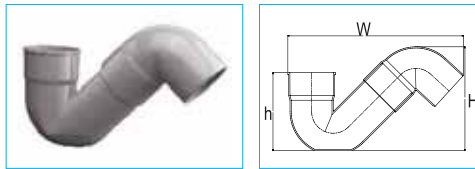
Nominal Dia	L	A	E	Approx Weight (gms)
75	69	94	3.5	38
110	90	132	3.5	54

P-Trap



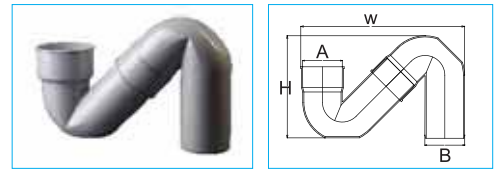
Nominal Dia	H	W	h	Approx Weight (gms)
125X 110	264	398	205	954
110X110	264	390	198	910

Q-Trap



Nominal Dia	H	W	h	Approx Weight (gms)
125X 110	264	454	205	1021
110X110	264	446	198	977

S-Trap



Nominal Dia	A	B	H	W	Approx weight(gm)
110x110	110	110	281	450	1240
125X110	125	110	281	460	1290

Multi Floor Trap



Nominal Size	L	A	D	D1	C	C1	E	B	X	Y	F	Approx Weight (gms)
110	94	110	75	50	47.5	34	3.2	80	194	182	39	345

Vent Cowl



Nominal Size	A	H	B	Approx Weight (gms)
75	75	73	23	42
110	110	92	26	73

Lip Ring for P/Q/S Trap



Nominal Dia	A	B	C	T	L
110	120	93	87	10	55
125	132	105	96	10	53

WC Connector Ring for P/Q/S Trap



Nominal Dia	A	B	L
110	126	85	38
125	142	95	40

Rubber Ring for WC Connector & Bend



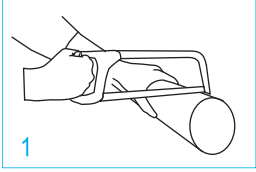
Nominal Dia	A	B	L
110	120	85	30



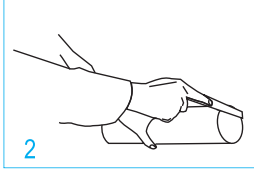
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Installation Procedures

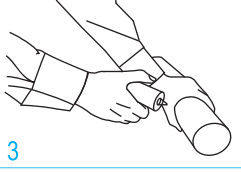
Rubber Ring Joints :



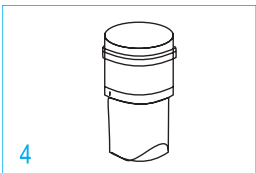
1
Cut pipe square to the required length.



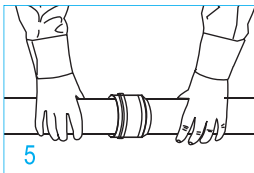
2
Chamfer the edge of the pipe. Remove all burrs, dust and dirt.



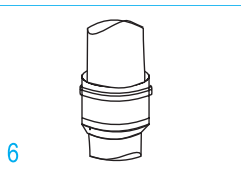
3
Apply lubricant on the external surface of the pipe and on the elastomeric ring.



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.

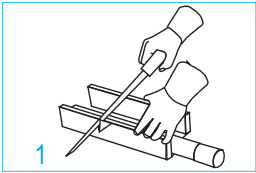
While Installation of B-SURE SWR System ensure :

- To cut the SWR pipe straight.
- To properly place the elastomeric ring in its groove.
- To avoid over tightening of door cap.
- To use pipe clips at proper spacing to align the pipe stack properly.
- Appropriate water seal traps are used where ever necessary before connecting it to the main stack.
- To use Perma-Fix solvent cement for socketed joints.

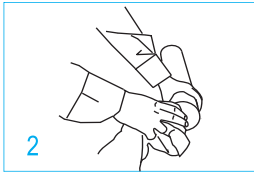


Pipe assembly with cleansing pipe and clip.

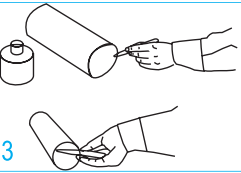
Solvent Welded Joint :



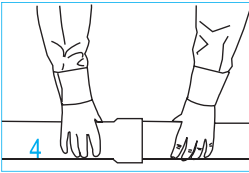
1
Cut pipe square to the required length.



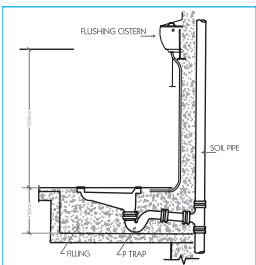
2
All burrs and grease, if any, from the internal and external surfaces should be removed.



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



4
Insert the pipe end into socket end & push it fully in.



- 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.



Better B-Sure, Never be sorry!™



Jain Irrigation Systems Ltd.

Small Ideas. Big Revolutions.®



TUVNORD TUVNORD
Quality way of life

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www.jains.com

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The Company



Jain Irrigation Systems Ltd is a diversified entity with turnover in excess of 1800 crores. We have a Pan-India 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 the second largest micro irrigation company in the world Also, we are premium thermoplastic piping company of India Our businesses include Complete range of Micro Irrigation System and Components, PVC and PE piping systems, PVC and Polycarbonate Sheets, Solar Water Heaters and Solar Lighting ,Fruit & Vegetable processing etc.

We have the distinction of being the largest processor of Thermoplastics in India. We annually process 200,000 MT of various polymers. We extrude and injection mold PVC, PE, PP along with engineering polymers like Polycarbonate, Polyamide, PBT, ABS etc in our ISO 9001 & ISO 14001 certified manufacturing facilities.

We have a enviable track record as a 'Total Solution Provider' for various Piping Systems such as for Agriculture, Water , Gas, Telecom, Utility, Sewerage, Chemicals, Municipal, Industrial Effluents, Mining, Slurry, Coal ash, SWR, Sub soil drainage, Groundwater tapping, Lift irrigation, Micro Irrigation and Sprinkler Irrigation, Hand pumps, House Service Connections etc.

Our unflinching efforts in pursuit of excellence appropriately blended with ongoing Research and Development efforts have earned the Company 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 stretching plastics so much, so far and so well under one roof !



Better B-Sure, Never be sorry!™



Authorised Dealer:



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