



Price list : 0822

Plumbing Toll Free No: 1800 599 2000

plumbing@jains.com www.jains.com

 [@Jain Plumbing](https://twitter.com/Jain_Plumbing)



The Corporation

There is more to Jain Irrigation than irrigation

Global Presence: Jain Irrigation Systems Ltd., (JISL) derives its name from the pioneering work it has done in the Micro Irrigation Industry in India. After ushering in the second Green Revolution in India, JISL diversified in manufacturing products of conservation of Water, Environment and Energy with a Pan-India & Global presence with 33 manufacturing bases spread over four continents. JAIN products are made available over 126+ Countries with a strong network of more than 11,000+ Distributors and Dealers worldwide achieving a total Turn Over of \$1.2 Billion. With over 5 decades of efforts and presence in the marketplace we have reached over 8.5 million farmers.

Micro Irrigation: The Corporation has pioneered and raised a new Micro Irrigation industry in India and thereby helped harbinger a Second Green Revolution. The Micro-Irrigation Division manufactures a full range of precision-irrigation products and provides services from soil/topographical survey, engineering design, supply, installation and commissioning with agronomic support for millions of farmers worldwide. JISL is the only company in the world which has the largest basket of product and system solutions that can suit any climatic/topographical/crop conditions. The division's pool of over 1500 agronomists, irrigation engineers and technicians are well equipped to support the farmer customers across the globe. JISL nurtures a sprawling 2300 acre Hi-Tech Agriculture-Demo farm and a training Institute.

Plastic Piping: Presently, JISL is the largest producer in Asia of PVC and PE piping systems for all conceivable applications with pipes ranging from as small as 3 mm to 2500 mm in diameter and in pressure ratings ranging from 1.00 kgf/cm² to 25 kgf/cm². JISL has a production capacity of over 5,00,000 tonnes per annum or 8000 km/day of plastic pipes. The Piping Division includes a variety of PVC and PE Fittings catering to irrigation needs of the farmers apart from the urban and rural infrastructure needs. The pipes are manufactured conforming to Customised specifications of Consultants & End Users.

Biotechnology: The Tissue Culture Division produces Banana, Pomegranate, Strawberry, Guava, Coffee, Sugarcane plantlets and has established vast primary and secondary hardening facilities and R&D labs.

Green Energy: JISL Pioneered Solar water pumping systems in the country. Jain Solar water pumping system is a standalone systems operating on power generated by Solar Photovoltaic panels which are also manufactured in house state-of-the-art facility. JISL has installed more than 20000 Solar Pumps. All these products are in harmony with the group's mission, "Leave This World Better Than You Found It".

Jain Green Energy division also offers Solar Thermal Water Heating Systems, Solar Photovoltaic, Bio-Gas and Bio-Energy as alternate energy solutions.

Food Processing: Jain Farm Fresh Division processes tropical fruits such as Mango, Banana, Guava, Pomegranate into Purees, Concentrates & Juices. The company also has a Dehydration facility which dehydrates Onions & Vegetables. The Company has also launched a range of fruit pulp based retail FMCG Products under the brand of "Jain Farm Fresh". Agricultural and Fruit processing wastes from these processing plants are converted to Bio-Energy to partially run the plants. The residue, after the bio-energy generation, is used as an Organic Manure.

Turn-key Projects: JISL undertakes Integrated Agricultural Development Projects on Turn-Key basis from Concept to Commissioning with value added services. JISL offers cost effective, down-to-earth solutions for complex challenges backed by our core strength of global knowledge and experience combined with local manpower which is an ideal combination of technology, intelligence and common sense. Whatever be the nature of the project requirement, JISL can assure Total Turn-Key solutions and maximum value for the farmers. It can also undertake Watershed or Wasteland development projects. Such projects normally begins

with selection of site, survey of the command area, identification of appropriate crops, designing of the suitable irrigation systems, determination of agronomic practices, use of other hi-tech agro inputs, providing on-going technical services & training and pre & post harvesting techniques, provide not only assistance but also training for operation and maintenance of the systems. JISL has successfully executed large scale turn-key irrigation projects from conception to completion not only in India but also overseas.

Jain Irrigation offers following turn-key Solutions:

- Integrated irrigation solutions
- Integrated agricultural development projects
- Reuse of waste water for agriculture
- Dust suppression
- Lift & Gravity water pipelines
- 24x7 Water Supply
- High-tech Urban Utilities Solutions
- Effluent conveyance & disposal systems
- Gas distribution System
- Industrial fluid conveying systems, sewerage lines etc.
- Marine On-shore & Off-shore piping
- Relining and rehabilitation of existing pipelines
- Plumbing Systems
- Solar pumping systems
- Solar water heating projects

In a nutshell, the JISL is the only 'one-stop shop' encompassing manufacturing and marketing of hi-tech agricultural solutions/systems and piping services as well as processing of agri produce. No wonder, JISL has distinguished itself as a leader in the domestic as well as global markets. The JISL's product range improves productivity and adds value to the agri-sector. Conservation of scarce Natural resources, protection and improvement of the environment emerge as a blessed outcome. The reward has been over millions of smiling farmers and Innumerable customers spread in more than 116 Countries.

Sustainability: Every business of JISL, ensures to create shared value, nurtures the environment and contributes significantly to the Water, Food and Energy security of the World.

Onion Contract Farming And Jain Gap: Jain Farm Fresh Foods Ltd. is one of the largest processors of vegetables in the world, processing 140,000 metric tons of onion and other vegetables per annum. The company procures onions for its onion dehydration facility directly from over 6,000 contract farmer suppliers.

Approximately 90% of JIFFFL's onion contract farming is through small holder farmers, with an average farm size of less than 2 hectares. A team of 70 "gram sevaks" (agronomy support team) stay in villages and support onion cultivators on seed sowing, fertigation, good agriculture practices (GAP) implementation and harvesting practices. JAIN GAP farm-level quality standard has also been implemented for contract farmers in different states of India from whom JIFFFL procures for processing purpose.

Impact

- Water consumption reduced to 40% per hectare.
- Farmers' income increased to more than 30%.
- On an average 30% increase in yield in was recorded.
- Complete traceability of batches of onions in case of any issue.
- Reduction in risks associated with the use of agrochemicals.
- Provides safety, hygiene and sanitation.

INDEX

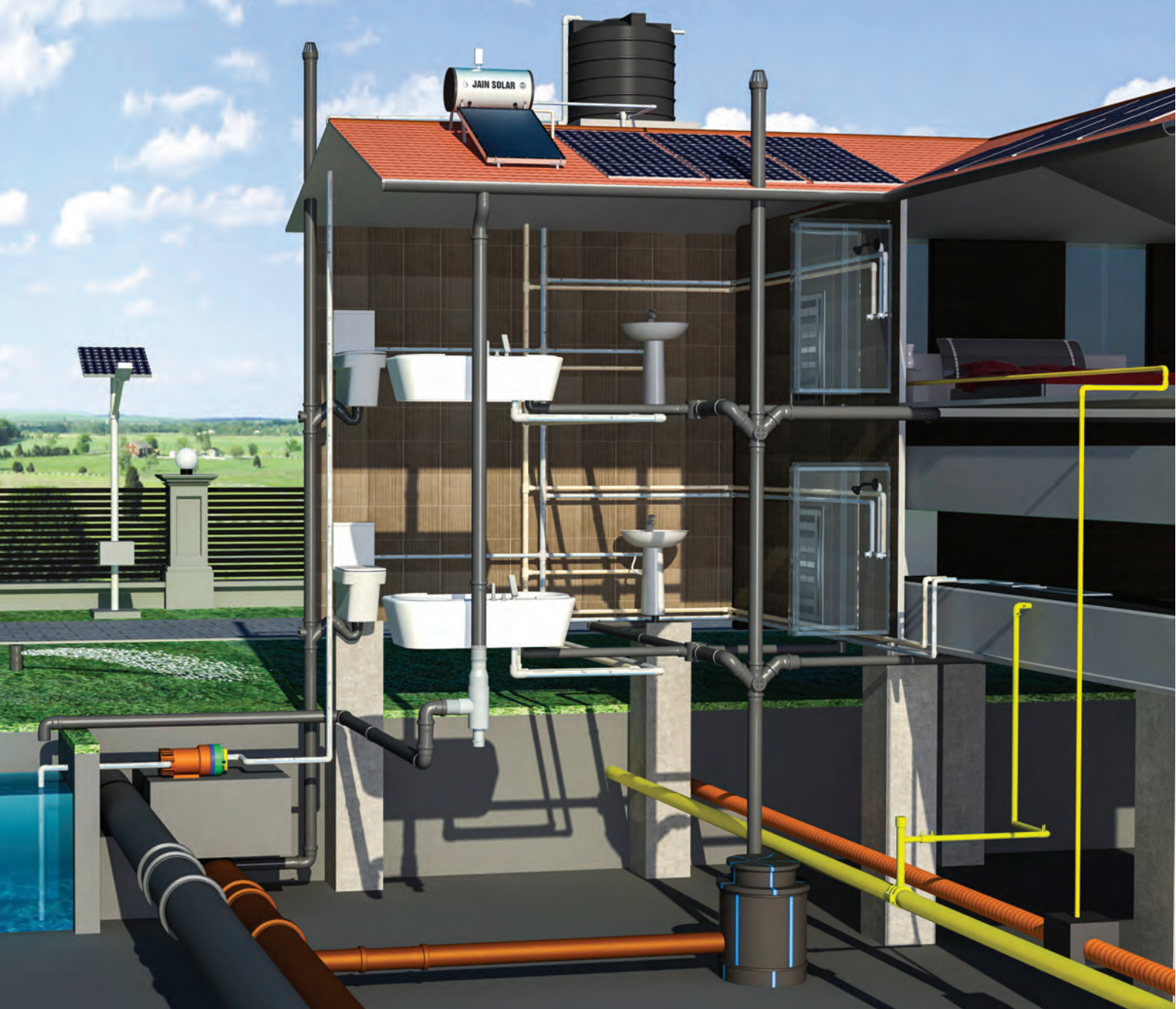
1)	CPVC PIPING SYSTEM	5
2)	CPVC PIPES & FITTINGS	7
3)	uPVC ASTM PLUMBING PIPING SYSTEM	12
4)	uPVC ASTM PIPES & FITTINGS	14
5)	uPVC RECLAIM WATER PIPING SYSTEM	20
6)	uPVC PLUMBING PIPING SYSTEM	22
7)	uPVC PLUMB PIPES	24
8)	uPVC PLUMB FITTINGS - HD	25
9)	uPVC PLUMB FITTINGS - LW	26
10)	uPVC SWR PIPING SYSTEM	27
11)	uPVC SWR PIPES	29
12)	uPVC SWR FITTINGS	31
13)	uPVC PRESSURE FITTINGS	36
14)	uPVC UDS PIPING SYSTEM	37
15)	uPVC UDS PIPES	39
16)	PERMA - FIX - SOLVENT CEMENT	40
17)	JAIN FILTRAIN	41
18)	STANDARDS & CERTIFICATIONS	49

© Copyright: This Price List has been prepared for providing information about Jain Irrigation Systems Ltd. Jalgaon, India, to the present/ prospective customer. This Price List material contains proprietary and confidential information about the company. It should not be used for any purpose, other than the purpose specified here.

No part of this information should be disclosed, reprocessed, copied or stored in any manner without the prior consent, in writing, from the company.

The actual use of the products by the purchaser / customer is beyond the control of JISL and JISL can not be held responsible for any loss and/or any consequential liability arising out of incorrect or faulty or mis-use of the products.

Comprehensive Range of Piping Systems for Building & Construction



**WITH OVER 40 YEARS OF EXPERIENCE INDIA'S LEADING PLASTIC PROCESSOR;
CPVC PIPES AND FITTINGS SYSTEM FOR HOT & COLD WATER PLUMBING**



Double Line & Drop Marking for SDR 13.5 and Sch 80



Single Line & Drop Marking for SDR 11 and Sch 40

Super CPVC



Jain Irrigation Systems Limited (JISL), has an unmatched and enviable performance track record as a **Total Solution Provider** for various thermoplastics piping systems such as for Agriculture, Water, Gas, Telecom, Utility, Sewerage, Chemicals, Industrial Effluents, Mining, Slurry, Coal ash, SWR, Sub soil drainage, Ground water tapping, Lift Irrigation, Micro Irrigation & Sprinkler Irrigation, Hand pumps, House service connections etc. Jain Irrigation Systems Ltd is a diversified entity with turnover in excess of \$ 1.2 Billion. We have a global presence with 33 manufacturing bases spread over four continents. Our products are supplied to 126+ countries with able assistance from 11,000+ dealers and distributors worldwide. With over 5 decades of efforts and presence in the marketplace we have reached over 8.5 million farmers.

JISL from its noble range brings to you JAIN PLUMBING CPVC Pipe and Fitting systems for all your Domestic Hot and Cold water plumbing requirements. Jain Plumbing's Solvent welded high quality CPVC Pipe & Fitting Systems are manufactured in line with major national and international standards and parameters. The main intent and efforts is to provide you with high quality and sustainable plumbing solutions for a long and healthy life.

Product Range

• Pipes: 15 NB (½") to 150 NB (6") • Fittings: 15 NB (½") to 100 NB (4")

Property	Test Method	Value	Unit
CPVC Compound Cell Classification	IS 15225	D.P.110-2-3-2	
Chlorine Content(Base CPVC Resin)	IS 15778	≥ 66.5 %	
Specific Gravity	IS 13360(Part 3/Sec 1)	Minimum 1.45	
VST	IS 12235 (Part 2)	≥ 110°	°C
Thermal Conductivity (K)	ASTM C177	0.16	W/(m·K)
Malfunctioning Test Temperature at 10 bar for 1000 Hrs.	IS 15778	95± 2	°C
Tensile Strength Yield at 27 ± 2°C	IS 12235 (Part 13)	500	Kg/cm ²
Modulus of elasticity in tension	DIN 53455	2000 - 2500	Mpa
Impact Strength	ISO 178	Maximum 10%	TIR
Charpy Notched Impact Strength	ISO 179	> 4	KJ/M ²
Transmission Of Visible Light	IS 12235 (Part 3)	< 0.2%	
Burning Rate	ASTM D635	Self-Extinguishing	
Flammability Rating	UL 94	94 V-0	
Coefficient of Thermal Expansion	ASTM D 696	3.4 x10 ⁻⁵	mm/mm°F

*For Size upto 2"(50mm NB)

For Pipes 15mm to 50mm as per IS 15778

Pipe & Fittings Classification	Operating Temperature	Operating Pressure
SDR 11	27°C	27.6 kg/cm ²
	82°C	6.8 kg/cm ²
SDR 13.5	27°C	21.8 Kg/cm ²
	82°C	5.5 kg/cm ²

For Pipes 65mm to 150mm as per ASTM F 441

Nominal Size	Recommended Working Pressure (Kg/cm ²)			
	Operating Temperature 27° c (80.6° F)		Operating Temperature 82° c (179.6° F)	
	SCH 40	SCH 80	SCH 40	SCH 80
2½"	21.10	29.57	5.30	7.34
3"	18.25	26.00	4.58	6.32
4"	15.49	22.53	3.87	5.60
6"	12.64	19.68	3.16	4.89

Salient Features-



CPVC pipe and fittings range

Pipe & Fittings Classification	As per Standard Specification	Size Range (in inches)
SDR 11 CPVC Pipes	BIS 15778 ASTM D 2846	(15 to 50mm)
SDR 13.5 CPVC Pipes	BIS 15778, ASTM D 2846	(15 to 50mm)
SDR 11 Fittings	ASTM D 2846	(15 to 50mm)
SCH 40 & 80 C-PVC Pipes	ASTM F 441	(65 to 150mm)
SCH 80 CPVC Fittings	ASTM F 439	(65 to 100mm)

Note: Complete range of Pipes & Fittings available.

CPVC PIPES & FITTINGS



Jains special drop & single line marking



CPVC PIPES SDR 11

Price in ₹ per MTR

Size		Item Code	Item Description	Price	Packing / Bag
Inch	mm				
1/2	15	PCPL015110IWP00300	cPVC 1/2" SDR 11 LENGTH 3 MTR	71.30	100
		PCPL016110IWP00500	cPVC 1/2" SDR 11 LENGTH 5 MTR		
3/4	20	PCPL022110IWP00300	cPVC 3/4" SDR 11 LENGTH 3 MTR	111.70	50
		PCPL022110IWP00500	cPVC 3/4" SDR 11 LENGTH 5 MTR		
1	25	PCPL029110IWP00300	cPVC 1" SDR 11 LENGTH 3 MTR	186.15	30
		PCPL029110IWP00500	cPVC 1" SDR 11 LENGTH 5 MTR		
1¼	32	PCPL035110IWP00300	cPVC 1¼" SDR 11 LENGTH 3 MTR	278.70	20
		PCPL035110IWP00500	cPVC 1¼" SDR 11 LENGTH 5 MTR		
1½	40	PCPL041110IWP00300	cPVC 1½" SDR 11 LENGTH 3 MTR	394.70	15
		PCPL041110IWP00500	cPVC 1½" SDR 11 LENGTH 5 MTR		
2	50	PCPL054110IWP00300	cPVC 2" SDR 11 LENGTH 3 MTR	657.75	8
		PCPL054110IWP00500	cPVC 2" SDR 11 LENGTH 5 MTR		

Jains special Drop & double line marking







CPVC PIPES SDR 13.5




Price in ₹ per MTR

1/2	15	PCPL016135IWP00300	cPVC 1/2" SDR 13.5 LENGTH 3 MTR	62.65	100
		PCPL016135IWP00500	cPVC 1/2" SDR 13.5 LENGTH 5 MTR		
3/4	20	PCPL022135IWP00300	cPVC 3/4" SDR 13.5 LENGTH 3 MTR	102.65	50
		PCPL022135IWP00500	cPVC 3/4" SDR 13.5 LENGTH 5 MTR		
1	25	PCPL029135IWP00300	cPVC 1" SDR 13.5 LENGTH 3 MTR	153.70	30
		PCPL029135IWP00500	cPVC 1" SDR 13.5 LENGTH 5 MTR		
1¼	32	PCPL035135IWP00300	cPVC 1¼" SDR 13.5 LENGTH 3 MTR	234.05	20
		PCPL035135IWP00500	cPVC 1¼" SDR 13.5 LENGTH 5 MTR		
1½	40	PCPL041135IWP00300	cPVC 1½" SDR 13.5 LENGTH 3 MTR	326.60	15
		PCPL041135IWP00500	cPVC 1½" SDR 13.5 LENGTH 5 MTR		
2	50	PCPL054135IWP00300	cPVC 2" SDR 13.5 LENGTH 3 MTR	551.05	8
		PCPL054135IWP00500	cPVC 2" SDR 13.5 LENGTH 5 MTR		





cPVC FITTINGS SDR 11





Price in ₹ per piece

Item Code	Item Description	Price/ Piece	Packing stock bag	Packing / Box
ELBOW 45°				
				
CPVCE45012SJ	cPVC Elbow 1/2"x 45°	12.65	100	1000
CPVCE45034SJ	cPVC Elbow 3/4"x 45°	21.95	100	400
CPVCE45100SJ	cPVC Elbow 1"x 45°	38.45	50	200
CPVCE45114SJ	cPVC Elbow 1¼"x 45°	73.10	22	110
CPVCE45112SJ	cPVC Elbow 1½"x 45°	112.65	11	66
CPVCE45200SJ	cPVC Elbow 2"x 45°	233.60	6	30
ELBOW 90°				
				
CPVCE90012SJ	cPVC Elbow 1/2"x 90°	11.20	70	700
CPVCE90034SJ	cPVC Elbow 3/4"x 90°	17.15	30	300
CPVCE90100SJ	cPVC Elbow 1"x 90°	31.35	40	160
CPVCE90114SJ	cPVC Elbow 1¼"x 90°	57.20	15	90
CPVCE90112SJ	cPVC Elbow 1½"x 90°	108.30	10	50
CPVCE90200SJ	cPVC Elbow 2"x 90°	224.25	5	20
CPVCRE034012SJ	cPVC Reducing Elbow 3/4X 1/2"	20.90	100	400
ELBOW BRASS INSERT				
				
CPVCE90D012B	cPVC Elbow 1/2" Brass Thread	75.50	36	360
CPVCE90D034B	cPVC Elbow 3/4" Brass Thread	107.45	25	250
CPVCE90D100B	cPVC Elbow 1" Brass Thread	175.55	30	150
CPVCRE034012B	cPVC Reducing Elbow 3/4"x1/2" Brass Thread	75.55	25	250
CPVCRE100012B	cPVC Reducing Elbow 1"x1/2" Brass Thread	107.45	18	180
TEE BRASS INSERT				
				
CPVCET012B	cPVC Tee 15mm (1/2") Brass-Thread	83.00	30	300
CPVCET034B	cPVC Tee 20mm, (¾") Brass-Thread	122.35	20	160




Item Code	Item Description	Price/ Piece	Packing stock bag	Packing / Box
CPVCRT034012B	cPVC Reducing Tee 3/4"x1/2" Brass Threaded	94.70	18	180
CPVCRT100012B	cPVC Reducing Tee 1"x1/2" Brass Threaded	114.85	10	100
EQUAL TEE				
				
CPVCET012SJ	cPVC Tee (Equal) 1/2"	14.85	50	500
CPVCET034SJ	cPVC Tee (Equal) 3/4"	24.75	50	200
CPVCET100SJ	cPVC Tee (Equal) 1"	38.45	25	100
CPVCET114SJ	cPVC Tee (Equal) 1¼"	73.10	6	72
CPVCET112SJ	cPVC Tee (Equal) 1½"	131.90	9	36
CPVCET200SJ	cPVC Tee (Equal) 2"	281.45	1	20
REDUCING TEE				
				
CPVCRT034012SJ	cPVC Reducing Tee 3/4"x1/2"	33.50	30	300
CPVCRT100012SJ	cPVC Reducing Tee 1"x1/2"	53.90	45	180
CPVCRT100034SJ	cPVC Reducing Tee 1"x3/4"	60.50	35	140
CPVCRT112100SJ	cPVC Reducing Tee 1½"x1"	154.45	10	50
CPVCRT112114SJ	cPVC Reducing Tee 1½"x1¼"	150.60	10	50
CPVCRT112012SJ	cPVC Reducing Tee 1½"x1/2"	156.65	10	70
CPVCRT112034SJ	cPVC Reducing Tee 1½"x3/4"	155.55	10	60
CPVCRT114100SJ	cPVC Reducing Tee 1¼"x1"	94.50	18	72
CPVCRT114012SJ	cPVC Reducing Tee 1¼"x1/2"	96.75	22	110
CPVCRT114034SJ	cPVC Reducing Tee 1¼"x3/4"	113.80	22	88
CPVCRT200100SJ	cPVC Reducing Tee 2"x1"	289.70	3	27
CPVCRT200112SJ	cPVC Reducing Tee 2"x1½"	295.15	1	24
CPVCRT200114SJ	cPVC Reducing Tee 2"x1¼"	318.25	4	28
CPVCRT200034SJ	cPVC Reducing Tee 2"x3/4"	299.55	2	32
REDUCING SOCKET / COUPLER				
				
CPVRCRC034012SJ	cPVC Reducing Socket 3/4"X1/2"	14.85	75	750
CPVRCRC100012SJ	cPVC Reducing Socket 1"X1/2"	22.55	100	400
CPVRCRC100034SJ	cPVC Reducing Socket 1"X3/4"	24.20	70	350
CPVRCRC114100SJ	cPVC Reducing Socket 1¼"X1"	53.90	30	270
CPVRCRC112100SJ	cPVC Reducing Socket 1½"X1"	78.05	25	200
CPVRCRC112114SJ	cPVC Reducing Socket 1½"X1¼"	74.20	25	100
CPVRCRC112012SJ	cPVC Reducing Socket 1½"X1/2"	77.50	25	200
CPVRCRC112034SJ	cPVC Reducing Socket 1½"x3/4"	85.20	25	200
CPVRCRC114012SJ	cPVC Reducing Socket 1¼"x1/2"	52.75	36	324
CPVRCRC114034SJ	cPVC Reducing Socket 1¼"x3/4"	49.45	36	324






Price in ₹ per piece

Item Code	Item Description	Price/ Piece	Packing stock bag	Packing / Box
CPVCRC200100SJ	cPVC Reducing Socket 2"x1"	131.90	16	80
CPVCRC200112SJ	cPVC Reducing Socket 2"x1½"	180.25	12	72
CPVCRC200114SJ	cPVC Reducing Socket 2"x1¼"	144.55	12	72
CPVCRC200034SJ	cPVC Reducing Socket 2"x3/4"	180.85	16	80
COUPLER				
				
CPVCC012SJ	cPVC Coupler (Socket) 1/2"	8.25	110	1100
CPVCC034SJ	cPVC Coupler (Socket) 3/4"	12.05	50	500
CPVCC100SJ	cPVC Coupler (Socket) 1"	20.30	50	250
CPVCC114SJ	cPVC Coupler (Socket) 1¼"	34.65	30	150
CPVCC112SJ	cPVC Coupler (Socket) 1½"	64.85	20	80
CPVCC200SJ	cPVC Coupler (Socket) 2"	135.20	8	48
CROSS TEE				
				
CPVCRT012	cPVC Cross Tee 1/2"	21.45	75	300
CPVCRT034	cPVC Cross Tee 3/4"	45.65	40	160
CPVCRT100	cPVC Cross Tee 1"	77.50	18	72
CPVCRT114	cPVC Cross Tee 1.1/4"	124.80	12	48
CPVCRT112	cPVC Cross Tee 1.1/2"	203.35	7	28
CPVCRT200	cPVC Cross Tee 2"	427.60	2	14
UNION				
				
CPVCU012	cPVC Union 1/2"	37.95	33	330
CPVCU034	cPVC Union 3/4"	68.70	30	120
CPVCU100	cPVC Union 1"	101.70	20	80
CPVCU114	cPVC Union 1.1/4"	119.85	15	60
CPVCU112	cPVC Union 1.1/2"	199.50	9	36
CPVCU200	cPVC Union 2"	358.35	6	24
MALE THREADED ADAPTOR				
				
CPVCMTA012SJ	cPVC MTA 1/2"	10.45	80	800
CPVCMTA034SJ	cPVC MTA 3/4"	17.60	125	500
CPVCMTA100SJ	cPVC MTA 1"	26.40	65	260
CPVCMTA114SJ	cPVC MTA 1¼"	39.55	35	140

Item Code	Item Description	Price/ Piece	Packing stock bag	Packing / Box
CPVCMTA112SJ	cPVC MTA 1½"	58.85	20	100
CPVCMTA200SJ	cPVC MTA 2"	113.25	10	50
CPVCRMTA034012SJ	cPVC Reducing MTA 3/4"x1/2"	20.30	125	500
FEMALE THREADED ADAPTOR				
				
CPVCFTA012SJ	cPVC FTA 1/2"	13.70	60	600
CPVCFTA034SJ	cPVC FTA 3/4"	23.60	35	350
CPVCFTA100SJ	cPVC FTA 1"	34.10	40	160
CPVCFTA114SJ	cPVC FTA 1¼"	78.05	25	100
CPVCFTA112SJ	cPVC FTA 1½"	102.75	16	64
CPVCFTA200SJ	cPVC FTA 2"	161.60	6	36
END CAP				
				
CPVCECP012SJ	cPVC End Cap 1/2"	6.30	200	2000
CPVCECP034SJ	cPVC End Cap 3/4"	10.45	90	900
CPVCECP100SJ	cPVC End Cap 1"	16.50	80	480
CPVCECP114SJ	cPVC End Cap 1¼"	30.20	60	240
CPVCECP112SJ	cPVC End Cap 1½"	45.05	40	160
CPVCECP200SJ	cPVC End Cap 2"	95.65	12	72
MALE THREADED ADAPTOR - BRASS INSERT				
				
CPVCMTA012BHD	cPVC MTA 1/2" Brass Threaded	140.45	40	400
CPVCMTA034BHD	cPVC MTA 3/4" Brass Threaded	180.85	25	250
CPVCMTA100BHD	cPVC MTA 1" Brass Threaded	317.00	12	120
CPVCMTA114BHD	cPVC MTA 1¼" Brass Threaded	665.55	6	60
CPVCMTA112BHD	cPVC MTA 1½" Brass Threaded	797.85	5	50
CPVCMTA200BHD	cPVC MTA 2" Brass Threaded	1093.25	1	30
CPVCRMTA034012B	cPVC Reducing MTA 3/4"x1/2" Brass Thread	136.45	30	300
FEMALE THREADED ADAPTOR - BRASS INSERT				
				
CPVCFTA012BHD	cPVC FTA 1/2" Brass Threaded	143.60	40	400
CPVCFTA034BHD	cPVC FTA 3/4" Brass Threaded	184.05	25	250
CPVCFTA100BHD	cPVC FTA 1" Brass Threaded	308.50	12	120
CPVCFTA114BHD	cPVC FTA 1¼" Brass Threaded	648.95	6	60
CPVCFTA112BHD	cPVC FTA 1½" Brass Threaded	743.60	5	50

Price in ₹ per piece

Item Code	Item Description	Price/ Piece	Packing stock bag	Packing / Box
CPVCFTA200BHD	cPVC FTA 2" Brass Threaded	1101.05	1	30
CPVCRFTA100012B	cPVC Reducing FTA 1"x1/2" Brass Threaded	105.30	24	240
CPVCRFTA034012B	cPVC Reducing FTA 3/4"x1/2" Brass Thread	80.85	30	300
REDUCING BUSH				
				
CPVCRB034012SJ	cPVC Reducing Bush 3/4"x1/2"	8.25	120	1200
CPVCRB100012SJ	cPVC Reducing Bush 1"x1/2"	18.15	150	600
CPVCRB100034SJ	cPVC Reducing Bush 1"x3/4"	12.65	150	600
CPVCRB114100SJ	cPVC Reducing Bush 1/4"x1"	21.45	66	330
CPVCRB112100SJ	cPVC Reducing Bush 1/2"x1"	39.55	50	200
CPVCRB112114SJ	cPVC Reducing Bush 1/2"x1 1/4"	28.05	50	200
CPVCRB112012SJ	cPVC Reducing Bush 1/2"x1/2"	53.90	50	200
CPVCRB112034SJ	cPVC Reducing Bush 1/2"x3/4"	40.10	50	200
CPVCRB114012SJ	cPVC Reducing Bush 1/4"x1/2"	34.65	60	360
CPVCRB114034SJ	cPVC Reducing Bush 1/4"x3/4"	25.25	60	360
CPVCRB200034SJ	cPVC Reducing Bush 2" X 3/4"	78.05	20	80
CPVCRB200100SJ	cPVC Reducing Bush 2" X 1"	79.15	13	104
CPVCRB200112SJ	cPVC Reducing Bush 2"x1 1/2"	69.80	20	80
CPVCRB200114SJ	cPVC Reducing Bush 2"x1 1/4"	84.10	20	80
CPVCRB200012SJ	cPVC Reducing Bush 2"x1/2"	85.20	20	80
BALL VALVE - HEAVY DUTY				
				
CPVCBV012HD	CPVC 15MM(1/2) HEAVY DUTY BALL VALVE	122.50	0	180
CPVCBV034HD	CPVC 20MM(3/4) HEAVY DUTY BALL VALVE	193.50	0	80
CPVCBV100HD	CPVC 25MM(1) HEAVY DUTY BALL VALVE	299.00	0	55
CPVCBV112HD	CPVC 40MM(1 1/2) HEAVY DUTY BALL VALVE	844.00	0	28
CPVCBV114HD	CPVC 32MM(1 1/4) HEAVY DUTY BALL VALVE	478.50	0	20
CPVCBV200HD	CPVC 50MM(2) HEAVY DUTY BALL VALVE	1386.50	0	12
CPVCBV212HD	CPVC 65MM(2 1/2) HEAVY DUTY BALL VALVE	3875	0	-
CPVCBV300HD	CPVC 80MM(3) HEAVY DUTY BALL VALVE	7199	0	-
TANK CONNECTOR				
				
CPVCTC034	cPVC Tank Connector 3/4"	58.00	30	120
CPVCTC100	cPVC Tank Connector 1"	85.65	20	80
CPVCTC114	cPVC Tank Connector 1 1/4"	119.15	11	55
CPVCTC112	cPVC Tank Connector 1 1/2"	150.00	10	40
CPVCTC200	cPVC Tank Connector 2"	236.35	6	24

Item Code	Item Description	Price/ Piece	Packing stock bag	Packing / Box
STEP OVER BEND				
				
CPVCSTOB012	cPVC Step Over Bend 1/2"	43.40	40	160
CPVCSTOB034	cPVC Step Over Bend 3/4"	68.70	20	100
CPVCSTOB100	cPVC Step Over Bend 1"	131.90	10	60
PIPE CLIP				
				
CPVGPC012	cPVC Pipe Clip 1/2"	3.30	700	2800
CPVGPC034	cPVC Pipe Clip 3/4"	4.20	500	2000
CPVGPC100	cPVC Pipe Clip 1"	4.95	325	1300
CPVGPC114	cPVC Pipe Clip 1 1/4"	7.50	180	720
CPVGPC112	cPVC Pipe Clip 1 1/2"	9.15	100	400
CPVGPC200	cPVC Pipe Clip 2"	12.50	75	300
TRANSITION BUSH				
				
CPVCTRNSBUSH012	CPVC Transition Bush 15 mm (1/2"x1/2")	7.15	250	1250
CPVCTRNSBUSH034	CPVC Transition Bush 20 mm (3/4"x3/4")	8.50	160	640
CPVCTRNSBUSH100	CPVC Transition Bush 25 mm (1"x1")	26.40	50	200
CPVCTRNSBUSH114	CPVC Transition Bush 32 mm (1 1/4"x1 1/4")	42.55	30	120
CPVCTRNSBUSH112	CPVC Transition Bush 40 mm (1 1/2"x1 1/2")	56.90	20	80
CPVCTRNSBUSH200	CPVC Transition Bush 50 mm (2"x2")	108.50	8	48
TEFLON TAPE				
				
PTT	Teflon Tape	41.60	-	100
PERMA FIX				
				
CPVCPF020ZTIN	CPVC SOLVENT CEMENT 59 ML (02 OZ)-TIN	190.00	-	
CPVCPF020ZTUBE	CPVC SOLVENT CEMENT 59 ML (02 OZ)-TUBE	190.00	-	
CPVCPF040ZTIN	CPVC SOLVENT CEMENT 118 ML (04 OZ)-TIN	265.00	-	
CPVCPF080ZTIN	CPVC SOLVENT CEMENT 237 ML (08 OZ)-TIN	455.00	-	
CPVCPF160ZTIN	CPVC SOLVENT CEMENT 473 ML (16 OZ)-TIN	840.00	-	
CPVCPF320ZTIN	CPVC SOLVENT CEMENT 946 ML (32 OZ)-TIN	1595.00	-	

Do's and Don'ts for CPVC Pipes and Fittings

Do's

- Read the manufacturer's installation instructions.
- Keep pipe and fittings in original packaging until needed.
- Thoroughly check the material received, before use for any visual defect or damage
- Use tools specifically designed for use with plastic pipe and fittings.
- Cut the pipe ends square.
- Deburr and bevel the pipe ends with a chamfering tool.
- Use the proper solvent cement and follow application instructions.
- Rotate the pipe at least ¼ turn when bottoming the pipe into the fitting.
- Avoid use of excess cement in fittings and pipe.
- Allow CPVC tube slight movement to permit thermal expansion.
- Use plastic pipe straps that fully encircle the tube.
- Use protective pipe isolators when penetrating steel studs.
- Use metallic clevis or tear drop hangers when suspending tube from anchor.
- Use compatible sleeve material and tape while using under slab.
- Securely tape the top of the sleeve to the pipe.
- Extend pipe sleeve 12" above and below the slab.
- conduct pressure test before concealing the pipe to check joint integrity
- Backfill and cover underground piping prior to spraying termiticide in concrete pour.

Don'ts

- Don't use petroleum or solvent based sealants, lubricants.
- Don't use edible oils, for a lubricant.
- Don't use solvent cement that has exceeded its shelf life or has become thick.
- Don't pressures test until the recommended joint cure times are met.
- Don't thread, groove, or drill CPVC pipe.
- Don't over tighten or lock down the systems.
- Don't install in cold weather without allowing for thermal expansion
- Don't use tube straps which tend to restrict expansion/contraction.
- Don't use wood or plastic wedges that strain the tube as it passes them.
- Don't terminate a run of tube against an immovable object .
- Don't allow heavy concentration of termiticides to come into direct contact with CPVC pipe while using under slab.
- Don't inject termiticides into the annular space between the pipe materials.
- Don't spray termiticide, when preparing a slab, without first backfill underground piping.
- Don't cut sleeve too short. Sleeve material should extend 12" above slab.
- Don't apply short cuts, while jointing.

**WITH OVER 40 YEARS OF EXPERIENCE INDIA'S LEADING PLASTIC PROCESSOR;
uPVC ASTM PIPES AND FITTINGS SYSTEM FOR COLD WATER PLUMBING**



Double Line & Drop Marking for Sch 80



Single Line & Drop Marking for Sch 40

super uPVC

Jain Irrigation Systems Limited (JISL), has an unmatched and enviable performance track record as a **Total Solution Provider** for various thermoplastics piping systems such as for Agriculture, Water, Gas, Telecom, Utility, Sewerage, Chemicals, Industrial Effluents, Mining, Slurry, Coal ash, SWR, Sub soil drainage, Ground water tapping, Lift Irrigation, Micro Irrigation & sprinkler irrigation, Hand pumps, House service connections etc.

Jain Irrigation Systems Ltd is a diversified entity with turnover in excess of \$ 1.2 Billion. We have a global presence with 33 manufacturing bases spread over four continents. Our products are supplied to 126+ countries with able assistance from 11,000+ dealers and distributors worldwide. With over 5 decades of efforts and presence in the marketplace we have reached over 8.5 million farmers

JISL from its noble range brings to you JAIN PLUMBING uPVC ASTM Pipe and Fitting systems for all your domestic and high pressure cold water plumbing requirements.

Jain Plumbing high quality uPVC ASTM Plumbing pipes and fittings are manufactured in line with major international standards and parameters. The range encompasses both Solvent Welded and Threaded piping pertaining to various applications from residential and commercial to industrial plumbing.

Product Range

• Pipes: 15 NB (½") to 300 NB (12") • Fittings: 15 NB (½") to 100 NB (4")

uPVC ASTM Pipe Properties

Sr. No	Property	Standard	Required Value	Unit
1	uPVC Compound Cell Classification	ASTM D 1784	12454	
2	Specific Gravity	ASTM D 792	1.40 – 1.46	
3	Thermal Conductivity (K)	ASTM C177	0.16	W/(m·k)
4	Sustained Pressure Test	ASTM D 1598	No Failure Should occur	
5	Hydrostatic Design Stress at 73.4°F	ASTM D 2837	2000	PSI
6	Heat Distortion Temp. At 264 PSI	ASTM D 648	158	°F
7	Tensile Strength Yield at 23 ± 2°	ASTM D 638	7000	PSI
8	Modulus of elasticity in tension	ASTM D 638	400000	PSI
9	Izod Impact Strength	ASTM D 256	> 0.65	FLib/in. of notch
10	Burning Rate	ASTM D635	Self-Extinguishing	
11	Flammability Rating	UL 94	94 V-0	
12	Coefficient Of Thermal Expansion	ASTM D 696	5.0 X 10-5	mm/mm°C
13	Resistance to Acetone (Extrusion Quality Test)	ASTM D 2152	Shall not flake or disintegrate	
14	Flattening test	ASTM D 1785	Shall not split, crack or break	
15	Hazen Williams Coefficient		150	
16	VST	IS 12235 (Part 2)	78 - 80	°C
17	Impact Strength	IS 12235 (Part 9)	Maximum 10%	TIR
18	Transmission Of Visible Light	IS 12235 (Part 3)	< 0.2%	
19	Longitudinal Reversion	IS12235 (Part 5)	+/- 5.0 %	
20	Resistance to Dichloromethane	IS 12235 (Part 11)	Shall not attack	

ASTM pipe wall thickness chart

Sr. No	Nominal Pipe Size (Inch)	Pipe Outside Diameter (avg) (MM)	Pipe Minimum Wall Thickness (MM)		
			Sch 40	Sch80	Sch 120
1	½"	21.34	2.77	3.73	4.32
2	¾"	26.67	2.87	3.91	4.32
3	1"	33.4	3.38	4.55	5.08
4	1 ¼"	42.16	3.56	4.85	5.46
5	1 ½"	48.26	3.68	5.08	5.72
6	2"	60.32	3.91	5.54	6.35
7	2½"	73.02	5.16	7.01	7.62
8	3"	88.90	5.49	7.62	8.89
9	4"	114.30	6.02	8.56	11.10
10	5"	141.30	6.55	9.52	12.70
11	6"	168.28	7.11	10.97	14.27
12	8"	219.08	8.18	12.70	18.24
13	10"	273.05	9.27	15.06	21.41
14	12"	323.85	10.31	17.45	25.40

Water pressure rating for ASTM plain pipes at 23°C (ASTM D 1785)

Size Inch	Pressure Rating					
	Sch 40		Sch 80		Sch 120	
	PSI	Kg/cm ²	PSI	Kg/cm ²	PSI	Kg/cm ²
1/2"	600	42.02	850	59.52	1010	70.73
3/4"	480	33.61	690	48.32	770	53.92
1"	450	31.51	630	44.12	720	50.42
1 1/4"	370	25.91	520	36.41	600	42.02
1 1/2"	330	23.11	470	32.91	540	37.82
2"	280	19.61	400	28.01	470	32.91
2 1/2"	300	21.01	420	29.41	470	32.91
3"	260	18.21	370	25.91	440	30.81
4"	220	15.41	320	22.41	430	30.11
5"	190	13.31	290	20.31	400	28.01
6"	180	12.61	280	19.61	370	25.91
8"	160	11.20	250	17.51	380	26.61
10"	140	9.80	230	16.11	370	25.91
12"	130	9.10	230	16.11	340	23.81

NOTE : FITTINGS ARE AVAILABLE IN SCHEDULE 80.

Salient Features -



For Cold Water



Easy to install



Durability 50+ years



Economical



Safe for drinking water



Corrosion Resistant



No Electrical tools required



Lower bacterial growth



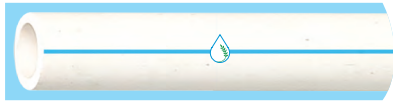
Always use

Jain's Perma-Fix - UPVC

Solvent Cement for better Bonding Performance.

uPVC ASTM PIPES & FITTINGS

Jains Special Drop & Single Line Marking



For SCH - 40

Jains Special Drop & Double Line Marking



For SCH - 80

uPVC ASTM Plain Pipe (3Mtr)

**ASTM
D 1785**

Price in ₹ per MTR

ID (Inch)	O D (mm)	Item code	Sch - 40		Item code	Sch - 80		PACKING / BUNDLE 3 Mtr
			W.T (mm)	Price		W.T (mm)	Price	
1/2	21.24	PTAS021040AWP00300	2.8	90.50	PTAS021080AWP00300	3.8	114.05	50 No
3/4	26.57	PTAS026040AWP00300	2.9	121.30	PTAS026080AWP00300	3.9	155.75	40 No
1	33.27	PTAS033040AWP00300	3.4	176.55	PTAS033080AWP00300	4.6	226.35	25 No
1¼	42.03	PTAS042040AWP00300	3.6	244.50	PTAS042080AWP00300	4.9	317.80	15 No
1½	48.11	PTAS048040AWP00300	3.7	288.85	PTAS048080AWP00300	5.1	382.10	15 No
2	60.17	PTAS060040AWP00300	3.9	386.60	PTAS060080AWP00300	5.6	529.70	10 No
2½	72.84	PTAS072040AWP00300	5.2	594.85	PTAS072080AWP00300	7.0	785.90	5 No
3	88.7	PTAS088040AWP00300	5.5	780.45	PTAS088080AWP00300	7.7	1053.90	5 No
4	114.07	PTAS114040AWP00300	6.0	1087.70	PTAS114080AWP00300	8.6	1508.45	3 No
6	168	PTAS168040AWP00300	7.2	1917.65	PTAS168080AWP00300	11.0	2881.95	-
8	218.7	PTAS218040AWP00300	8.2	2887.40	PTAS218080AWP00300	12.7	4378.60	-
10	272.67	PTAS272040AWP00300	9.3	4354.15	PTAS272080AWP00300	15.1	6903.80	-
12	323.47	PTAS323040AWP00300	10.3	5753.90	PTAS323080AWP00300	17.5	9496.95	-

Note: Sch - 120 also available as per requirement.

uPVC ASTM Threaded Pipe (3Mtr)

Price in ₹ per MTR

ID (Inch)	O D (mm)	Item code	Sch - 40		Item code	Sch - 80		PACKING / BUNDLE 3 Mtr
			W.T (mm)	Price		W.T (mm)	Price	
1/2	21.24	PTAS021040AWW00300	2.8	91.55	PTAS021080AWW00300	3.8	115.00	50 No
3/4	26.57	PTAS026040AWW00300	2.9	124.10	PTAS026080AWW00300	3.9	156.60	40 No
1	33.27	PTAS032040AWW00300	3.4	180.15	PTAS033080AWW00300	4.6	229.05	25 No
1¼	42.03	PTAS042040AWW00300	3.6	248.05	PTAS042080AWW00300	4.9	323.25	15 No
1½	48.11	PTAS048040AWW00300	3.7	292.45	PTAS048080AWW00300	5.1	386.60	15 No
2	60.17	PTAS060040AWW00300	3.9	392.05	PTAS060080AWW00300	5.6	536.95	10 No
2½	72.84	PTAS072040AWW00300	5.2	607.55	PTAS072080AWW00300	7.0	801.30	5 No
3	88.7	PTAS088040AWW00300	5.5	795.90	PTAS088080AWW00300	7.7	1074.75	5 No
4	114.07	PTAS114040AWW00300	6.0	1110.05	PTAS114080AWW00300	8.6	1540.10	3 No
6	168	PTAS168040AWW00300	7.2	1956.60	PTAS168080AWW00300	11.0	2940.80	-
8	218.7	PTAS218040AWW00300	8.2	2946.25	PTAS218080AWW00300	12.7	4467.35	-
10	272.67	PTAS272040AWW00300	9.3	4442.85	PTAS272080AWW00300	15.1	7045.05	-
12	323.47	PTAS323040AWW00300	10.3	5871.60	PTAS323080AWW00300	17.5	9690.70	-

Note: Sch - 120 also available as per requirement.

Jains Special Drop & Single Line Marking



For SCH - 40

Jains Special Drop & Double Line Marking



For SCH - 80

uPVC ASTM Plain Pipe (6Mtr)

**ASTM
D 1785**

Price in ₹ per MTR

ID (Inch)	O D (mm)	Item code	Sch - 40		Item code	Sch - 80		PACKING/ BUNDLE, 6 Mtr
			W.T (mm)	Price		W.T (mm)	Price	
1/2	21.24	PTAS021040AWP00600	2.8	90.50	PTAS021080AWP00600	3.8	114.05	25 No
3/4	26.57	PTAS026040AWP00600	2.9	121.30	PTAS026080AWP00600	3.9	155.75	20 No
1	33.27	PTAS033040AWP00600	3.4	176.55	PTAS033080AWP00600	4.6	226.35	15 No
1¼	42.03	PTAS042040AWP00600	3.6	244.50	PTAS042080AWP00600	4.9	317.80	10 No
1½	48.11	PTAS048040AWP00600	3.7	288.85	PTAS048080AWP00600	5.1	382.10	10 No
2	60.17	PTAS060040AWP00600	3.9	386.60	PTAS060080AWP00600	5.6	529.70	5 No
2½	72.84	PTAS072040AWP00600	5.2	594.85	PTAS072080AWP00600	7.0	785.90	5 No
3	88.7	PTAS088040AWP00600	5.5	780.45	PTAS088080AWP00600	7.7	1053.90	5 No
4	114.07	PTAS114040AWP00600	6.0	1087.40	PTAS114080AWP00600	8.6	1508.45	3 No
6	168	PTAS168040AWP00600	7.2	1917.65	PTAS168080AWP00600	11.0	2881.95	-
8	218.7	PTAS218040AWP00600	8.2	2887.40	PTAS218080AWP00600	12.7	4378.60	-
10	272.67	PTAS272040AWP00600	9.3	4354.15	PTAS272080AWP00600	15.1	6903.80	-
12	323.47	PTAS323040AWP00600	10.3	5753.90	PTAS323080AWP00600	17.5	9496.95	-

Note: Sch - 120 also available as per requirement.

uPVC ASTM Threaded Pipe (6Mtr)





Price in ₹ per MTR





ID (Inch)	O D (mm)	Item code	Sch - 40		Item code	Sch - 80		PACKING/ BUNDLE, 6 Mtr
			W.T (mm)	Price		W.T (mm)	Price	
1/2	21.24	PTAS021040AWW00600	2.8	91.55	PTAS021080AWW00600	3.8	115.00	25 No
3/4	26.57	PTAS026040AWW00600	2.9	124.10	PTAS026080AWW00600	3.9	156.60	20 No
1	33.27	PTAS032040AWW00600	3.4	180.15	PTAS032080AWW00600	4.6	229.05	15 No
1¼	42.03	PTAS042040AWW00600	3.6	248.05	PTAS042080AWW00600	4.9	323.25	10 No
1½	48.11	PTAS048040AWW00600	3.7	292.45	PTAS048080AWW00600	5.1	386.60	10 No
2	60.17	PTAS060040AWW00600	3.9	392.05	PTAS060080AWW00600	5.6	536.95	5 No
2½	72.84	PTAS072040AWW00600	5.2	607.55	PTAS072080AWW00600	7.0	801.30	5 No
3	88.7	PTAS088040AWW00600	5.5	795.90	PTAS088080AWW00600	7.7	1074.75	5 No
4	114.07	PTAS114040AWW00600	6.0	1110.05	PTAS114080AWW00600	8.6	1540.10	3 No
6	168	PTAS168040AWW00600	7.2	1956.60	PTAS168080AWW00600	11.0	2940.80	-
8	218.7	PTAS218040AWW00600	8.2	2946.25	PTAS218080AWW00600	12.7	4467.35	-
10	272.67	PTAS272040AWW00600	9.3	4442.85	PTAS272080AWW00600	15.1	7045.05	-
12	323.47	PTAS323040AWW00600	10.3	5871.60	PTAS323080AWW00600	17.5	9690.70	-

Note: Sch - 120 also available as per requirement.

uPVC ASTM FITTINGS AS PER SCH-80




Price in ₹ per Piece




Item Code	Item Description	Price/ Piece	Packing stock bag	Packing / Box
ASTM Coupler				
				
ASTMC012S080SJ	UPVC 15MM (1/2) SCH 80 SJ	12.30	80	400
ASTMC034S080SJ	UPVC 20MM(3/4) SCH80 SJ	19.80	50	250
ASTMC100S080SJ	UPVC 25MM (1) SCH 80 SJ	31.55	30	150
ASTMC114S080SJ	UPVC 32MM (1¼) SCH 80 SJ	43.35	10	100
ASTMC112S080SJ	UPVC 40MM (1½) SCH 80 SJ	60.40	10	80
ASTMC200S080SJ	UPVC 50MM (2) SCH 80 SJ	87.70	6	42
ASTM Elbow 90°				
				
ASTME90D012S080SJ	UPVC 15MM (1/2) SCH80 SJ	19.65	60	300
ASTME90D034S080SJ	UPVC 20MM(3/4) SCH80 SJ	26.95	30	180
ASTME90D100S080SJ	UPVC 25MM (1) SCH80 SJ	44.40	20	100
ASTME90D114S080SJ	UPVC 32MM (1¼) SCH80 SJ	70.30	10	60
ASTME90D112S080SJ	UPVC 40MM (1½) SCH80 SJ	98.40	8	40
ASTME90D200S080SJ	UPVC 50MM (2)SCH80 SJ	151.30	5	25
ASTM Elbow 90° - Brass Insert				
				
ASTME012S080B	UPVC ELBOW 15MM(1/2)SCH.80	137.45	25	250
ASTME034S080B	UPVC ELBOW20MM(3/4) SCH.80	189.85	20	200
ASTME100S080B	UPVC ELBOW 25MM(1) SCH.80	367.35	10	100
ASTME114S080B	UPVC ELBOW 32MM(1¼) SCH.80	-		50
ASTMRE034012B	UPVC 20X15MM (3/4X1/2)	121.40		250
ASTMRE100012B	UPVC 25X15MM (1X1/2)	215.45		150
ASTM Elbow 45°				
				
ASTME45D012S080SJ	UPVC 15MM (1/2) SCH80 SJ	17.65	70	350
ASTME45D034S080SJ	UPVC 20MM (3/4) SCH80 SJ	24.15	40	200
ASTME45D100S080SJ	UPVC 25MM (1) SCH80 SJ	40.35	20	120
ASTME45D114S080SJ	UPVC 32MM (1¼) SCH80 SJ	59.95	16	80
ASTME45D112S080SJ	UPVC 40MM (1½) SCH80 SJ	82.35	10	50
ASTME45D200S080SJ	UPVC 50MM (2) SCH80 SJ 45D	119.80	6	30

Item Code	Item Description	Price/ Piece	Packing stock bag	Packing / Box
ASTM Tee				
				
ASTMET012S080SJ	UPVC 15MM (1/2) SCH 80 SJ	23.55	40	200
ASTMET034S080SJ	UPVC 20MM(3/4)SCH80 SJ	38.50	20	120
ASTMET100S080SJ	UPVC 25MM (1) SCH 80 SJ	56.65	10	70
ASTMET114S080SJ	UPVC 32MM (1¼) SCH 80 SJ	85.55	8	40
ASTMET112S080SJ	UPVC 40MM (1½) SCH 80 SJ	122.95	4	32
ASTMET200S080SJ	UPVC 50MM (2) SCH 80 SJ	194.80	3	15
ASTM Tee Brass Insert				
				
ASTMET012S080B	UPVC15MM(1/2)SCH80 Equal Tee	151.90	20	200
ASTMET034S080B	UPVC 20MM(3/4)SCH80 Equal Tee	231.50	10	120
ASTMET100S080B	UPVC 25MM(1)SCH80 Equal Tee	412.30	10	70
ASTM FTA				
				
ASTMFTA012S080	UPVC 15MM (1/2) SCH 80	12.50	70	420
ASTMFTA034S080	UPVC 20MM (3/4) SCH 80	19.25	50	300
ASTMFTA100S080	UPVC 25MM (1) SCH 80	32.30	30	150
ASTMFTA114S080	UPVC 32MM(1¼)SCH 80	48.45	10	110
ASTMFTA112S080	UPVC 40MM (1½) SCH 80	59.95	9	90
ASTMFTA200S080	UPVC 50MM (2) SCH 80	83.95	6	48
ASTMRFTA034012S080	UPVC 20X15MM (3/4X1/2) RED	22.95	70	350
ASTM Brass FTA				
				
ASTMFTA012S080B	UPVC 15MM(1/2)SCH.80	130.45	30	300
ASTMFTA034S080B	UPVC20X20MM(3/4X3/4)SCH80	178.05	20	200
ASTMFTA100S080B	UPVC 25MM(1)SCH.80	321.35	20	160
ASTMRFTA034012B	UPVC 20X15MM (3/4X1/2)	172.70	30	300
ASTMRFTA100012B	UPVC 25X15MM (1X1/2)	158.80	20	200

uPVC ASTM FITTINGS AS PER SCH-80





Price in ₹ per Piece






Item Code	Item Description	Price/ Piece	Packing stock bag	Packing / Box
ASTM MTA				
				
ASTMMTA012S080	UPVC 15MM (1/2) SCH 80	10.70	60	600
ASTMMTA034S080	UPVC 20MM (3/4) SCH 80	14.95	50	400
ASTMMTA100S080	UPVC 25MM (1) SCH 80	22.95	40	200
ASTMMTA114S080	UPVC 32MM(1 1/4) SCH80	35.85	16	160
ASTMMTA112S080	UPVC 40MM (1 1/2) SCH 80	50.70	12	120
ASTMMTA200S080	UPVC 50MM (2) SCH 80	70.05	12	84
ASTMRMTA034012S080	UPVC 20X15MM (3/4X1/2) RED	16.55	50	400
ASTM Brass Reducing MTA				
				
ASTMMTA012S080B	UPVC 15MM (1/2) SCH 80	170.05	40	400
ASTMMTA034S080B	UPVC 20 MM (3/4)SCH80	247.55	30	300
ASTMMTA100S080B	UPVC 25MM (1) SCH 80	382.85	20	200
ASTMRMTA100012B	UPVC 25X15MM (1X1/2) BRASS	170.05	20	200
ASTMRMTA034012B	UPVC 20X15MM (3/4X1/2)BRASS	168.45	30	300
ASTM Reducing Bush				
				
ASTMRB034012S080SJ	UPVC 20X15MM (3/4X1/2) SCH 80	10.70	140	700
ASTMRB100012S080SJ	UPVC 25X15MM (1X1/2) SCH 80	19.20	80	400
ASTMRB100034S080SJ	UPVC 25X20MM (1X3/4) SCH 80	13.15	40	400
ASTMRB114012S080SJ	UPVC 32X15MM(11/4X1/2) SCH 80	37.45	40	200
ASTMRB114100S080SJ	UPVC 32X25MM (11/4X1) SCH 80	21.95	40	200
ASTMRB112012S080SJ	UPVC 40X15MM(11/2X1/2) SCH 80	41.55	20	160
ASTMRB112100S080SJ	UPVC 40X25MM (11/2X1) SCH 80	36.75	20	160
ASTMRB112114S080SJ	UPVC 40X32MM (11/2X11/4) SCH 80	38.50	35	175
ASTMRB200012S080SJ	UPVC 50X15MM (2" X 1/2") SCH 80	89.45	12	120
ASTMRB200100S080SJ	UPVC 50X25MM (2X1) SCH 80	95.75	12	120
ASTMRB200112S080SJ	UPVC 50X40MM (2X11/2) SCH 80	67.90	10	100
ASTMRB200114S080SJ	UPVC 50X32MM (2X11/4) SCH 80	85.55	10	100

Item Code	Item Description	Price/ Piece	Packing stock bag	Packing / Box
ASTM Reducer				
				
ASTMRS034012S080SJ	UPVC 20X15 MM(3/4X1/2) SCH80.REDUCER	18.20	60	300
ASTMRS100012S080SJ	UPVC 25X15 MM(1X1/2) SCH80.REDUCER	26.70	25	250
ASTMRS100034S080SJ	UPVC 25X20 MM(1X3/4) SCH80.REDUCER	28.85	30	180
ASTMRS114012S080SJ	UPVC 32X15 MM(114X1/2) SCH80.REDUCER	39.60	20	120
ASTMRS114034S080SJ	UPVC 32X20 MM(114X3/4) SCH80.REDUCER	41.20	20	120
ASTMRS114100S080SJ	UPVC 32X25 MM(114X1) SCH80.REDUCER	44.40	20	60
ASTMRS112034S080SJ	UPVC 40X20 MM(112X3/4) SCH80.REDUCER	46.50	20	160
ASTMRS112100S080SJ	UPVC 40X25 MM(112X1) SCH80.REDUCER	48.65	20	160
ASTMRS112114S080SJ	UPVC 40X32 MM(11/2X11/4) SCH80.REDUCER	51.90	20	100
ASTMRS200100S080SJ	UPVC 50X25 MM(200X1) SCH80.REDUCER	72.20	15	90
ASTMRS200112S080SJ	UPVC 50X40 MM(200X11/2) SCH80.REDUCER	79.70	15	90
ASTMRS200114S080SJ	UPVC 50X32 MM(200X11/4) SCH80.REDUCER	75.40	15	90
ASTM Reducing Tee				
				
ASTMRT034012S080SJ	UPVC 20X15MM (3/4X1/2)SCH 80SJ	36.35	20	140
ASTMRT100012S080SJ	UPVC 25X15MM (1X1/2) SCH 80 SJ	54.00	10	80
ASTMRT100034S080SJ	UPVC 25X20MM (1X3/4) SCH 80 SJ	60.95	10	80
ASTMRT114100S080SJ	UPVC 32X25MM(1 1/4X1)SCH 80 SJ	103.75	10	40
ASTMRT112100S080SJ	UPVC 40X25MM (1 1/2X1)SCH 80 J	133.15	6	30
ASTMRT200112S080SJ	UPVC 50X40MM (2X1 1/2)SCH80 SJ	215.45	3	15
ASTM Reducing Tee - Brass Insert				
				
ASTMRT034012B	UPVC 20X15MM (3/4X1/2) Brass	161.50	10	130
ASTMRT100012B	UPVC 25X15MM(1X1/2) Brass	250.25	8	80
ASTMRT100034B	UPVC 25X20MM(1X3/4) Brass	283.40	10	80

uPVC ASTM FITTINGS AS PER SCH-80

Price in ₹ per Piece

Item Code	Item Description	Price/Piece	Packing stock bag	Packing / Box
ASTMRT114034B	UPVC 32X20MM (1 1/4X3/4)Brass	333.65	10	40
ASTMRT112034B	UPVC 40X20MM(1 1/2X3/4) Brass	382.85	4	40
ASTM End Cap				
				
ASTMEC012S080SJ	UPVC 15MM (1/2) SCH 80 SJ	9.10	150	750
ASTMEC034S080SJ	UPVC 20MM (3/4) SCH 80 SJ	13.40	100	500
ASTMEC100S080SJ	UPVC 25MM (1) SCH 80 SJ	21.95	50	300
ASTMEC114S080SJ	UPVC 32MM (11/4) SCH 80 SJ	34.20	30	180
ASTMEC112S080SJ	UPVC 40MM (11/2) SCH 80 SJ	44.90	20	120
ASTMEC200S080SJ	UPVC 50MM (2) SCH 80 SJ	67.40	15	90
ASTM UNION				
				
ASTMU012S080SJ	UPVC 15MM (1/2) SCH 80 SJ UNION	58.80	30	180
ASTMU034S080SJ	UPVC 20MM (3/4) SCH 80 SJ UNION	74.85	20	120
ASTMU100S080SJ	UPVC 25MM (1) SCH 80 SJ UNION	101.60	10	80
ASTMU114S080SJ	UPVC 32MM (11/4) SCH 80 SJ UNION	141.15	10	50
ASTMU112S080SJ	UPVC 40MM (11/2) SCH 80 SJ UNION	188.25	7	35
ASTMU200S080SJ	UPVC 50MM (2) SCH 80 SJ UNION	217.65	6	24
ASTM Tank Connector				
				
ASTMTC012M	UPVC 15MM(1/2)MALE TH	95.75	50	250
ASTMTC034M	UPVC 20MM(3/4)MALE TH	100.50	40	200
ASTMTC100M	UPVC 25MM(1)MALE TH.	121.40	20	100
ASTMTC114M	UPVC 32MM(1 1/4)MALE FAB	164.15	10	60
ASTMTC112M	UPVC 40MM(1 1/2)MALE FAB	181.80	10	50
ASTMTC200M	UPVC 50MM(2)MALE FAB	225.10	10	20
ASTM Tank Connector				
				
ASTMTC012S080SJ	UPVC 15MM(1/2)SCH80 PLN	47.05	50	250
ASTMTC034S080SJ	UPVC 20MM(3/4)SCH80 PLN	56.65	20	160
ASTMTC100S080SJ	UPVC 25MM(1)SCH80 PLN	75.95	20	100

Item Code	Item Description	Price/Piece	Packing stock bag	Packing / Box
ASTM Tank Connector				
				
ASTMTC012F	UPVC 15MM(1/2)FEMALE TH	47.05	50	300
ASTMTC034F	UPVC 20MM(3/4)FEMALE TH	56.65	30	180
ASTMTC100F	UPVC 25MM(1) FEMALE TH.	73.80	20	120
ASTM Ball Valve				
				
ASTMBV012S080SJ	UPVC 15MM (1/2) SCH 80 SJ BALL VALVE	129.00	0	-
ASTMBV034S080SJ	UPVC20MM (3/4) SCH 80 SJ BALL VALVE	166.00	0	-
ASTMBV100S080SJ	UPVC25MM (1) SCH 80 SJ BALL VALVE	262.50	0	-
ASTMBV112S080SJ	UPVC40MM (11/2)SCH 80 SJ BALL VALVE	545.50	0	-
ASTMBV114S080SJ	UPVC32MM (11/4)SCH 80 SJ BALL VALVE	397.00	0	-
ASTMBV200S080SJ	UPVC50MM (2) SCH 80 SJ BALL VALVE	919.50	0	-
ASTMBV212S080SJ	ASTM65MM (21/2) SCH 80 SJ BALL VALVE	2618.50	0	-
ASTMBV300S080SJ	ASTM80MM (3) SCH 80 SJ BALL VALVE	4373.50	0	-
ASTMBV400S080SJ	UPVC100MM (4) SCH 80 SJ BALL VALVE	7565.50	0	-
Threaded End Plug				
				
THREADENDPLUG012	Threaded End Plug 15MM (1/2)	16.80	0	550
ASTM Pipe Clip				
				
ASTMPC012	UPVC 15MM (1/2) Pipe Clip	5.90	400	2400
ASTMPC034	UPVC 20MM (3/4) Pipe Clip	6.40	320	1600
ASTMPC100	UPVC 25MM (1) Pipe Clip	9.25	240	1200
ASTMPC114	UPVC 32MM (1.1/4) Pipe Clip	11.25	160	800
ASTMPC112	UPVC 40MM (1.1/2) Pipe Clip	16.55	100	500
ASTMPC200	UPVC 50MM (2) Pipe Clip	21.95	60	300
SOLVENT CEMENT - PERMA FIX				
				
ASTMPF050MLTIN	ASTM Solvent Cement 50 ML-TIN	183.50	-	150
ASTMPF0100MLTIN	ASTM Solvent Cement 100 ML-TIN	285.50	-	100
ASTMPF0250MLTIN	ASTM Solvent Cement 250 ML-TIN	540.00	-	48
ASTMPF0500MLTIN	ASTM Solvent Cement 500 ML-TIN	836.00	-	20
ASTMPF1LTIN	ASTM Solvent Cement 1 L-TIN	1499.00	-	10
Performance warranty applicable only in the case, when Jain UPVC ASTM Pipes & Fittings are installed with Perma Fix solvent cement				

Do's and Don'ts For ASTM Pipes and Fittings

Do's

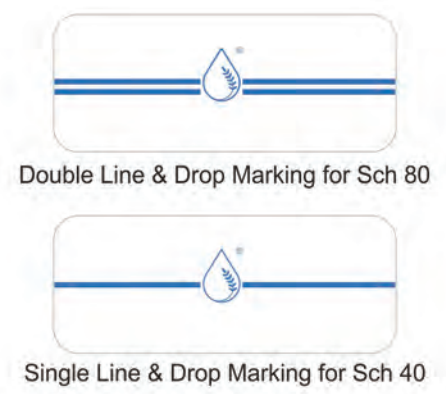
- Cut the Pipe ends square.
- Thoroughly check the material received, before use for any visual defect or damage
- De burr and bevel the pipe ends with chamfering tools.
- Use the recommended solvent cement and follow application instruction.
- Rotate the pipe at least ¼ turn when bottoming the pipe into the fitting socket.
- Avoid puddling of cement in fitting and pipe.
- Follow the recommended cure time of solvent cement prior to pressure testing.
- Fill lines slowly & bleed the air from the system before pressure testing.
- Please follow the spacing of the pipe strap/clip for horizontal and vertical piping system as mentioned in Jain Catalogue.
- conduct pressure test before concealing the pipe to check joint integrity

Don'ts

- Do not use petroleum or solvent based sealants or lubricants.
- Do not use edible oils such as Crisco for all lubricant.
- Do not use solvent cement that has exceeded it's shelf life or has become dis coloured or jelled.
- Do not pressure test until the recommended joint cure times are met.
- Do not over tight or lockdown the system.
- Do not use pipe strap or clip which tend to restrict expansion and contraction. Use correct design pipe strap/Clip.
- Do not use Teflon tape and thread sealant simultaneously.

**WITH OVER 40 YEARS OF EXPERIENCE INDIA'S LEADING PLASTIC PROCESSOR;
uPVC RECLAIM WATER PIPES & FITTINGS SYSTEM FOR TREATED WATER SUPPLY**

Launching Soon



Super uPVC



Jain Irrigation Systems Limited (JISL), has an unmatched and enviable performance track record as a **Total Solution Provider** for various thermoplastics piping systems such as for Agriculture, Water, Gas, Telecom, Utility, Sewerage, Chemicals, Industrial Effluents, Mining, Slurry, Coal ash, SWR, Sub soil drainage, Ground water tapping, Lift irrigation, Micro irrigation & sprinkler irrigation, Hand pumps, House service Connections etc.

Jain Irrigation Systems Ltd is a diversified entity with turnover in excess of \$ 1.2 Billion. We have a global presence with 33 manufacturing bases spread over four continents. Our products are supplied to 126+ countries with able assistance from 11,000+ dealers and distributors worldwide. With over 5 decades of efforts and presence in the marketplace we have reached over 8.5 million farmers.

JISL from its noble range brings to you **JAIN UPVC Reclaim Water Pipes and Fittings system** for all your treated water and high-pressure non-potable water plumbing requirements. JAIN Reclaim Water Pipes and Fittings are produced with a lead-free compound that fulfill all the latest necessities of plumbing networks. The reclaim water piping system is ideal for residential, commercial and industrial treated water applications. These pipes can be used to convey non-potable reclaim treated water which is generated from gray water fixtures and appliances like washbasin, sinks, shower drains, bathtubs, washing machine etc.

Applications

- Reclaim Water Piping Network • Residential & Commercial Flushing Water supply • Treated Water Piping Network for Gardening
- Industrial process Water Piping

Product Range

- Pipes: 15 NB (½") to 100 NB (4") • Fittings: 15 NB (½") to 100 NB (4")

uPVC ASTM Pipe Properties

Sr. No	Property	Standard	Required Value	Unit
1	uPVC Compound Cell Classification	ASTM D 1784	12454	
2	Specific Gravity	ASTM D 792	1.40 – 1.46	
3	Thermal Conductivity (K)	ASTM C177	0.16	W/(m·K)
4	Sustained Pressure Test	ASTM D 1598	No Failure Should occur	
5	Hydrostatic Design Stress at 73.4°F	ASTM D 2837	2000	PSI
6	Heat Distortion Temp. At 264 PSI	ASTM D 648	158	°F
7	Tensile Strength Yield at 23 ± 2°	ASTM D 638	7000	PSI
8	Modulus of elasticity in tension	ASTM D 638	400000	PSI
9	Izod Impact Strength	ASTM D 256	> 0.65	Ft.lb/in. of notch
10	Burning Rate	ASTM D635	Self-Extinguishing	
11	Flammability Rating	UL 94	94 V-0	
12	Coefficient Of Thermal Expansion	ASTM D 696	5.0 X 10-5	mm/mm°C
13	Resistance to Acetone (Extrusion Quality Test)	ASTM D 2152	Shall not flake or disintegrate	
14	Flattening test	ASTM D 1785	Shall not split, crack or break.	
15	Hazen Williams Coefficient		150	
16	VST	IS 12235 (Part 2)	78 - 80	°C
17	Impact Strength	IS 12235 (Part 9)	Maximum 10%	TIR
18	Transmission Of Visible Light	IS 12235 (Part 3)	< 0.2%	
19	Longitudinal Reversion	IS12235 (Part 5)	+/- 5.0 %	
20	Resistance to Dichloromethane	IS 12235 (Part 11)	Shall not attack	

ASTM pipe wall thickness chart













Sr. No	Nominal Pipe Size (Inch)	Pipe Outside Diameter (avg) (MM)	Pipe Minimum Wall Thickness (MM)		
			Sch 40	Sch80	Sch 120
1	½"	21.34	2.77	3.73	4.32
2	¾"	26.67	2.87	3.91	4.32
3	1"	33.4	3.38	4.55	5.08
4	1 ¼"	42.16	3.56	4.85	5.46
5	1 ½"	48.26	3.68	5.08	5.72
6	2"	60.32	3.91	5.54	6.35
7	2½"	73.02	5.16	7.01	7.62
8	3"	88.90	5.49	7.62	8.89
9	4"	114.30	6.02	8.56	11.10

Water pressure rating for ASTM plain pipes at 23°C (ASTM D 1785)

Size Inch	Pressure Rating					
	Sch 40		Sch 80		Sch 120	
	PSI	Kg/cm²	PSI	Kg/cm²	PSI	Kg/cm²
1/2"	600	42.02	850	59.52	1010	70.73
3/4"	480	33.61	690	48.32	770	53.92
1"	450	31.51	630	44.12	720	50.42
1 1/4"	370	25.91	520	36.41	600	42.02
1 1/2"	330	23.11	470	32.91	540	37.82
2"	280	19.61	400	28.01	470	32.91
2 1/2"	300	21.01	420	29.41	470	32.91
3"	260	18.21	370	25.91	440	30.81
4"	220	15.41	320	22.41	430	30.11

Note : Fittings are available in schedule 80.

Salient Features -

 Lead Free	 V 0 Fire Rating as per UL 94 Flammability Testing Standard	 Inner smooth surface	 Economical	 Strong & Durable	 For Treated Water
 UV Resistant	 Corrosion Resistant	 No Electrical tools required	 Lower bacterial growth	 For pressurized Cold Water	 For non-potable Water



Always use **Jain's Perma-Fix - UPVC** Solvent Cement for better Bonding Performance.

uPVC Plumbing Piping system

Jain
PlumbingTM

Install Peace of Mind !

WITH OVER 40 YEARS OF EXPERIENCE INDIA'S LEADING PLASTIC PROCESSOR;
BRINGS TO YOU
uPVC PLUMBING PIPES AND FITTINGS SYSTEM FOR COLD WATER PLUMBING

Now with Blue
Line Marking

Super uPVC




Jain Irrigation Systems Ltd.
*Small Ideas. Big Revolutions.**

IS:4985:2000



CM/L-0971867
Pipes

IS:7834:1987



CM/L-7391177
Fittings

India's largest Polymer processors

Jain Irrigation Systems Limited (JISL), has an unmatched and enviable performance track record as a **Total Solution Provider** for various thermoplastic piping systems such as for Agriculture, Water, Gas, Telecom, Utility, Sewerage, Chemicals, Industrial Effluents, Mining, Slurry, Coal ash, SWR, Sub soil Drainage, Ground water tapping, Lift Irrigation, Micro Irrigation & Sprinkler Irrigation, Hand pumps, House service Connections etc.

Jain Irrigation Systems Ltd is a diversified entity with turnover in excess of \$ 1.2 Billion. We have a global presence with 33 manufacturing bases spread over four continents. Our products are supplied to 126+ countries with able assistance from 11,000+ dealers and distributors worldwide. With over 5 decades of efforts and presence in the marketplace we have reached over 8.5 million farmers

JISL from its noble range brings to you Jain PVC Plumb Pipes and Fittings which are available in a vast range conforming to IS-4985 and IS-7834 latest version for potable water application. Jain PVC Plumb Pipes and Fittings can be installed on the surface or can be buried. These pipes and fittings are Rigid, Durable, Corrosion resistant, Safe for drinking, Easy to Install and have a smooth surface.

Product Range Pipes: \varnothing 20 mm - 50 mm

Product Range Fittings: \varnothing 20 mm - 32 mm in HD (Heavy Duty) And \varnothing 40 mm - 50 mm in HD (Heavy Duty) and LW (Light weight)

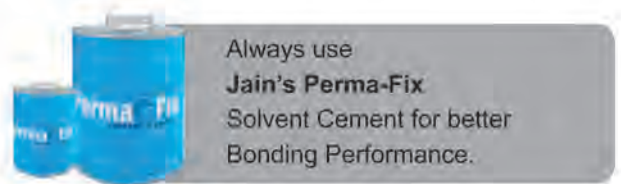
Perma-fix PVC Solvent Cement is recommended for best bonding strength and performance.

PVC Plumb Pipe Properties









Sr. No	Property	Test Method	Required Value	Unit
1	PVC K Value	IS 4669	>64	-
2	Specific Gravity	IS 12235 Part 14	1.40-1.46	-
3	Thermal Conductivity (K)	ASTM C177	0.16	W/(m·k)
4	Sustained Pressure Test	IS 12235 Part 8	No Failure	
5	Hydrostatic Design Stress at 72°C	IS 4985	1224	PSI
6	Effect on Water	IS 12235 PART 4 & 10	No Detrimental Effect	
7	Modulus of elasticity in tension	ASTM D 638	400000	PSI
8	Burning Rate	ASTM D635	Self-Extinguishing	
9	Flammability Rating	UL 94	V-0	rating
10	Coefficient Of Thermal Expansion	ASTM D 696	5.0 X 10-5	mm/mm°C
11	Hazen Williams Coefficient	-	C value 150	
12	VST	IS 12235 (Part 2)	Minimum 80	°C
13	Resistance to Acetone (Extrusion Quality Test)	ASTM D 2152	Shall not flake or disintegrate	-
14	Sulphated Ash Content	IS 4985	<11%	
15	Impact Strength	IS 12235 (Part 9)	Maximum 10%	TIR
16	Transmission Of Visible Light	IS 12235 (Part 3)	< 0.2%	%
17	Longitudinal Reversion	IS12235 (Part 5)	+/- 5.0 %	%
18	Resistance to Dichloromethane	IS 12235 (Part 11)	Shall not attack	-

PVC Plumb Pipe Wall Thickness Chart

Sr. No	Nominal Outside Diameter	Pipe Minimum Wall Thickness
	MM	MM
1	20	2.8
2	25	2.9
3	32	3.4
4	40	3.6
5	50	3.7



Sallient Features

 For Cold Water	 Easy To Install	 Durability 50+ years	 Economical	 Safe for drinking water
 Corrosion Resistant	 No Electrical tools required	 Lower bacterial growth		

PLUMB PIPES

PLUMB PIPE WITH COUPLER

(Price Per Mtr. in ₹)

Sr. No.	Size (mm)	Item Code	Item Description	Rate / Mtr (Rs.)	Packing / Bag
1	20	PTPL020028IGP00600	UPVC TB PLUMB WITH COUP 020X2.8 MM GR 6M	84.90	25
2	25	PTPL025029IGP00600	UPVC TB PLUMB WITH COUP 025X2.9 MM GR 6M	112.00	25
3	32	PTPL032034IGP00600	UPVC TB PLUMB WITH COUP 032X3.4 MM GR 6M	168.25	15
4	40	PTPL040036IGP00600	UPVC TB PLUMB WITH COUP 040X3.6 MM GR 6M	228.15	10
5	50	PTPL050037IGP00600	UPVC TB PLUMB WITH COUP 050X3.7 MM GR 6M	298.95	10

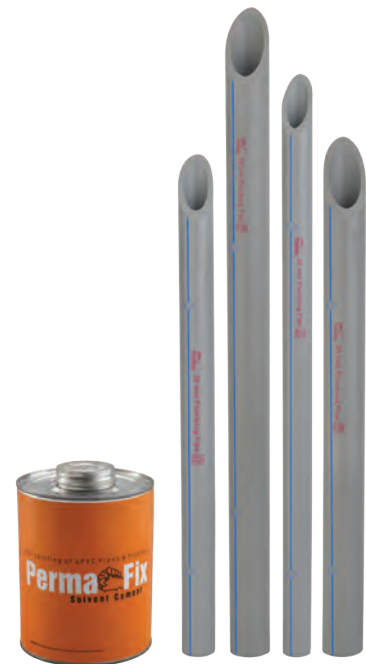
PLUMB PIPE WITHOUT COUPLER

(Price Per Mtr. in ₹)

Sr. No.	Size (mm)	Item Code	Item Description	Rate / Mtr (Rs.)	Packing / Bag
1	20	PTPL020028IGX00600	UPVC PIPE TB PLAIN PLUMB 020X2.8MM GR 6M	84.90	25
2	25	PTPL025029IGX00600	UPVC PIPE TB PLAIN PLUMB 025X2.9MM GR 6M	110.95	25
3	32	PTPL032034IGX00600	UPVC PIPE TB PLAIN PLUMB 032X3.4MM GR 6M	167.20	15
4	40	PTPL040036IGX00600	UPVC PIPE TB PLAIN PLUMB 040X3.6MM GR 6M	225.50	10
5	50	PTPL050037IGX00600	UPVC PIPE TB PLAIN PLUMB 050X3.7MM GR 6M	294.80	10

NOTES


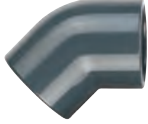



- Prices are effective from **19 November, 2021**.
- Prices are subject to change on day to day basis without notice.
- Prices are exclusive of GST.
- Pipes will be supplied in 6 meter length in light grey colour with one coupler or one end socketed.
- Payment should be made by way of RTGS / NEFT or crossed demand draft drawn in favour of **Jain Irrigation Systems Ltd.**, Payable at Jalgaon.
- We can also supply Plumb Pipes in blue colour.
- We recommend the use of Perma-Fix solvent cement for better performance.
- When you deal with us it is assumed that you have understood and accepted our **General Terms and Conditions***.
- This price list supersedes all earlier Price - Lists.
- Subject to Jalgaon Jurisdiction.










PLUMB FITTINGS - HD

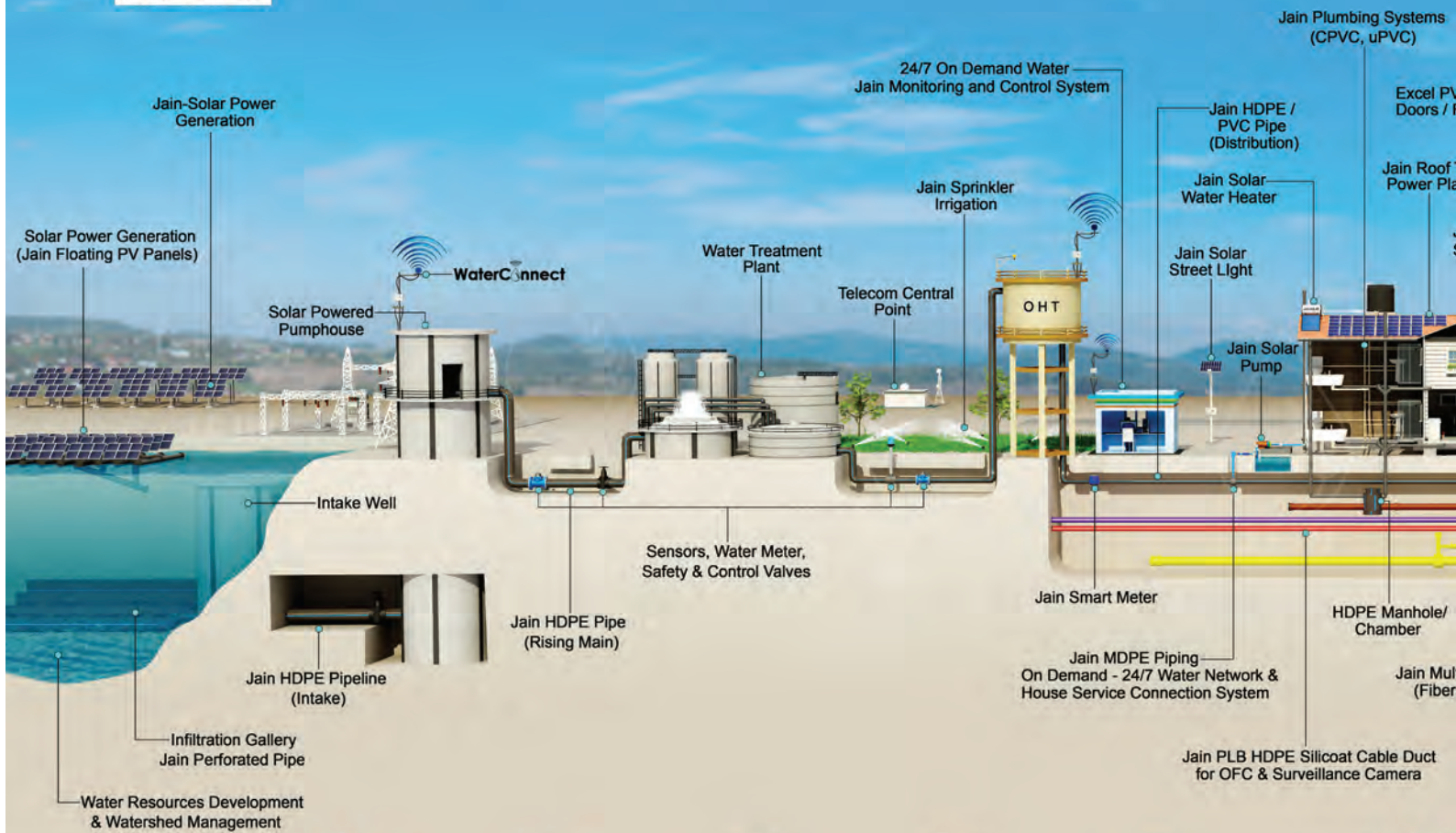
Price in ₹ per Piece

Item Code	Description	Price per Unit	Packing/Box
PVC Elbow 90° - PN 10			
			
PE020	Elbow (Equal) 20 mm HD	10.00	1500
PE025	Elbow (Equal) 25 mm HD	16.65	800
PE032	Elbow (Equal) 32 mm HD	21.65	500
PVC Equal Elbow 45° - PN 10			
			
PE45020	Elbow (Equal) 20 mm 45° HD	15.00	1600
PE45025	Elbow (Equal) 25 mm 45° HD	22.50	950
PE45032	Elbow (Equal) 32 mm 45° HD	39.15	500
PE45040	Elbow (Equal) 40 mm 45° HD	46.90	300
PE45050	Elbow (Equal) 50 mm 45° HD	66.65	170
PVC Tee - PN 10			
			
PMT020	Tee (Equal) 20 mm - HD	18.35	900
PMT025	Tee (Equal) 25 mm - HD	21.65	600
PMT032	Tee (Equal) 32 mm - HD	33.35	300
PVC Reducing Brass Threaded Tee - PN 10			
			
PMRTT025012B	PVC Reducing Brass Threaded Tee 25X1/2	94.15	200
PMRTT032012B	PVC Reducing Brass Threaded Tee 32x20(1/2) X 32mm	95.00	200
PVC Reducing Threaded Tee - PN 10			
			
PMRTT032012	PVC Reducing Thread Tee e32x20(1/2)X 32mm	32.50	350
PMRTT032034	PVC Reducing Thread Tee 32X25(3/4)X32mm	31.65	350

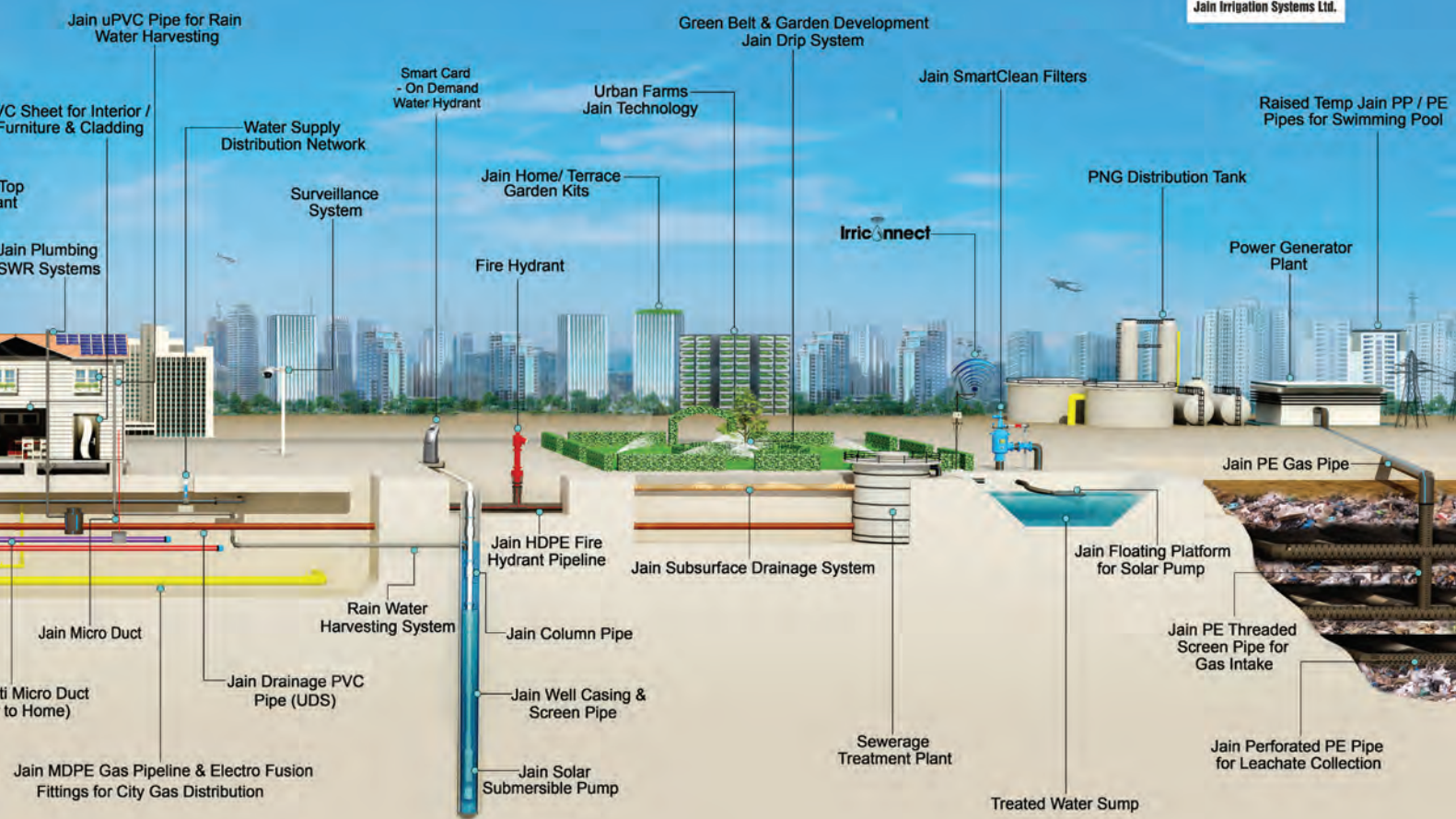
Item Code	Description	Price per Unit	Packing/Box
PVC Male Threaded Adaptor - PN 10			
			
PMTA020	Male Thrd Adpt 20mm(1/2) - HD	10.85	2200
PMTA025	Male Thrd Adpt 25mm(3/4) HD	12.50	1500
PMTA032	Male Thrd Adpt 32mm(1) - HD	17.50	800
PVC Female Threaded Adaptor - PN 10			
			
PFTA020	Fm Thr Adpt 20mm(1/2) HD	12.50	2000
PFTA025	Fm Thr Adpt 25mm(3/4) HD	14.15	1300
PFTA032	Fm Thr Adpt 32mm(1) HD	19.15	750
PVC End Cap (Plain) - PN 10			
			
PECP020	End Cap (Plain) 20 mm - HD	7.50	3600
PECP025	End Cap (Plain) 25 mm - HD	9.15	2000
PECP032	End Cap (Plain) 32 mm - HD	15.85	1135
PVC Reducers - PN 10			
			
PRS02520	Reducer 25 x 20 mm - HD	12.00	1600
PRS03220	Reducer 32 x 20 mm - HD	16.65	1680
PRS03225	Reducer 32 x 25 mm - HD	18.35	800
PRS04020	Reducer 40 x 20 mm - HD	27.50	792
PRS04025	Reducer 40 x 25 mm - HD	29.15	792
PRS04032	Reducer 40 x 32 mm - HD	25.00	792
PRS05025	Reducer 50 x 25 mm - HD	39.65	500
PRS05032	Reducer 50 x 32 mm - HD	42.60	490
PRS05040	Reducer 50 x 40 mm - HD	43.90	441
PVC Reducing Bush- PN 10			
			
PRB02520	Reducing Bush 25x20 mm - HD	14.15	4000
PRB03220	Reducing Bush 32x20 mm - HD	22.50	2300
PRB03225	Reducing Bush 32x25 mm - HD	22.50	2300
PRB04020	Reducing Bush 40x20 mm - HD	16.65	1300
PRB04025	Reducing Bush 40x25 mm - HD	17.50	1400



Smart Solutions for





Sustainable Cities



Copyright © Jain Irrigation Systems Ltd.





Price in ₹ per Piece




Item Code	Description	Price per Unit	Packing/ Box
PRB04032	Reducing Bush 40x32 mm - HD	16.10	1400
PRB05020	Reducing Bush 50x20 mm - HD	32.50	750
PRB05025	Reducing Bush 50x25 mm - HD	16.60	750
PRB05032	Reducing Bush 50x32 mm - HD	35.00	750
PRB05040	Reducing Bush 50x40 mm - HD	29.15	750
PVC Union Plain- PN 10			
			
PU20	Union 20 mm - HD	76.65	700
PU25	Union 25 mm - HD	80.85	400

Item Code	Description	Price per Unit	Packing/ Box
PU32	Union 32 mm - HD	90.85	250
PU40	Union 40 mm - HD	140.85	175
PU50	Union 50 mm - HD	145.85	115
Cross Tee			
			
PCRT050	Cross Tee 50 mm- HD	157.50	72

PLUMB FITTINGS - LW

Price in ₹ per Piece

Item Code	Description	Price per Unit	Packing/ Box
PVC Elbow - PN 6			
			
PLE040	Elbow (Equal) 40 mm - LP	30.85	250
PLE050	Elbow (Equal) 50 mm - LP	43.90	150
PVC Tee - PN 6			
			
PLT040	Tee (Equal) 40 mm - LP	34.15	175
PLT050	Tee (Equal) 50 mm - LP	60.00	90
PVC Reducing Tee - PN 6			
			
PLM-RT04025	Reducing Tee 40 X 25 X 40 mm	33.00	200
PVC Female Threaded Adaptor - PN 6			
			
PLFTA040	Female Thr.adaptor 1.25 (40mm)	33.00	450
PLFTA050	Female Threaded Adaptor 50 mm LWT	39.15	225

Item Code	Description	Price per Unit	Packing/ Box
PVC Male Threaded Adaptor - PN 6			
			
PLMTA040	Male Thr.adaptor 1.25 (40mm)	25.75	450
PLMTA050	Male Threaded Adaptor 50 mm Lwt	31.40	420
PVC End Cap (Plain) - PN 6			
			
PLECP040	End Cap (Plain) 40 mm - LP	13.25	700
PLECP050	End Cap (Plain) 50 mm - LP	22.00	430
PVC Coupler - PN 6			
			
PLC020	Coupler 20 mm LP	9.15	2000
PLC025	Coupler 25 mm LP	12.50	1300
PLC032	Coupler 32 mm LP	15.40	960
PLC040	Coupler 40 mm LP	19.50	400
PLC050	Coupler 50 mm LP	29.15	245

**WITH OVER 40 YEARS OF EXPERIENCE INDIA'S LEADING PLASTIC PROCESSOR;
SWR PIPES AND FITTINGS SYSTEM FOR SOIL, WASTE & RAIN WATER**



Product Features :

- ◆ Smooth inner surface.
- ◆ Uniform wall thickness.
- ◆ Lightweight & strong.
- ◆ UV Stabilized-Weather resistant High quality Standard.
- ◆ TPE rubber ring joint.
- ◆ Non corrosive
- ◆ Easy to install.
- ◆ Durable, Long life & Economical.
- ◆ Maintenance Free

Dimensions of Pipes (All dimensions are in mm)

Nominal outside diameter (D) mm	Tolerance on outside diameter mm	Wall Thickness Type-A(A)mm		Wall Thickness Type-B(A)mm		Wall Thickness (Nonstandard)(t)mm	
		min	max	min	max	min	max
75	+0.3	1.8	2.2	3.2	3.8	1.4	1.6
90	+0.4	1.9	2.3	3.2	3.8	-	-
110	+0.4	2.2	2.7	3.2	3.8	1.5	1.65
160	+0.5	3.2	3.8	4.0	4.6	2.7	3.2

Double Socketed pipe as per requirements are also available.

Maximum Support Distance In Meters

Size in mm	75	90	110	160
Horizontal	0.75	0.9	1.1	1.6
Vertical	2.00	2.00	2.00	2.00

Consumption of Rubber Lubricant

Size in mm	75	90	110	160
No. of joints / kg.	500	400	300	200

Product Specification :

SWR Pipes

- ◆ Pipes are available from 40mm to 160mm OD
- ◆ Available in Rubber Ring and Solvent type Joint
- ◆ 160mm also available in Click-ring Joint
- ◆ TYPE A - Used for Ventilation & Rain-water System.
- ◆ TYPE B - Used for Soil & Waste Discharge System.
- ◆ Various lengths from 0.6m. to 6.0m. available on request

IS : 12592



CM/L-7688608

SWR Fittings

- ◆ Fittings are available in 75, 90, 110 & 160mm OD
- ◆ Available in Rubber Ring and Solvent type Joint
- ◆ 160mm also available in Click-ring Joint
- ◆ Also Conforming to DIN : 19531/19534

IS : 14715



CM/L-7726788

Installation Procedures

Rubber Ring Joint :



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.



Always use Jain's **Perma-Fix** Solvent Cement for better Bonding Performance.



Always use Jain's **Perma-Lube** Rubber Lubricant for smoother jointing process in rubber ring joint



SWR PIPES RRJ (3 METER LENGTH)

SINGLE SOCKET PIPES		Price - Rs./piece		3 METER LENGTH	
Size	Length	RUBBER RING JOINT			
OD (mm)	(mtr)	Type A	Price	Type B	Price
40	3 mtr	PRSW040TASIER00300	363.95	PRSW040TBSIER00300	610.25
50	3 mtr	PRSW050TASIER00300	454.55	PRSW050TBSIER00300	776.80
63	3 mtr	PRSW063TASIER00300	521.50	PRSW063TBSIER00300	893.65
75	3 mtr	PRSW075TASIER00300	651.00	PRSW075TBSIER00300	1155.30
90	3 mtr	PRSW090TASIER00300	853.80	PRSW090TBSIER00300	1442.35
110	3 mtr	PRSW110TASIER00300	1197.00	PRSW110TBSIER00300	1752.00
160	3 mtr	PRSW160TASIER00300	2656.50	PRSW160TBSIER00300	3358.20

SWR PIPES SWJ (3 METER LENGTH)

SINGLE SOCKET PIPES		Price - Rs./piece		3 METER LENGTH	
Size	Length	SOLVENT WELD			
OD (mm)	(mtr)	Type A	Price	Type B	Price
40	3 mtr	PRSW040TASIES00300	356.70	PRSW040TBSIES00300	601.20
50	3 mtr	PRSW050TASIES00300	443.65	PRSW050TBSIES00300	765.05
63	3 mtr	PRSW063TASIES00300	510.70	PRSW063TBSIES00300	890.65
75	3 mtr	PRSW075TASIES00300	638.35	PRSW075TBSIES00300	1139.00
90	3 mtr	PRSW090TASIES00300	838.45	PRSW090TBSIES00300	1422.40
110	3 mtr	PRSW110TASIES00300	1174.30	PRSW110TBSIES00300	1729.30
160	3 mtr	PRSW160TASIES00300	2606.70	PRSW160TBSIES00300	3310.20

SPECIAL LENGTH PIPES		Price - Rs./piece		RUBBER RING JOINT	
Size	Length	DOUBLE SOCKET			
OD (mm)	mm (ft)	Type A	Price	Type B	Price
75	600 mm (2 ft)	PRSW075TADIER00061	160.25	PRSW075TBDIER00061	269.80
75	900 mm (3 ft)	PRSW075TADIER00092	226.35	PRSW075TBDIER00092	386.60
75	1200 mm (4 ft)	PRSW075TADIER00122	290.65	PRSW075TBDIER00122	503.45
75	1800 mm (6 ft)	PRSW075TADIER00183	423.75	PRSW075TBDIER00183	737.05
75	3000 mm (10 ft)	PRSW075TADIER00305	667.30	PRSW075TBDIER00305	1174.30

SPECIAL LENGTH PIPES		Price - Rs./piece		RUBBER RING JOINT	
Size	Length	DOUBLE SOCKET			
OD (mm)	mm (ft)	Type A	Price	Type B	Price
110	600 mm (2 ft)	PRSW110TADIER00061	296.10	PRSW110TBDIER00061	414.70
110	900 mm (3 ft)	PRSW110TADIER00092	414.70	PRSW110TBDIER00092	591.25
110	1200 mm (4 ft)	PRSW110TADIER00122	534.20	PRSW110TBDIER00122	771.40
110	1800 mm (6 ft)	PRSW110TADIER00183	776.80	PRSW110TBDIER00183	1124.55
110	3000 mm (10 ft)	PRSW110TADIER00305	1217.80	PRSW110TBDIER00305	1778.25



SWR PIPES RRJ / SOLVENT JOINT














SPECIAL LENGTH PIPES		Price - Rs./piece			RUBBER RING JOINT
Size	Length	SINGLE SOCKET			
OD (mm)	mm (ft)	Type A	Price	Type B	Price
75	1800 mm (6 ft)	PRSW075TASIER00183	407.45	PRSW075TBSIER00183	721.60
75	3600 mm (12 ft)	PRSW075TASIER00368	800.35	PRSW075TBSIER00368	1465.90
110	1800 mm (6 ft)	PRSW110TASIER00183	747.85	PRSW110TBSIER00183	1091.95
110	3600 mm (12 ft)	PRSW110TASIER00368	1415.15	PRSW110TBSIER00368	2142.25















SPECIAL LENGTH PIPES		Price - Rs./piece			(RRJ) RUBBER RING JOINT
Size	Length	SINGLE SOCKET			
OD (mm)	(mtr)	Type A	Price	Type B	Price
110	6 mtr	PRSW110TASIER00600	2393.00	PRSW110TBSIER00601	3504.90
160	6 mtr	PRSW160TASIER00600	5311.20	PRSW160TBSIER00600	6718.75

SPECIAL LENGTH PIPES		Price - Rs./piece			SOLVENT JOINT
Size	Length	SINGLE SOCKET			
OD (mm)	(mtr)	Type A	Price	Type B	Price
75	6 mtr	PRSW075TASIES00600	1277.55	PRSW075TBSIES00600	2279.85
90	6 mtr	PRSW090TASIES00600	1675.95	PRSW090TBSIES00600	2844.85
110	6 mtr	PRSW110TASIES00600	2346.80	PRSW110TBSIES00600	3457.80
160	6 mtr	PRSW160TASIES00600	5213.40	PRSW160TBSIES00600	6619.55

SWR Fittings - Rubber Ring (RRJ)















Price in ₹ per Piece














	Dia. mm	Code	Price Rs.	Packing/Box
	BEND 87.5°			
	75	SWRB075R87.5	115.50	50
	110	SWRB110R87.5	213.90	18
	160	SWRB160R87.5	703.15	7
	DOOR BEND 87.5°			
	75	SWRBWD075R87.5	160.40	45
	110	SWRBWD110R87.5	283.40	15
	DOOR BEND 87.5° LHS			
	75	SWRBWD075R87.5LHS	233.55	45
	110	SWRBWD110R87.5LHS	448.05	12
	160	SWRBWD160R87.5LHS	732.95	5
	DOOR BEND 87.5° RHS			
	75	SWRBWD075R87.5RHS	233.55	45
	110	SWRBWD110R87.5RHS	448.05	12
	160	SWRBWD160R87.5RHS	732.95	5
	BEND 45°			
	75	SWRB075R45	92.25	60
	110	SWRB110R45	174.45	22
	160	SWRB160R45	575.00	8
	SINGLE TEE			
	75	SWRST075R	163.65	30
	110	SWRST110R	306.95	12
	160	SWRST160R	989.60	5
	SINGLE TEE WITH DOOR			
	75	SWRSTWD075R	210.70	24
	110	SWRSTWD110R	374.30	10
	160	SWRSTWD160R	936.40	4
	SINGLE TEE WITH DOOR LHS 87.5°			
	110	SWRSTWD110RLHS	480.15	8
	160	SWRSTWD160RLHS	978.70	4
	SINGLE TEE WITH DOOR RHS 87.5°			
	110	SWRSTWD110RRHS	480.15	8
	160	SWRSTWD160RRHS	978.70	4
	REDUCING TEE			
	110 x 75	SWRRT11075R	318.75	16
	160 x 110	SWRRT160110R	788.65	6
	REDUCING TEE WITH DOOR			
	110 x 75	SWRRTWD11075R	429.15	14
	160 x 110	SWRRTWD160110R	898.35	4
	REDUCING TEE WITH DOOR LHS			
	160 x 110	SWRRTWD160110RLHS	862.40	4
	REDUCING TEE WITH DOOR RHS			
	160 x 110	SWRRTWD160110RRHS	978.70	4

	Dia. mm	Code	Price Rs.	Packing/Box
	DOUBLE TEE			
	75	SWRDT075R	248.15	24
	110	SWRDT110R	422.45	8
	DOUBLE TEE WITH DOOR			
	75	SWRDTWD075R	464.80	14
	110	SWRDTWD110R	548.50	6
	SINGLE Y			
	75	SWRSY075R	217.50	28
	110	SWRSY110R	402.70	9
	160	SWRSY160R	1145.85	3
	SINGLE Y WITH DOOR			
	75	SWRSYWD075R	261.55	24
	110	SWRSYWD110R	498.70	8
	SINGLE Y WITH DOOR LHS			
	110	SWRSYWD110RLHS	556.65	8
	160	SWRSYWD160RLHS	1158.65	2
	SINGLE Y WITH DOOR RHS			
	110	SWRSYWD110RRHS	556.65	8
	160	SWRSYWD160RRHS	1158.65	2
	REDUCING Y			
	110 x 75	SWRRSY110075R	364.60	13
	160 x 110	SWRRSY160110R	1174.15	4
	REDUCING Y WITH DOOR			
	110 x 75	SWRRYWD110075R	476.25	10
	DOUBLE Y			
	75	SWRDY075R	272.70	18
	110	SWRDY110R	568.55	6
	DOUBLE Y WITH DOOR			
	75	SWRDYWD075R	397.75	14
	110	SWRDYWD110R	692.70	5
	COUPLER			
	75	SWRC075R	95.15	85
	110	SWRC110R	164.20	30
	160	SWRC160R	515.65	12
	REPAIR COUPLER			
	75	SWRRC075R	108.35	85
	110	SWRRC110R	167.65	30
	REDUCER			
	110 x 75	SWRRDR110075R	156.80	50
	110 x 90	SWRRDR11090R	173.90	40
	160 x 110	SWRRDR160110R	515.10	18
	CLEANSING PIPE			
	75	SWRCLP075R	212.80	40
	110	SWRCLP110R	397.60	15

SWR Fittings - Solvent Joint (SWJ)









Price in ₹ per Piece









	Dia. mm	Code	Price Rs.	Packing/Box
	BEND 87.5°			
	75	SWRB075P87.5	105.90	50
	110	SWRB110P87.5	203.20	18
	160	SWRB160P87.5	517.60	7
	DOOR BEND 87.5°			
	75	SWRBWD075P87.5	149.15	45
	110	SWRBWD110P87.5	289.45	15
	160	SWRBWD160P87.5	-	5
	DOOR BEND 87.5° LHS			
	110	SWRBWD110P87.5LHS	426.20	12
	160	SWRBWD160P87.5LHS	529.40	5
	DOOR BEND 87.5° RHS			
	110	SWRBWD110P87.5RHS	426.20	12
	160	SWRBWD160P87.5RHS	-	5
	BEND 45°			
	75	SWRB075P45	82.35	60
	110	SWRB110P45	168.20	22
	160	SWRB160P45	356.65	8
	SINGLE TEE			
	75	SWRST075P	143.30	30
	110	SWRST110P	294.10	12
	160	SWRST160P	653.45	5
	SINGLE TEE WITH DOOR			
	75	SWRSTWD075P	199.45	24
	110	SWRSTWD110P	372.40	10
	160	SWRSTWD160P	762.50	4
	SINGLE TEE WITH DOOR LHS 87.5°			
	110	SWRSTWD110PLHS	434.20	8
	160	SWRSTWD160PLHS	753.95	4
	SINGLE TEE WITH DOOR RHS 87.5°			
	110	SWRSTWD110PRHS	434.20	8
	160	SWRSTWD160PRHS	-	4
	REDUCING TEE			
	110 x 75	SWRRT11075P	265.80	16
	160 x 110	SWRRT160110P	588.25	6
	REDUCING TEE WITH DOOR			
	110 x 75	SWRRTWD11075P	393.95	14
	REDUCING TEE WITH DOOR LHS			
	160 x 110	SWRRTWD160110PLHS	710.10	4
	REDUCING TEE WITH DOOR RHS			
	160 x 110	SWRRTWD160110PRHS	-	4
	DOUBLE TEE			
	75	SWRDT075P	280.75	24
	110	SWRDT110P	373.25	8

	Dia. mm	Code	Price Rs.	Packing/Box
	DOUBLE TEE WITH DOOR			
	75	SWRDTWD075P	311.80	14
	110	SWRDTWD110P	481.75	6
	SINGLE Y			
	75	SWRSY075P	194.70	28
	110	SWRSY110P	368.95	9
	160	SWRSY160P	867.85	4
	SINGLE Y WITH DOOR			
	75	SWRSYWD075P	238.65	24
	110	SWRSYWD110P	441.65	8
	SINGLE Y WITH DOOR LHS			
	110	SWRSYWD110PLHS	490.90	8
	160	SWRSYWD160PLHS	-	3
	SINGLE Y WITH DOOR RHS			
	110	SWRSYWD110PRHS	490.90	8
	160	SWRSYWD160PRHS	-	3
	REDUCING Y			
	110 x 75	SWRRSY110075P	308.60	13
	160 x 110	SWRRSY160110P	1168.85	4
	REDUCING Y WITH DOOR			
	110 x 75	SWRRYWD110075P	-	10
	DOUBLE Y			
	75	SWRDY075P	256.65	18
	110	SWRDY110P	466.80	6
	DOUBLE Y WITH DOOR			
	75	SWRDYWD075P	309.85	14
	110	SWRDYWD110P	550.80	5
	COUPLER			
	75	SWRC075P	66.80	85
	110	SWRC110P	122.45	30
	160	SWRC160P	303.70	18
	REPAIR COUPLER			
	75	SWRRC075P	73.15	85
	110	SWRRC110P	137.90	30
	REDUCER			
	110 x 75	SWRRDR110075P	141.70	50
	110 x 90	SWRRDR11090P	151.30	55
	160 x 110	SWRRDR160110P	272.70	18
	CLEANSING PIPE			
	75	SWRCLP075P	197.30	40
	110	SWRCLP110P	362.05	15

SWR Fittings - 90 mm Fittings













Price in ₹ per Piece












	Type	Code	Price Rs.	Packing/Box
	BEND 87.5° Jain			
	RR	SWRB090R87.5	208.55	31
	SW	SWRB090P87.5	182.85	31
	DOOR BEND 87.5° Jain			
	RR	SWRBWD090R87.5	267.35	26
	SW	SWRBWD090P87.5	243.30	26
	BEND 45°			
	RR	SWRB090R45	187.15	35
	SW	SWRB090P45	149.65	35
	SINGLE TEE Jain			
	RR	SWRST090R	278.05	20
	SW	SWRST090P	260.40	23
	SINGLE TEE WITH DOOR Jain			
	RR	SWRSTWD090R	367.85	16
	SW	SWRSTWD090P	310.70	16
	REDUCING TEE Jain			
	RR	SWRRT09075R	251.30	23
	SW	SWRRT09075P	246.00	23
	REDUCING TEE WITH DOOR Jain			
	RR	SWRRTWD09075R	315.45	15
	SW	SWRRTWD09075P	293.25	15
	NAHANI TRAP (with & without Jali) Jain			
	110 x 90	SWRNTR110090 (with Jali)	285.25	30
	110 x 90	SWRNTRWJ11090 (w/o Jali)	235.25	30
	SINGLE Y Jain			
	RR	SWRSY090R	347.55	16
	SW	SWRSY090P	295.90	16

	Type	Code	Price Rs.	Packing/Box
	SINGLE Y WITH DOOR Jain			
	RR	SWRSYWD090R	368.95	14
	SW	SWRSYWD090P	365.20	14
	REDUCING Y Jain			
	RR	SWRRY09075R	305.45	16
	SW	SWRRY09075P	268.45	16
	REDUCING Y WITH DOOR			
	RR	SWRRYWD09075R	412.25	16
	SW	SWRRYWD09075P	358.30	15
	COUPLER			
	RR	SWRC090R	139.00	60
	SW	SWRC090P	111.70	60
	REDUCER			
	RR	SWRRDR09075R	128.35	75
	SW	SWRRDR09075P	117.60	100
	VENT COWL			
	-	SWRVC090	42.75	230
	PIPE CLIP			
	-	SWRPC090	39.90	250
	NAHANI TRAP (with & without Jali) ID Jain			
	110 x 90	SWRNTR090 (with Jali)	293.9	30
	110 x 90	SWRNTRWJ090 (w/o Jali)	222.45	30

SWR Traps & Accessories

Price in ₹ per Piece

	Dia. mm	Code	Price Rs.	Packing/ Box
	VENT COWL Jain			
	75	SWRVC075	35.30	300
	110	SWRVC110	52.40	135
	160	SWRVC160	127.80	55
	PIPE CLIP Jain			
	75	SWRPC075	40.65	300
	110	SWRPC110	47.05	150
	160	SWRPC160	90.35	100
	DOOR CAP Jain			
	75	SWRDCAP075	85.35	-
	110	SWRDCAP110	99.05	-
	PASS OVER / STEP OVER BEND Jain			
	75	SWRPO075	863.30	Loose
	110	SWRPO110	1259.55	Loose
	BEND WITH LIP RING FOR WC Jain			
	110	SWRWCB110	338.55	18
	WC 18" STRAIGHT CONNECTOR WITH LIP RING Jain			
	110	SWRWCC110	391.65	-
	SOCKET PLUG Jain			
	50	SWRMFTSP050	17.15	-
	75	SWRSP075	53.65	180
	110	SWRSP110	89.85	80
	NAHANI TRAP WITH JALI Jain			
	110 x 75	SWRNTR110075	234.40	32
	110 x 110	SWRNTR110110	295.00	23
	NAHANI TRAP WITHOUT JALI Jain			
	110 x 75	SWRNTRAPWJ11075	195.00	32
	110 x 110	SWRNTRWJ110110	255.00	23
	NAHANI TRAP JALI Jain			
	110	SWRNTJ	32.10	400
	MULTI FLOOR TRAP Jain			
	110	SWRMFT110	238.50	24
	MULTI FLOOR TRAP EXTENDED SEAL Jain			
	110	SWRMFT110WEWS	256.65	20
	MULTI FLOOR TRAP JALI Jain			
	110	SWRMFTJ	42.75	-

	Dia. mm	Code	Price Rs.	Packing/ Box
	STRAINER WITH HOLDER Jain			
	110	SWRMFTJHWJ	115.85	300
	P TRAP LONG Jain			
	110 x 110	SWRPTR110110	533.65	07
	125 x 110	SWRPTR125110	556.10	06
	P TRAP SHORT Jain			
	110 x 110	SWRSPT110110	562.50	09
	125 x 110	SWRSPT125110	594.30	07
	Q TRAP Jain			
	110 x 110	SWRQTR110110	621.35	06
	125 x 110	SWRQTR125110	637.40	07
	S TRAP Jain			
	110 x 110	SWRSTR110110	806.15	04
	125 x 110	SWRSTR125110	644.45	04
	BELL MOUTH TRAP Jain			
	110 x 75	SWRBMTRAP11075	697.80	-
	ROUND GULLY TRAP Jain			
	160 x 110	SWRGTRAP160110	866.25	05
	DOOR TEE WITH SIPHON Jain			
	110 x 40	SWRSDT11040RR	Available on request	
	110 x 50	SWRSDT11050RR		
	SINGLE Y WITH SIPHON Jain			
	110 x 40	SWRSDY11040RR	Available on request	
	110 x 50	SWRSDY11050RR		
	NAHANI TRAP WITH JALI ID BASE Jain			
	110 x 110	SWRNTR110	315.45	23
	NAHANI TRAP WITHOUT JALI ID BASE Jain			
	110 x 110	SWRNTRWJ110	240.65	23

Terms & Conditions

- 1) Prices are effective from 19 November 2021
- 2) Prices are subject to change on day to day basis without notice.
- 3) Prices are exclusive of GST.
- 4) The sale is subject to Company's Standard Warranty.

Do's and Don'ts for SWR Pipes and Fittings

Do's

- Insist to use Jain Rubber Lubricant and solvent cement for making joints.
- Use test plug/socket plug for testing the lines.
- Avoid over tightening of door cap to the fittings wherever required. Make sure that door gaskets are placed properly before tightening.
- Store solvent cement and cleaning fluid in a cool place out of direct sunlight and away from any heat source.
- If stored in the open for long periods or exposed to strong sunlight, cover the pipe lot with opaque sheet cover.

Don'ts

- Do not mix Soil and Waste line without putting water seal trap in between.
- Do not remove rubber rings from pipe and fittings to make solvent joint from the same pipe or fitting. This will lead to heavy leakage.
- Do not use excess solvent cement while jointing. Wipe out the excess solvent cement by dry cloth.
- Do not throw or drop pipes or drag them along hard surfaces.
- Do not insert the pipe into socket of fittings w/o chamfering. This can lead to misplacing of rubber ring and finally leakage in piping.
- Do not install pipe line without properly placed pipe clips. This is required to ensure efficient working of the system.
- Do not use solvent cement that has exceeded its shelf life or has become discolored or jelled.
- Do not remove fittings from carton/packing until required.

Jointing Methods

- a) Cut the pipe square.
- b) Remove burr and bevel : Remove all burr from inside and outside of pipe with knife edge. Chamfer the end of the pipe to 10-15 deg.
- c) Remove surface dirt, grease or moisture with clean dry cloth.
- d) Insert the pipe into the socket w/o seal ring & mark along the pipe when it is fully inserted.
- e) Fix rubber ring in the groove without twisting.
- f) Apply rubber lubricant to chamfer end of the pipe and on rubber ring up to the mark made on spigot.
- g) Push the pipe firmly into the sockets till the gap between the mark on spigot and the socket is about 10 mm to allow for thermal expansion.
- h) For solvent weld joint follow the points a to d. Then apply the recommended solvent cement to the socket and push the pipe firmly in the socket as mentioned in point 'g'.





Installation of Traps




- 1) Select right type of Trap from P/Q/S traps as per the outlet angle required. Place the trap on a firm base. Pour with concrete on a slab and set it relative to the level of finished floor.
- 2) Concrete can be poured around P/Q/S trap but outlet to the trap must be left open clear to concrete.
- 3) Place WC Connector ring to the socketed end of the trap. Apply rubber lubricant on WC connector ring and outer side of WC pan. Join WC pan to Trap by pushing WC pan to 125 mm Socket of Trap.
- 4) Solvent Cement can be used to make joints when 110X110 mm Traps are being used to join connectors other than WC Pan Connection.



uPVC PRESSURE FITTINGS

Price in ₹ per Piece

Item Code	Description	Price per Unit	Packing /Box
PVC Elbow - PN6			
			
PLE063	J-PVC ELBOW (EQUAL) 63MM-LW	55.85	96
PLE075	J-PVC ELBOW (EQUAL) 75MM-LW	83.35	80
PLE090	J-PVC ELBOW (EQUAL) 90MM-LW	133.35	38
PLE110	J-PVC ELBOW (EQUAL) 110MM-LW	239.15	24
PVC Tee - PN6			
			
PLT063	J-PVC TEE (EQUAL) 63MM-LW	79.15	62
PLT075	J-PVC TEE (EQUAL) 75MM-LW	117.5	60
PLT090	J-PVC TEE (EQUAL) 90MM-LW	172.5	30
PLT110	J-PVC TEE (EQUAL) 110MM-LW	349.15	18
PVC Coupler - PN 6			
			
PLC063	Coupler 63 mm LP	40.85	125
PLC075	Coupler 75 mm LP	53.40	95
PLC090	Coupler 90 mm LP	75.85	48
PLC110	Coupler 110 mm LP	131.65	27
PVC Reducers - PN 6			
			
PLRSM06340	Reducer 63 x 40 mm - LP	42.35	264
PLRS06350	Reducer 63 x 50 mm - LP	50.00	245
PLRSM07540	Reducer 75 x 40 mm - LP	50.00	175
PLRSM07550	Reducer 75 x 50 mm - LP	53.40	175
PLRS07563	Reducer 75 x 63 mm - LP	56.50	150
PLRSM09050	Reducer 90 x 50 mm - LP	72.15	96
PLRSM09063	Reducer 90 x 63 mm - LP	83.35	96

Item Code	Description	Price per Unit	Packing /Box
PLRS09075	Reducer 90 x 75 mm - LP	83.35	96
PLRS11040	J-PVC Reducer M/S 110X40 mm-Lwt	153.35	50
PLRSM11050	Reducer 110 x 50 mm - LP	117.50	50
PLRSM11063	Reducer 110 x 63 mm - LP	117.50	50
PLRSM11075	Reducer 110 x 75 mm - LP	125.60	50
PLRS11090	Reducer 110 x 90 mm - LP	125.60	50
PVC "Y" - PN 6			
			
PPWYE063	PVC "Y" 63mm - LP	125.60	35
PPWYE075	PVC "Y" 75mm - LP	168.35	26
PPWYE090	PVC "Y" 90mm - LP	279.15	16
PPWYE110	PVC "Y" 110mm - LP	502.50	8
PVC Cross Tee - PN 6			
			
PLCRT063	PVC Cross Tee 63mm - LP	125.60	45
PLCRT075	PVC Cross Tee 75mm - LP	154.15	24
PLCRT090	PVC Cross Tee 90mm - LP	233.35	16
PLCRT110	PVC Cross Tee 110mm - LP	433.35	8
PVC End Cap (Plain) - PN 6			
			
PLECP063	End Cap (Plain) 63 mm - LP	33.00	225
PLECP075	End Cap (Plain) 75 mm - LP	48.75	120
PLECP090	End Cap (Plain) 90 mm - LP	69.15	96
PLECP110	End Cap (Plain) 110 mm - LP	111.65	55

**WITH OVER 40 YEARS OF EXPERIENCE INDIA'S LEADING PLASTIC PROCESSOR;
RANGE OF UDS PIPES FOR UNDERGROUND DRAINAGE AND SEWERAGE**



Jain Irrigation Systems Limited (JISL), has an unmatched and enviable performance track record as a **Total Solution Provider** for various thermoplastics piping systems such as for Agriculture, Water, Gas, Telecom, Utility, Sewerage, Chemicals, Industrial Effluents, Mining, Slurry, Coal ash, SWR, Sub soil drainage, Ground water tapping, Lift Irrigation, Micro Irrigation & sprinkler irrigation, Hand pumps, House service connections etc. Jain Irrigation Systems Ltd is a diversified entity with turnover in excess of \$ 1.2 Billion. We have a global presence with 33 manufacturing bases spread over four continents. Our products are supplied to 126+ countries with able assistance from 11,000+ dealers and distributors worldwide. With over 5 decades of efforts and presence in the marketplace we have reached over 8.5 million farmers

JISL from its noble range brings to you JAIN PVC Underground Drainage Systems. JAIN'S PVC UDS system is the ideal piping solution for all your Underground Drainage and Sewerage requirement in Residential and Commercial Colonies, Townships, Urban and Rural Sewerage transmission. Jains PVC UDS Piping systems are manufactured as per major national and international standards and parameters.

uPVC UDS Pipe Properties

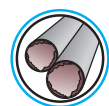
Sr. No.	Property	Test Method	Value	Unit
1	Longitudinal Reversion	IS12235 (Part 5)	+/- 5.0 %	
2	VST	IS 12235 (Part 2)	Min. 79	°C
3	Impact Strength	IS 15328 : 2003	Maximum 10%	TIR
4	Ring Stiffness	IS 15328 : 2003	As Specified	
5	Resistance To Internal Hydrostatic pressure	IS 12235 (Part 8)	Shall not crack, bulge or burst	
6	Joint Internal Hydrostatic pressure Test	IS 15328 : 2003	0.5	bar
7	Joint Internal negative Hydrostatic pressure (Vacuum) Test	IS 15328 : 2003	0.3	bar
8	Resistance to Dichloromethane	IS 12235 (Part 11)	Shall not attack	
9	Opacity	IS 12235 (Part 3)	< 0.2%	
10	Burning Rate	ASTM D635	Self-Extinguishing	
11	Flammability Rating	UL 94	94 V-0	

Nominal Ring Stiffness SN (KN/m2) →		2	4	8
Standard Dimension Ration (SDR) →		51	41	34
Sr. no.	Nominal outside Diameter (MM)	Minimum Wall Thickness (MM)		
1	110	-	-	3.2
2	125	-	3.2	3.7
3	160	3.2	4.0	4.7
4	200	3.9	4.9	5.9
5	250	4.9	6.2	7.3
6	315	6.2	7.7	9.2
7	400	7.9	9.8	11.7
8	500	9.8	12.3	14.6
9	630	12.3	15.4	18.4

Features of UDS Pipe and Fitting Systems

- ◆ Light in weight and strong
- ◆ Uniform wall thickness
- ◆ Inner smooth surface, no blockages
- ◆ Available in solvent weld and EPDM ring fit joints
- ◆ Maintenance free
- ◆ No root intrusion
- ◆ Corrosion proof
- ◆ 100% water tight and free from underground ill effects
- ◆ Easy and quick to install
- ◆ Hygienic and safe
- ◆ Durable
- ◆ Minimizes excavation cost

Salient Features -



Corrosion Resistant



No Electrical tools required



Excellent Earth Load bearing strength



Easy to install



Durability 50+ years



Economical



Always use Jain's **Perma-Fix** Solvent Cement for better Bonding Performance.



Always use Jain's **Perma-Lube** Rubber Lubricant for smoother jointing process in rubber ring joint

uPVC UDS SOCKETED PIPES

IS: 15328



WORKING PRESSURE IN KGF / CM2

Price in Rs. per piece

SR. NO.	OUTSIDE DIA		SN-2KN/M ² SDR-51, PS-S 25		SN-4KN/ M ² SDR-41, PS-S 20		SN-8KN/ M ² SDR-34, PS-S 16.5	
	MM	INCH	ITEM CODE	Price / Mtr.	ITEM CODE	Price / Mtr.	ITEM CODE	Price / Mtr.
1	63	2.0	-	-	-	-	PRDS063SN8INS00600	281.55
2	75	2.5	-	-	-	-	PRDS075SN8INS00600	354.95
3	90	3.0	-	-	-	-	PRDS090SN8INS00600	442.75
4	110	4.0	-	-	-	-	PRDS110SN8INS00600	595.80
5	125	4.5	-	-	PRDS125SN4INS00600	679.95	PRDS125SN8INS00600	794.95
6	160	6.0	PRDS160SN2INS00600	878.25	PRDS160SN4INS00600	1089.20	PRDS160SN8INS00600	1273.00
7	200	8.0	PRDS200SN2INS00600	1356.30	PRDS200SN4INS00600	1686.75	PRDS200SN8INS00600	2013.65
8	250	10.0	PRDS250SN2INS00600	2128.65	PRDS250SN4INS00600	2661.05	PRDS250SN8INS00600	3130.05
9	315	12.0	PRDS315SN2INS00600	3464.10	PRDS315SN4INS00600	4281.70	PRDS315SN8INS00600	5090.25
10	400	16.0	PRDS400SN2INS00600	6018.35	PRDS400SN4INS00600	7412.65	PRDS400SN8INS00600	8793.45
11	500	20.0	PRDS500SN2INS00600	11737.80	PRDS500SN4INS00600	14596.25	PRDS500SN8INS00600	17259.05
12	630	24.0	PRDS630SN2INS00600	19283.60	PRDS630SN4INS00600	24159.25	PRDS630SN8INS00600	28622.95

uPVC UDS RRJ PIPES

SR. NO.	OUTSIDE DIA		SN-2KN/M ² SDR-41, PS-S 20		SN-4KN/ M ² SDR-41, PS-S 20		SN-8KN/ M ² SDR-34, PS-S 16.5	
	MM	INCH	ITEM CODE	Price / Mtr.	ITEM CODE	Price / Mtr.	ITEM CODE	Price / Mtr.
1	63	2.0	-	-	-	-	PRDS063SN8INR00600	287.20
2	75	2.5	-	-	-	-	PRDS075SN8INR00600	362.05
3	90	3.0	-	-	-	-	PRDS090SN8INR00600	451.60
4	110	4.0	-	-	-	-	PRDS110SN8INR00600	607.70
5	125	4.5	-	-	PRDS125SN4INR00600	693.55	PRDS125SN8INR00600	810.85
6	160	6.0	PRDS160SN2INR00600	895.80	PRDS160SN4INR00600	1111.00	PRDS160SN8INR00600	1298.45
7	200	8.0	PRDS200SN2INR00600	1383.45	PRDS200SN4INR00600	1720.50	PRDS200SN8INR00600	2053.90
8	250	10.0	PRDS250SN2INR00600	2171.20	PRDS250SN4INR00600	2714.25	PRDS250SN8INR00600	3192.65
9	315	12.0	PRDS315SN2INR00600	3533.40	PRDS315SN4INR00600	4367.35	PRDS315SN8INR00600	5192.05
10	400	16.0	PRDS400SN2INR00600	6138.70	PRDS400SN4INR00600	7560.90	PRDS400SN8INR00600	8969.30
11	500	20.0	PRDS500SN2INR00600	11972.55	PRDS500SN4INR00600	14888.20	PRDS500SN8INR00600	17604.25
12	630	24.0	PRDS630SN2INR00600	19669.25	PRDS630SN4INR00600	24642.45	PRDS630SN8INR00600	29195.40

SN : Nominal Ring Stiffness: SDR:Standard Dimension Ratio S:Pipes Series

Notes

- Prices are effective from **19 November, 2021**.
- Prices are subject to change on day to day basis without notice.
- Prices are exclusive of GST.
- Pipes will be supplied in 6 Mtr.effective length.
- Availability of Pipes should be confirmed with Head Office in advance.
- 5% more price will be charged in those sizes where quantity is less than 5 MT/ size.
- We recommended the use of Perma Fix Solvent Cement/ Perma Fix Rubber Lubricant.
- When you deal with us it is assumed that you have understood and accepted our **General Terms and Conditions***.

PERMA - FIX

SOLVENT CEMENT - PERMAFIX			
Normal Grade			
Packing	Code	Price / Tin in ₹	Box Packing
50 ML	PPF050MLTIN	95.00	150
100 ML	PPF100MLTIN	135.00	100
250 ML	PPF250MLTIN	250.00	48
500 ML	PPF500MLTIN	440.00	20
1 LIT	PPF1LTIN	810.00	10
5 LIT	PPF5LTIN	3895.00	4
Special Grade			
1 LIT	PFSP1LTIN	1055.00	10
5 LIT	PFSP5LTIN	5195.00	4



RUBBER LUBRICANT - PERMA LUBE			
Packing	Code	Price / Can in ₹	Box Packing
050 GMS	SWRRL050	45.85	90
100 GMS	SWRRL100	64.55	48
250 GMS	SWRRL250	140.05	40
500 GMS	SWRRL500	229.55	20



PRIMER		
Packing	Code	Price / Can in ₹
1 LIT	PRIADLV1LTIN	443.45



Notes

- Prices are ex factory Jalgaon effective from 19 November 2021.
- Prices are subject to change on day to day basis without notice.
- GST extra.
- The price list Supersedes all our earlier price list.
- The sale is subject to Company's Standard Warranty.
- Solutions will be supplied in standard box packing only.
- Subject to Jalgaon Jurisdiction.
- The Company reserves the right to dispatch the material in best available mode.



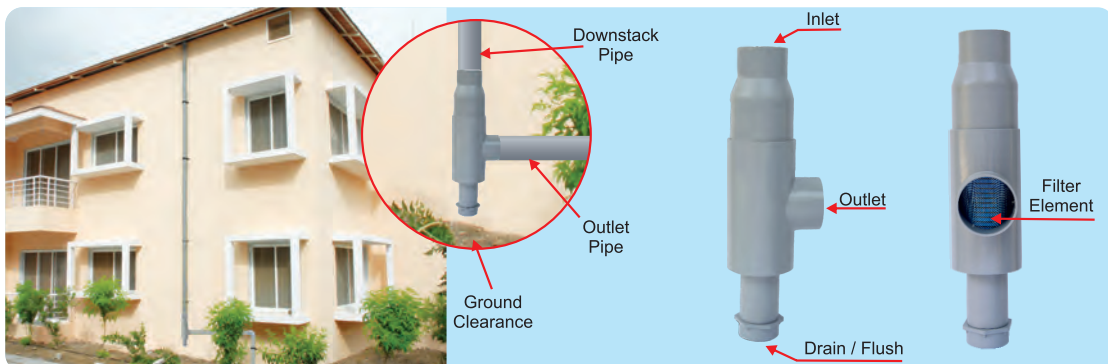
Jain Filtrain – Rain Water Filter Assembly

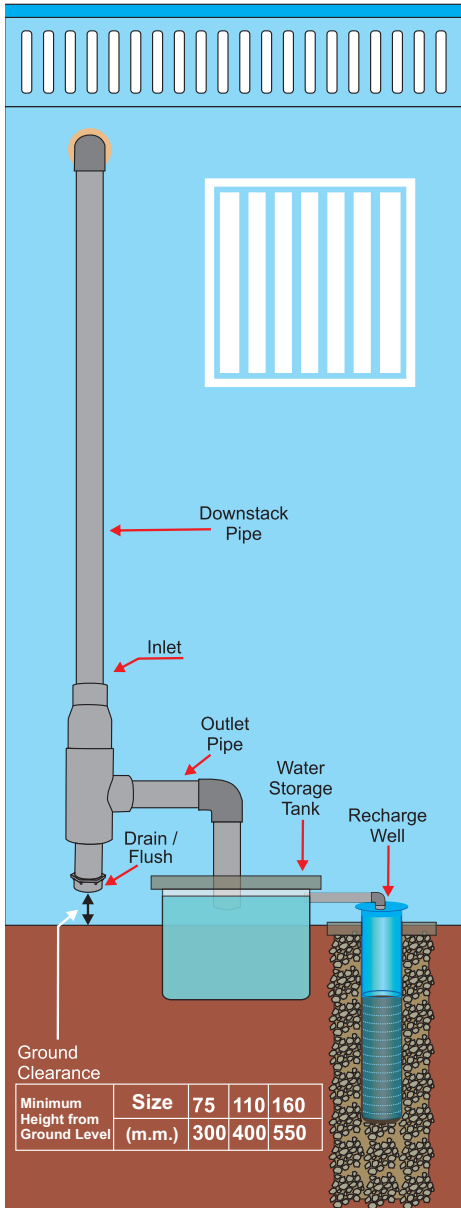
Rain Water Harvesting – In the current scenario rain water collection for reuse and replenishment of depleting underground water table is of utmost importance. We have to face the reality that water as a resource is getting scarce and it is the primary responsibility of each one of us to use water smartly and judiciously. From the multiple solutions available to take care of this liability the simple method is to harvest rain water from residential and commercial building terrace.

By this method it is possible to channelize rain water to recharge any deep pit, open well, borewell, open unused mine, lake etc. using a pipeline and Jain Filtrain. This helps in increasing the underground water table level. Water collected by this method is available for immediate use for applications like landscaping (irrigating gardens/lawns), residential non-potable consumption (washing/ cleaning/ cooling/ sports). Post water treatment it is also available for thirst fulfilment of living beings in the form of potable (drinking) water. Long term collection is primarily to refill the existing water storage resources.

Pipes, fittings and Jain Filtrain Filter System along with water storage facilities like tanks, wells and soak-pit (recharge well) are required for rain water harvesting from the residence terrace.

Jain Irrigation is a familiar and well-known name in the water and energy conservation industry. We are quite pleased to introduce the new product Jain Filtrain Rain Water Harvesting Filter. This product gives added benefit of water collection from terrace and accumulation along with the piping system and storage facility. Jain Filtrain is easy to operate and maintain.





Size and Range

Jain Filtrain Rain Water Harvesting Filter is available in 3 sizes. According to the pipes used for channelling rain water accumulated at the terrace, **Jain Filtrain** is available in sizes 75 mm, 110 mm and 160 mm diameter.

Jain Filtrain Rain Water Harvesting Filter's Salient features and benefits

- Simple construction / assembly
- Trouble free installation and maintenance
- Free of electric supply
- Easy to use and operate / manage
- Compact and handy
- Operates on minimal gravitational force / pump head

Installation of Jain Filtrain

Rain water from terrace passes through **Filtrain**. The inlet of **Filtrain** connects to the end of the down take pipe from the terrace. **Filtrain** outlet connects to the storage tank / recharge well / top of the open well / storage utility. During the initial / first rainfall the tree leaves/twigs/trash accumulated at the terrace is likely to enter and settle inside the Filtrain/pipe. The end cap at the bottom of the **Filtrain** can be unscrewed to drain down/out the dirty water away from the water storage facility. The screen element of **Filtrain** can be removed, cleaned and reassembled for restarting the **Filtrain** operation. The **Filtrain** can be assembled with the pipe along the vertical residence wall and enough ground clearance is also essential as depicted in the adjoining sketch to remove clean and reassemble the filter element from **Filtrain**.

Product Details Filtrain			
Sr. No.	Size, MM	Total Filtrain, M ³ /Hr.	Capacity, Liters/Hr.
1	75	16	16000
2	110	40	40000
3	160	80	80000

* At 1.0 Kg/cm² Pressure

Rain Water Harvesting Potential for Different Roof Sizes

Roof Area	Total Rain Water Available*	Roof Area	Total Rain Water Available*
Sq. Feet	Liters	Sq. Feet	Liters
500	26047	3000	156282
1000	52094	3500	182329
1500	78141	4000	208376
2000	104188	4500	234423
2500	130235	5000	260470

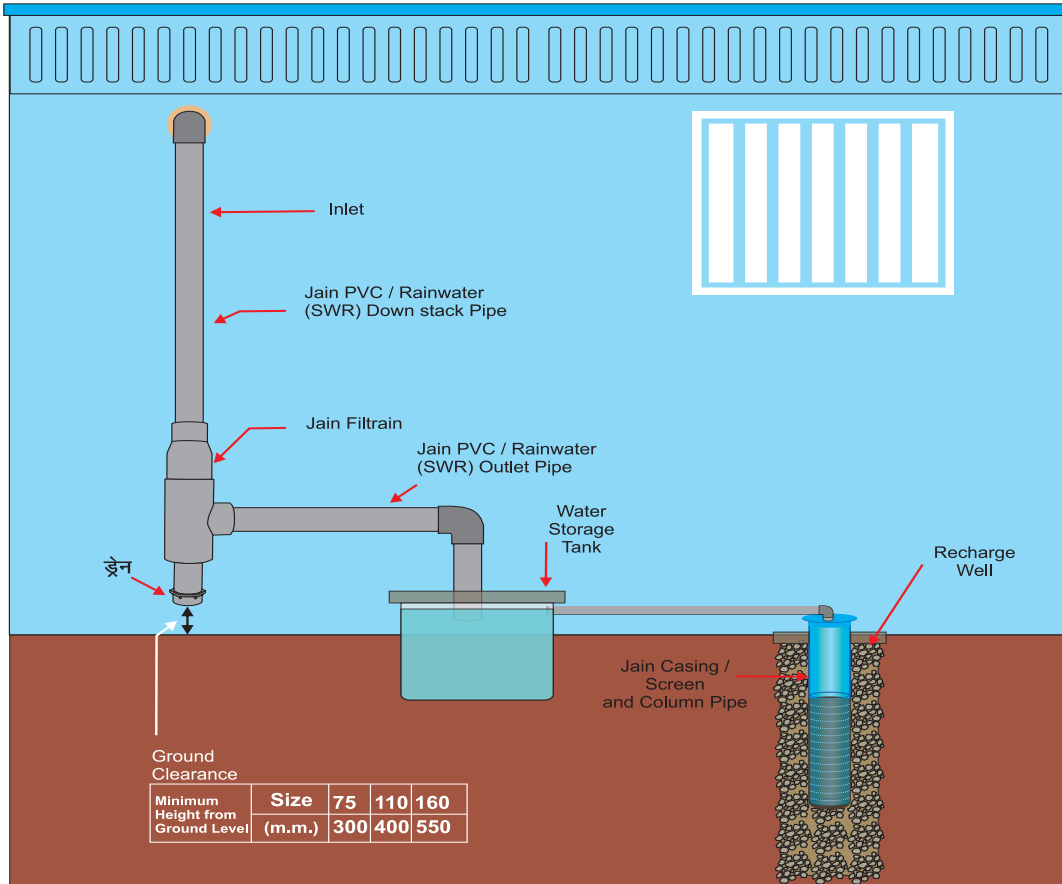
* Avg. Annual Rainfall = 700 mm * Run off Coefficient = 0.8



Jain Auto Drain Valve

Use a Jain Auto Drain Valve at bottom of filtrain in place of bottom cap. This auto drain valve relieves the water when pressure in the system reaches 0.1 to 0.15 kg/cm² and prevents the terrace from flooding.

TYPICAL RAIN WATER HARVESTING INSTALLATION



Product Details Filtrain

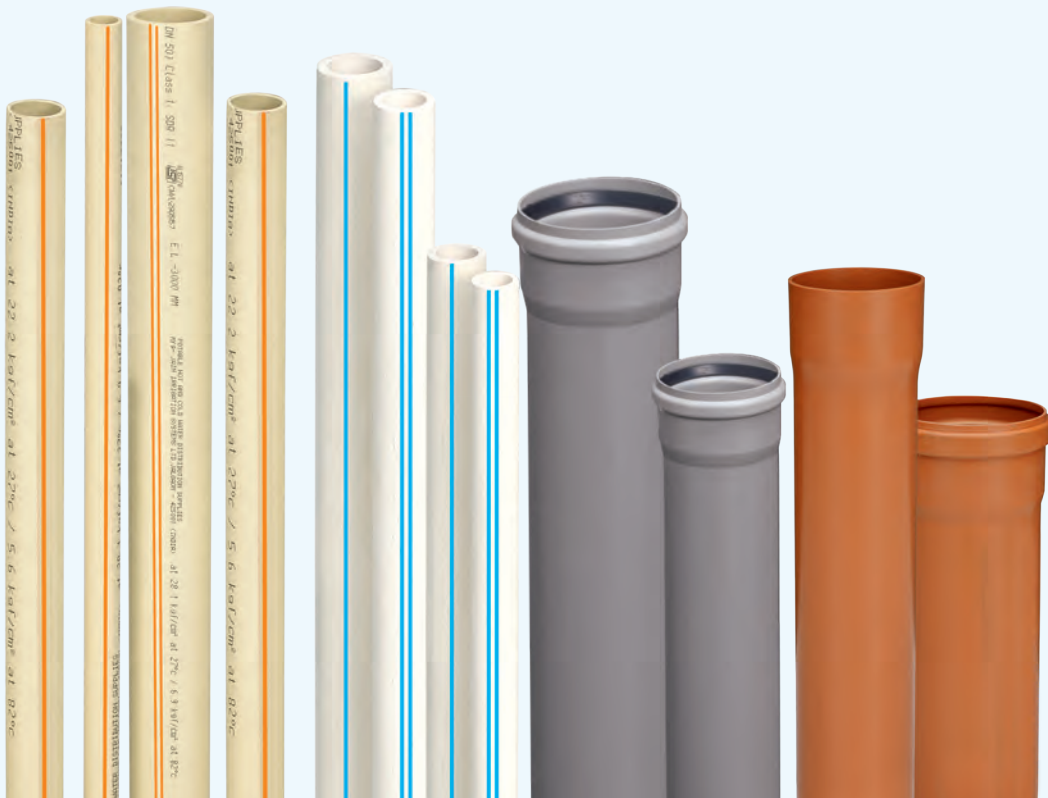
Sr. No.	Size, MM	Total Filtrain, M ³ /Hr.	Capacity, Liters/Hr.
1	75	16	16000
2	110	40	40000
3	160	80	80000

* At 1.0 Kg/cm² Pressure

Sr. No.	Size	Code	Specification	Unit	Price (₹)
Jain Filtrain with Polypropylene Ball Valve					
1	75	FILTRAIN075PPBV	JAIN FILTRAIN-RWH FILTER 75 MM PPBV	Nos	3546.05
2	110	FILTRAIN110PPBV	JAIN FILTRAIN-RWH FILTER 110 MM PPBV	Nos	6021.85
Jain Filtrain with End Cap					
1	75	FILTRAIN075	JAIN FILTRAIN-RWH FILTER 75 MM WITH EC	Nos	3211.65
2	110	FILTRAIN110	JAIN FILTRAIN-RWH FILTER 110 MM WITH EC	Nos	5389.15
3	160	FILTRAIN160	JAIN FILTRAIN-RWH FILTER 160 MM WITH EC	Nos	13941.80
Spanner for End Cap					
1	75	FILTRAINSPANNER075	SPANNER FOR FILTRAIN 75 MM	Nos	428.10
2	110	FILTRAINSPANNER110	SPANNER FOR FILTRAIN 110 MM	Nos	428.10
3	160	FILTRAINSPANNER160	SPANNER FOR FILTRAIN 160 MM	Nos	441.85
Drain Valve					
1	75	FILDRAINVALVE075	FILTRAIN DRAIN VALVE 75 MM	Nos	1495.80
2	110	FILDRAINVALVE110	FILTRAIN DRAIN VALVE 110 MM	Nos	1538.75

Terms & Conditions

- 1) Prices are ex factory Jalgaon effective from 19 November 2021
- 2) Prices are subject to change on day to day basis without notice.
- 3) GST extra.
- 4) Unless agreed / consented by JISL in writing, the goods supplied shall be as per the specification / quality of JISL and the JISL Laboratory test certificate of quality shall be the basis of acceptance.
- 5) Payments should be made by the way of RTGS/NEFT or crossed DD drawn in favour of "Jain Irrigation Systems Ltd.," payable at Jalgaon.
- 6) Goods once sold will not be taken back or exchanged by JISL.
- 7) Interest at the rate of 16% per annum will be charged for all outstanding amount beyond agreed terms and shall be payable by the customer to JISL for period of delay in payment for goods.
- 8) The sale is subject to Company's Standard Warranty.
- 9) Fittings will be supplied in standard box packing only & Order quantity should be in multiples of packing lots.
- 10) We recommend the use of Perma-Fix solvent cement for better performance.
- 11) When you deal with us it is assumed that you have understood and accepted our General Terms and Conditions*
- 12) Prices prevailing on the date of dispatch will be applicable for all orders including orders placed with advance.
- 13) All goods are delivered ex-factory ex-depot on Customers risk and responsibility, any kind of breakage in transit or short delivery will be to the customers account.
- 14) Company reserves the right to despatch the material in best available mode.
- 15) Subject to Jalgaon Jurisdiction.



Comprehensive Range of PVC Piping Systems



Jain uPVC Solvent-Weld & Quick Fix™ Piping System

Range

Ø 16 to 630 mm
Pressure Rating 2.5 to 25 kgf/cm²
SCH 40, 80 & 120

Standards

IS 4985, DIN 8061/62,
IS 12231, IS 9537, IS 14787,
AS/NZS 1477, IS 532, ISO 1452-2, PNS 65
ASTM D 1785, ASTM D 2241

Applications

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



Jain uPVC Injection Moulded & Fabricated Fittings

Range

Injection Moulded Fittings

Ø 20 to 200 mm up to 10 kgf/cm² Pressure Rating

Fabricated Fittings

Ø 20 to 630 mm / Pressure Rating up to 16 kgf/cm²

Standard

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



Jain uPVC Well Casing and Screen piping System

Range

Ø 42 to 630 mm
For well depth up to 450 meters.
Also available in over burden series
Plain & Ribbed Screen
Slot Size 0.2mm to 3mm
Class: Shallow, Medium & Deep

Standard

IS 12818, DIN 4925, ASTM D 1785, ASTM D 2241, ASTM F 480 Company Standard Lead & tin free available on demand

Applications

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



Jain uPVC Sure-Loc Plus Column, Thread Loc Plus Column Pipe and Riser Pipes

Range

Sure Loc Plus Column Pipe-

35 to 200 mm NB

Thread Loc Plus Column Pipe-

25 to 100 mm NB

Riser Pipe-

42 mm to 75 mm OD

Standards

ASTM D1785, "Company standard"

Applications

- Suitable for submersible Pump Column Pipes
- Agriculture Pumpset - Sunset/Delivery Pipes in Tube & Bore Wells
- Potable Pumping Systems

India's Largest Range of PE Piping Systems



Jain Polyethylene (PE) Piping System

Range

Ø upto 2500mm dia.
Pressure Rating 2.5 to 25 kgf/cm²
Also available with tracer for easy detection

Standards

IS 4984, ISO 4427, BS EN 12201, DIN 8074 / 75 IS 14151

Length

Available in straight lengths of 6/12 meters for all sizes and in coils upto 160mm OD size.

Material Grade

• PE-63 • PE-80 • PE-100, PE-RT

Applications

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



Jain PE Injection Moulded & Fabricated Fittings

Range

Compression Fittings - Ø 20 to 110 mm up to 16 kgf/cm²

Moulded Fittings - Ø 40 to 2000mm, upto 16 kgf/cm²

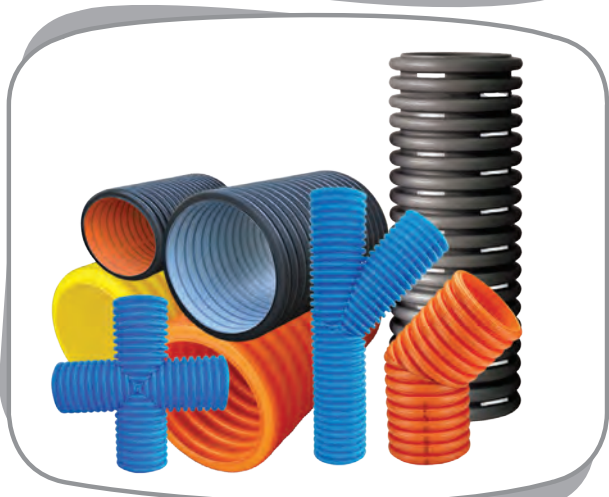
Electro Fusion Fittings - Blue ■ & Black ■ Ø 20 to 355mm, upto 16 kgf/cm²

Fabricated Fittings- Ø 20 to 2000 mm upto 16 kgf/cm²

Standard

PE Moulded Fittings - IS 8008, ISO 14236, Company

Fabricated Fittings - IS 8360, Company



B-Sure PE Corrugated Piping System

Range

Single/ Double Wall Corrugated (SWC/DWC) - OD/ID (mm)

Ø 63/52, 75/62, 90/77, 120/106, 125/103, 180/153, 200/173, 250/215mm

Double Wall Corrugated (DWC) - Nominal Internal Dia. (mm)

Ø 75, 100, 135, 150, 170, 200, 250, 300, 400, 500 mm

Available in SN-4 and SN-8 with integral socket

Standard

IS 16205 Part 24, IS 16098 (part 2), TEC GR No. GR/DWC-34-01 SEP 2007, EN 13476-3:2007(E)

Length

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

Applications

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



Jain PE Drinking Water Distribution & House Service Connection Piping System

Range

Ø 20 to 2500 mm dia
Pressure Rating - 2.5 to 25 kgf/cm²

Standard

IS 4984, ISO-4427, BS EN 12201

Length

Available in straight lengths of 6/12 meters for all sizes and in coils upto 160 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

Comprehensive Range of Sustainable Building Products



Jain Landscape & Turf Irrigation

Models

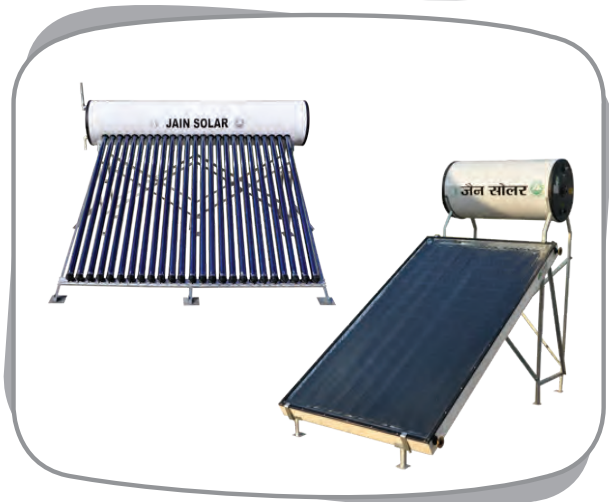
Acurain PopStar Plus, Acurain PopUp 805, Acurain 427 B, Acurain 525

Discharge: 170 to 1270 lph

Recommended Pressure: 2 to 4 kg/cm²

Applications

- For public lawns, Parks and Private Gardens
- Residential Gardens
- Recommended for Irrigation of field edges
- Small public areas



Jain Solar Water Heating Systems

Models

Evacuated tube Collector Type

Jain Sunbright and Jain Sunlight with open loop

Flat Plate Collector type

Jain sunglow and Jain Sunrise with open loop & close loop

Capacity: 100, 125, 200, 250, 300, 375, 500 & upto 2500 LPD

Available in MS and SS tank

Application

- Residential and Commercial water heating
- Industrial water heating Systems
- High Rise Buildings
- Townships water heating systems



Jain Solar Roof-Top Power Generation

Range

On Grid System with net metering- 1 to 1000 KW

PV Module - 10 to 335 Wp

Inverter- From 1kW and above (1 & 3 phase)

Mounting Solutions

Roof top, Terrace top, Elevated structure, Car ports

Standards

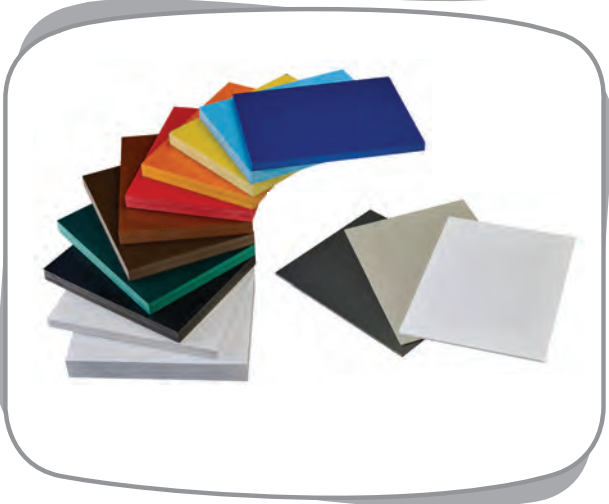
BIS approved, IEC 61215 (ED-2), IEC 61701, IEC-61730 (part I & II), IEC - 62109, 61683, 60068, 61727, 62116

Features

- Lower per unit cost of electricity
- Lowest Maintenance Cost
- Can Run inductive Loads/Ac

Application

- Residential • Commercial • Industrial



Jain Ex-CEL PVC Sheet

Free Foam Sheet

Thickness: 1 to 32 mm

Available in 16 plus Colours

Integral Foam Sheet

Thickness: 8 to 30 mm

Available in 16 plus Colours

Rigid Sheet

Thickness: 2 to 12.7 mm

Applications

False Ceilings, Wall Paneling & Partitions, Doors, Windows, Interior Furniture, Shutters, Switch Boards, Ventilation Duct, Industrial Application etc.

STANDARDS & CERTIFICATIONS

IS : 15778 : 2007



CM/L-2905157

For cPVC Pipes
(15-50mm)

ASTM F 441

For SCH 40 & SCH 80 Pipes

For cPVC Pipes
(65-150mm)

ASTM D 2846

For SDR 11 Fittings

For cPVC Fittings
(15-50mm)

ASTM F 439

For SCH 80 Fittings

For cPVC Fittings
(65-100mm)

ASTM D 1785

For SCH 40, 80 & 120 Pipes

For uPVC Plumbing
Pipe

ASTM D 2467

For SCH 80 Fittings

For uPVC Plumbing
& Fittings

IS 4985:2021



CM/L-0971867

For PVC Plumb Pipes

IS 7834:1987



CM/L-7391177

For PVC Plumb Fittings

IS : 13592 : 2013



CM/L-7688608

For SWR Pipes

IS : 14735 : 1999



CM/L-7726788

For SWR Fittings

IS : 15328 : 2003



CM/L-7654890

For UDS Pipes



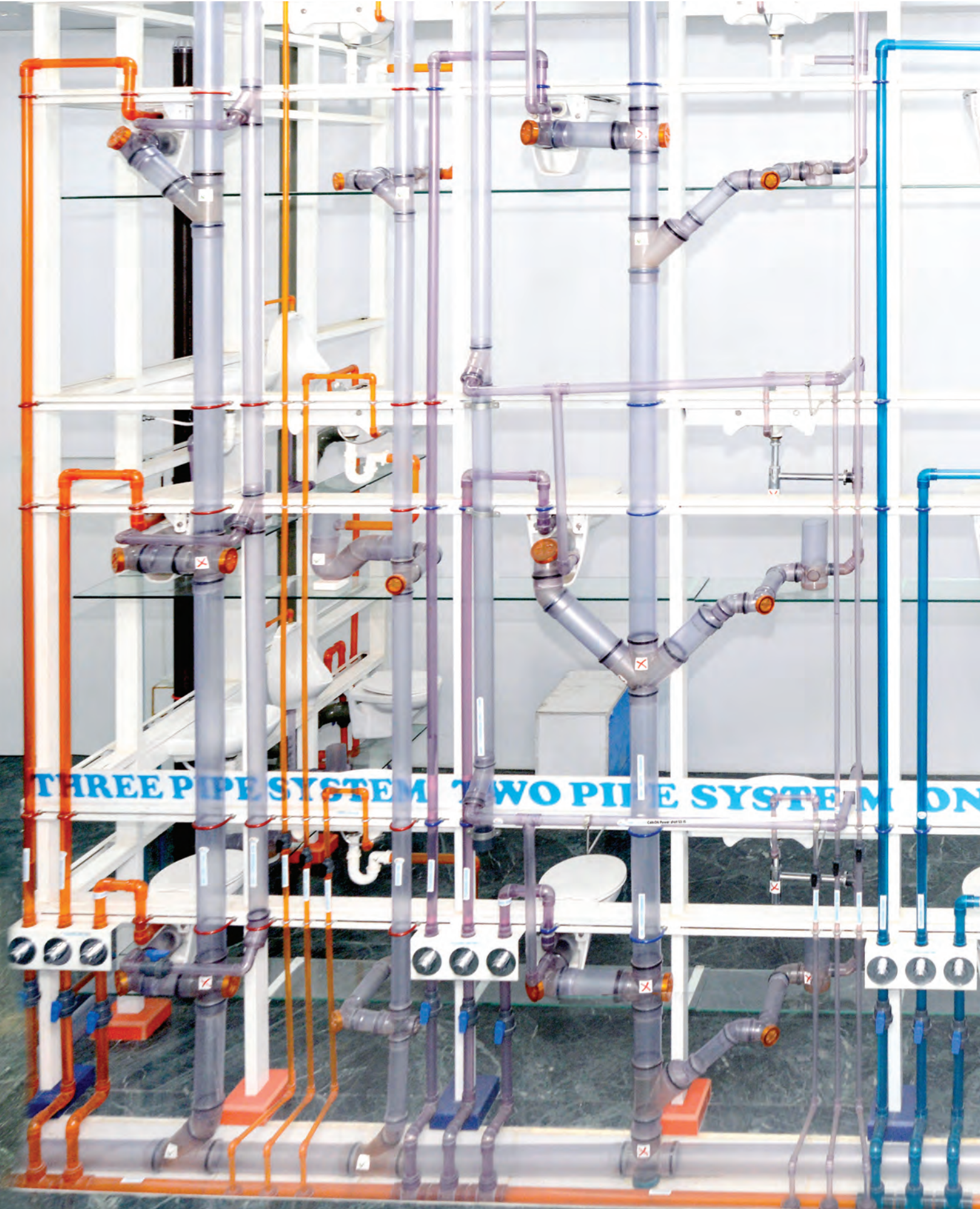
Quality is way of Life

ISO 9001:2015
ISO 14001:2015
ISO 45001 : 2018
ISO 50001 : 2018
Jain Pipe Division

Approvals / Prestigious Clients

◆ MES ◆ MAP ◆ Vikram Sarabhai Bhavan (BARC) ◆ ISRO ◆ ITDC ◆ GAIL ◆ NTPC ◆ NPCIL
◆ BSNL ◆ MCGM ◆ IIM ◆ IIT ◆ GHB ◆ DDA ◆ PHB

Jain Plumbing Lab at Dnyanalaya, Plastic Park, Jalgaon



THREE PIPE SYSTEM TWO PIPE SYSTEM

Our Brand Equity



Micro Irrigation Systems, Equipment & Agri Inputs



Plastic Products



Green Energy Products



Food Products



Social Profile



Comprehensive Range of Plumbing Piping Systems Where Quality Meets Durability!

CPVC Piping System

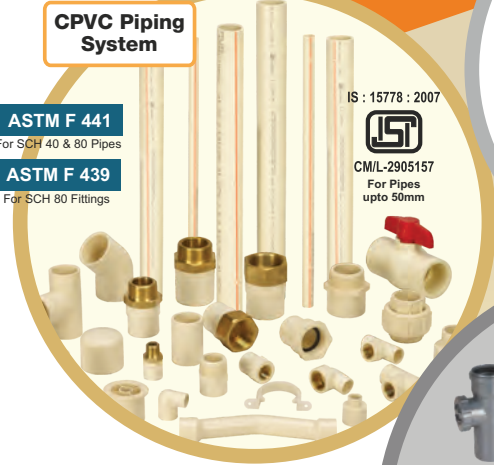
ASTM F 441
For SCH 40 & 80 Pipes

ASTM F 439
For SCH 80 Fittings

IS : 15778 : 2007



CML-2905157
For Pipes upto 50mm



uPVC ASTM Piping System

ASTM D 2467
For SCH 80 Fittings

ASTM D 1785
For SCH 40, 80 & 120 Pipes

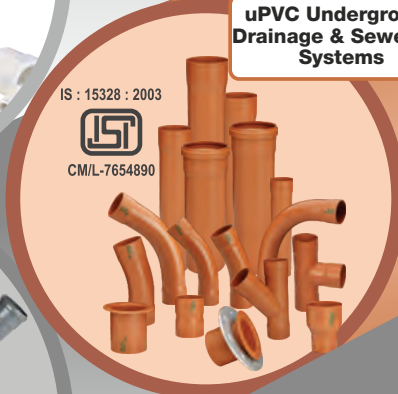


uPVC Underground Drainage & Sewerage Systems

IS : 15328 : 2003



CML-7654890

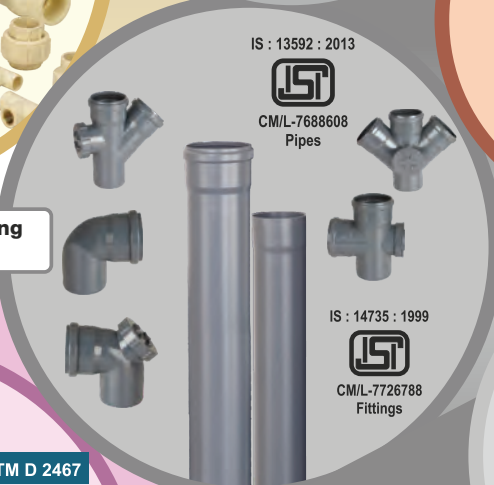


SWR Piping System

IS : 13592 : 2013



CML-7688608
Pipes



IS : 14735 : 1999



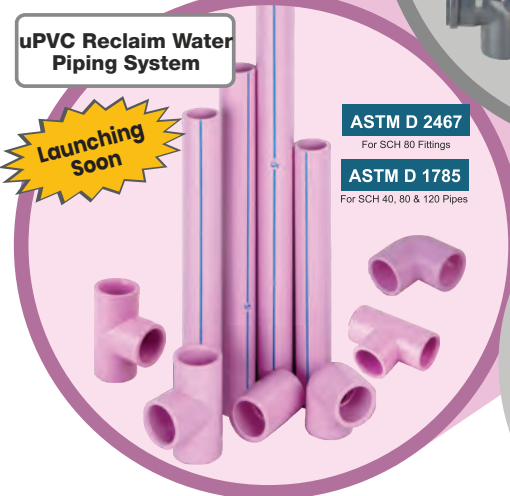
CML-7726788
Fittings

uPVC Reclaim Water Piping System

Launching Soon

ASTM D 2467
For SCH 80 Fittings

ASTM D 1785
For SCH 40, 80 & 120 Pipes



Jain Filtrain Rain Water Harvesting Filter

Available in 75, 110, 160mm



IS:7834:1987

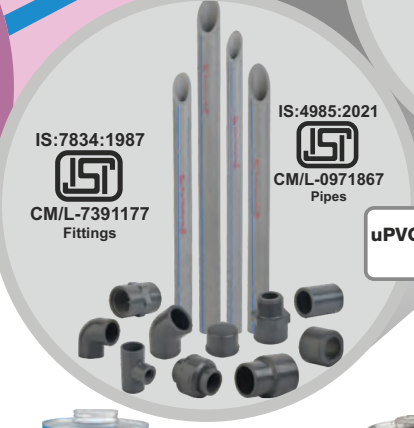


CML/L-7391177
Fittings

IS:4985:2021



CML/L-0971867
Pipes



uPVC Plumbing Piping System



Always use
Jain's Perma-Fix - CPVC



Always use
Jain's Perma-Fix - UPVC



Always use
Jain's Perma-Fix



Always use
Jain's Perma-Lube



JAINS
All Mobile App



Jain Irrigation Systems Ltd.
Small Ideas. Big Revolutions.



Install Peace of Mind!



JAINS
Website

Toll Free No: 18005992000, E-mail: plumbing@jains.com,

Website: www.jains.com; [@Jain Plumbing](https://twitter.com/Jain_Plumbing)