

Supreme[®]
People who know plastics best

uPVC Soil, Waste and Rain water (S.W.R.) drainage system



Supreme industries have evolved to become an undisputed leader in India's plastics industry, with valuable experience in providing innovative and cost effective piping solution. It is the name synonymous with quality, innovation and service is a trend setter in plastic piping system in India. Company's objective is to meet the growing needs of the customers in water, waste management and infrastructure sector through specially developed high performance piping range. The Supreme comprehensive and exclusive range of plastic pipe systems are designed and manufactured to meet the highest standards set by the building and construction industry across the world. Supreme has, no doubt, brought about a revolution in the Indian plastics pipe industry.

The **SWR Drainage System** is the result of Supreme's pioneering research, and was the first such PVC system in India, which has successfully replaced CI. It enables fast and efficient removal of waste without blockage and leakage. Its high impact strength, chemical and corrosion resistance, long life and virtually zero maintenance explain, why it continues to be the preferred brand of architects and builders everywhere. Today PVC SWR drainage system has totally eliminated use of CI and Asbestos cement products from housing sector.



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A view of advanced injection moulding unit



A view of advanced pipe plant



Water conservation at Gadegaon

A mega project at Gadegaon



THE SUPREME INDUSTRIES LTD. (Plastic Piping Division)

1161/1162, Solitaire Corporate Park, Building No. 11, 167,
Guru Hargovindji Marg, Chakala, Andheri Ghatkopar Link Road,
Andheri (East) Mumbai - 400 093, India.
Tel: 91-22-6771 0000, 4043 0000 • Fax: 6771 0099 / 4043 0099
• Works : Unit No. 3, Gal No. 47-48, at post Gadegaon, Tal - Jambur, Dist - Jalgaon.
• Works : D-101/102, M.I.D.C., Jalgaon - 425 003 India
• Website : <http://www.supreme.co.in> • e-mail: pvc-pipes@supreme.co.in
• Export Division: 91-22-6771 0126 / 4043 0126 Fax: 6771 0130

Branch Offices :

• Ahmedabad	Tel : 079 - 2768 1361	Fax : 2768 0043
• Bangalore	Tel : 080 - 2667 3175	Fax : 2667 3014
• Chennai	Tel : 044 - 4203 0604, 4203 0660	Fax : 4213 2809
• Cochin	Tel : 0484 - 2385345	Fax : 2385345
• Hyderabad	Tel : 040 - 99499558	Fax : 2332 1120
• Indore	Tel : 0731 - 2432 684	Fax : 2432 684
• Jalpur	Tel : 0141 - 3208 129	Fax : 2332 134
• Jalgaon(Jalgaon)	Tel : 0257-3050541,42,43	Fax : 3060011
• Kanpur	Tel : 0512 - 2332 278	Fax : 2332 278
• Kolkata	Tel : 033 - 2485 8637, 2485 8639	Fax : 2485 8638
• New Delhi	Tel : 011 - 2641 8153, 2641 3729	Fax : 2641 3174

Authorized Distributor

I & T SIL JALGAON

PC/SW/RR/KG/03
REV:08/10/2008

The System

The Supreme S.W.R. drainage system is designed for quick and efficient removal of waste without leakage. It is highly resilient, tough and durable with high tensile strength and high impact strength. Moreover it is free from scale formation, rusting, weathering and chemical action. It is virtually immune to attack by bacteria, fungi and other microorganisms and insects. The system is suitable for outdoor application as it is UV-stabilized and hence lasts for life time. Due to this the minimum estimated life of the system is 50 years, hence the system is a long term solution for building drainage. In addition to various benefits this system is more cost effective than any conventional drainage system. Pipes conform to ISI-15392-92 whereas the fittings conform to ISI-14735-99 and are made to international standards.

A comprehensive range of products are offered in 75, 90, 110 and 160 mm in rubber ring, click ring and pasting type. Various traps and special fittings make the system complete in all respects.

Features at a glance

- High standards and wide range
- Stronger, resilient and longer lasting
- Excellent chemical and corrosion resistance
- Mirror smooth bore -
High flow rates - No choking
- Quick and convenient installation
- Adequate and easy access for cleaning and clearing obstructions
- UV-stabilized, Elegant and cost effective
- Least maintenance

High Performance Joints:

Supreme "Click ring" type fittings are designed in such a way that there remains no possibility of leakage. Joints remain 100% leak proof even under extreme conditions and hence these are most suitable for multi-storey buildings.

High flow rates - No choking

Superior flow characteristics are ensured by the mirror smooth, restriction free inner surface of Supreme SWR pipes and fittings. This system is totally free from problems of clogging and drain choke up.

High Quality Standards

Systematic quality planning in the development of processes and products, quality assurance in the selection, procurement of raw materials, use of latest testing equipments and a comprehensive quality control in production process provide consistent superior quality to Supreme piping products. The entire setup is accredited with ISO 9001:2000 quality management system.

Our world-class laboratory is well equipped to carry out the various tests as per National and International standards.

Quick and convenient installation

Being extremely light in weight and provided with special rubber jointing technique, installation procedure becomes much easier. Jointing can be done in seconds time with a specially designed rubber rings which virtually eliminates the leakage possibility. Cleaning becomes easier as the system is provided with unique cleaning arrangement consisting of threaded door caps. Therefore the problem of opening and closing of rusted nuts and bolts on conventional cleaning plug is totally eliminated.

PIPES

Pipes conform to IS 13592-1992



Nominal outside diameter (D) mm	Tolerance on outside diameter mm	Wall Thickness-Type-A (t) mm		Wall Thickness-Type-B (t) mm		Wall Thickness-Sufa (Non-standard) (t) mm	
		Min.	Max.	Min.	Max.	Min.	Max.
40	+0.3	1.8	2.2	3.2	3.8	-	-
50	+0.3	1.8	2.2	3.2	3.8	-	-
63	+0.3	1.8	2.2	3.2	3.8	-	-
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

NOTE : As per IS 13592-1992 TYPE A pipes are recommended for use in ventilation pipe work and rain water application and TYPE B pipes are recommended for use in soil and waste discharge system.
Pipes are available in 2, 3, 4, 6 and 10 feet lengths in single and double sockets in all sizes.

FITTINGS

DIMENSIONS ARE AS PER DIN 19531 AND DIN 19534 AND CONFORMS to IS : 14735-99. Rubber Ring Conforms to IS:5382

Size	Socket Type
50	RxR
75	RxR
90	RxR
110	RxR
75	CRxCR
110	CRxCR
160	CRxCR
200	CRxCR
75	SxS
90	SxS
110	SxS
160	SxS

Coupler

Repair Coupler (without central register) is also available in 75 and 110mm, both in RxR and Pasted type.

Size	Socket Type
50	RxRxSpg
75	RxRxSpg
90	RxRxSpg
110	RxRxSpg
75	CRxCRxSpg
110	CRxCRxSpg
160	CRxCRxSpg
75	SxSxSpg
90	SxSxSpg
110	SxSxSpg
160	SxSxS

Single Tee

This product is also available in economy "Sufa" range in 75 and 110mm in RxR socket type.

Size	Socket Type
75	RxSpg
110	RxSpg

Connecting Coupler (RxS)

Size	Socket Type
50	RxRxSpg
75	RxRxSpg
90	RxRxSpg
110	RxRxSpg
75	CRxCRxSpg
110	CRxCRxSpg
160	CRxCRxSpg

Size	Socket Type
110 x 75	SpgxR
160 x 110	SpgxR

Eccentric Reducer

Size	Socket Type
50	SxSxS
63	SxSxS
75	SxSxSpg
90	SxSxSpg
110	SxSxSpg

Single Tee with Door

This product is also available in economy "Sufa" range in 75 and 110mm in RxR socket type.

	Size	Socket Type
	110x75	RxRxSpg
	160x110	CRxCRxSpg

Reducing Tee

	Size	Socket Type
	160x75 160x110	RxRxSpg RxRxSpg

Reducing Tee with Door

This product is also available in economy "Sufia" range in 110x75mm with socket type RxRxSpg




	Size	Socket Type
	75 110	RxRxRxSpg RxRxRxSpg
	160	CRxCRxCRxSpg

Cross Tee

This product is also available in economy "Sufia" range in 110x75mm with socket type RxRxSpg

	Size	Socket Type
	75 110	RxRxRxSpg RxRxRxSpg

Cross Tee with Door

	Size	Socket Type
	50 75 90 110	RxSpg RxSpg RxSpg RxSpg
	75 110 160	CRxSpg CRxSpg CRxSpg
	75 90 110 160	SxSpg SxSpg SxSpg SxS

Bend 87.5°

This product is also available in economy "Sufia" range in 75 and 110mm in RxR socket type.

	Size	Socket Type
	50 75 90 110	RxSpg RxSpg RxSpg RxSpg
	75 110 160	CRxSpg CRxSpg CRxSpg
	75 90 110	SxSpg SxSpg SxSpg

Door Bend 87.5° (TS)

This product is also available in economy "Sufia" range in 75 and 110mm with RxR socket type.

	Size	Socket Type
	50 63 160	SxS SxS SxS

Door Elbow (TS)

	Size	Socket Type
	75	RxSpg
	90	RxSpg
	110	RxSpg
	160	RxSpg

Door Bend (RS/LS)

	Size	Socket Type
	50	SxS
	63	SxS
	160	SxS

Door Elbow (TS)

	Size	Socket Type
	50	RxSpg
	75	RxSpg
	90	RxSpg
	110	RxSpg
	75	CRxSpg
	110	CRxSpg
	160	CRxSpg
	40	SxS
	50	SxS
	63	SxS
	75	SxSpg
	90	SxSpg
	110	SxSpg
	160	SxS

Bend 45°



This product is also available in economy "Sufia" range in 75 and 110mm with RxR socket type

	Size	Socket Type
	75 x 50	Spg x S
	110 x 50	Spg x S
	110 x 75	Spg x S


Reducing Bush

	Size	Socket Type
	50	Spg
	75	Spg
	110	Spg

Socket Plug

	Size	Socket Type
	75	RxSpg
	90	RxSpg
	110	RxSpg
	160	RxSpg
	75	SxSpg
	90	SxSpg
	110	SxSpg
	160	SxS

Cleaning Pipe

	Size	Socket Type
	50	RxRxSpg
	75	RxRxSpg
	90	RxRxSpg
	110	RxRxSpg
	75	CRxCRxSpg
	110	CRxCRxSpg
	160	CRxCRxSpg
	40	SxSxS
	50	SxSxS
	63	SxSxS
	75	SxSxSpg
	90	SxSxSpg
	110	SxSxSpg
	160	SxSxS

Single Y

Reverse 'Y' 75 mm is also available for venting application.

Size	Socket Type
75 110	RxRxRxSpg RxRxRxSpg



Double Y

Size	Socket Type
75 110	SxSxSxSpg SxSxSxSpg



Size	Socket Type
50	S
63	S
75	S
90	S
110	S
160	S
200	S



Vent Cowl

Size	Socket Type
75 x 40	S
75 x 50	S
110 x 40	S
110 x 50	S
110 x 75	S



Branch Saddle

Size	Socket Type
75 110	RxRxRxSpg RxRxRxSpg



Double Y with Door

Size	Socket Type
110 x 110	2 pc.



Top tile with central strainer

Size	Socket Type
75 110	RxRxSpg RxRxSpg



Single Y with Door (LH/RH)

This product is also available in pasted form with SxSxSpg in both the sizes i.e. 75 and 110mm.

Size	Socket Type
150 x 150	2 pc.
200 x 200	2 pc.
150 x 150	3 pc.
200 x 200	3 pc.



Top tile with flush strainer

Size	Socket Type
110 x 75 160x110 (F)	RxRxSpg



Reducing Y

This product is also available in pasted form with SxSxSpg.

Size	Socket Type
200 x 200	2 pc.
200 x 200	3 pc.




Top tile with central strainer & flat cover

Note : 200mm size is available in both smooth and mat finish. Mat finish product is heavier.

Size	Socket Type
 125x110	RxSpg

W.C. Connector straight (Reducer type)

Size	Socket Type
 40 50	FtxS FtxS

Waste Coupling

Size	Socket Type
 110	RxSpg

W.C. Connector (Bent)

Size	Socket Type
 40 50 63 90 110 160	Spg Spg Spg Spg Spg Spg


Cleanout

Size	Socket Type
 110 x 12" 110 x 18" 110 x 22" 110 x 24"	RxSpg RxSpg RxSpg RxSpg

W.C. Connector Straight (F)

Size	Socket Type
 2" (Sch 40)	Spg

Floor Drain

Size	Socket Type
 50 75 90 110 160 200	

Pipe Clip

Size	Socket Type
 63 75 90 110	Spg Spg S S

Nahani Trap 3.5"

Note : 1) Nahani traps with and without jali are available.
2) Nahani trap 110x75mm is also available in light weight economy range.

Size	Socket Type
 40 50 75 90 110 160	

Metal Clamp with rubber seal

Size	Socket Type
 110x75/63 (4" height)	S x S / Spg
 110x75 (5" height)	S x S

Plain Floor Trap

Note : 1) Top inlet of this item is 110mm (Soc) and outlet 75 mm (Soc). Item is supplied with or without top lid seal.

Size	Socket Type
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110x75/63x50
(4" Height)

SxS/SpgxS



110x75x50
(5" Height)

SxSxS



110x75x40
(7" Height)

SxSxS

Multi Floor Trap

1) This product is supplied with or without top flange set
2) Top inlet of this item is 110 mm (S)
*D of outlet is 63mm (S) and OD is 75mm (Spg)
**These side inlets are 50 mm (S) and OD of outlet is 75mm (S)
***These side inlets are 50 mm (S) D of outlet is 63mm (S) and OD of outlet is 75mm (Spg)
All three side inlets are open and plugs can be provided to close such inlets, if desired.

Size	Socket Type
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110 x 110
125 x 110

SxSpg
SxSpg

'S' Trap

Note : 'P' trap is also supplied with vent horn.
Q and S traps can also be supplied in long heights.
125mm traps are available with or without W.C. ring.

Size	Socket Type
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160 x 110
160 x 110

S x Spg (short)
S x Spg

Gully Trap

Size	Socket Type
------	-------------



75x75
110x110
125x110
110x110
125x110

SxSpg
SxSpg (short)
SxSpg (short)
SxSpg
SxSpg

'P' Trap

Size	Socket Type
------	-------------



110 x 75

S x R

Bell Mouth Trap

Size	Socket Type
------	-------------



110 x 110
125 x 110

SxSpg
SxSpg

'Q' Trap

Size	Socket Type
------	-------------



110 x 110

Spg

Squar Gully Trap



Bottle gully traps

Waste lines are connected to soil lines through bottle gully traps. These traps are superior to conventional traps as they provide wider entry to flow, smooth surface and easy cleaning arrangements and most importantly, deep water seal. These traps are available in 6"x4" i.e. with flow entry only from top grating and 6"x4"x4" i.e. with additional inlet opposite to outlet in addition to entry from grating. These traps can also be used for rain water system.



Joining Instructions : Rubber - ring / Push - fit Jointing

- Make sure the spigot end and inside of socket is clean and the sealing ring is placed evenly in the socket.
- When cutting pipes, make sure they are cut square. Cut end of pipe should be deburred and chamfered to an angle of 15° with a medium file. This is important to avoid displacement of the rubber ring.
- A correct depth of entry of the spigot into the socket is required to allow thermal movement. To achieve this, push spigot fully into the socket (remove sealing ring at this time) and make a mark on the spigot. Withdraw the spigot by 10 mm and mark the spigot with a bold line. This bold mark indicates the correct depth of entry to allow the necessary expansion gap.
- Apply Supreme rubber lubricant evenly on the pipe or fitting spigot end and the sealing ring. Then insert the spigot into the socket with light twisting motion. Pull out the pipe to allow for 10 mm expansion gap.
- The joint is now complete and required no additional mastics, tape or cement or any other jointing sealants.

Maximum support distance in meters

Size in mm	40	50	75	90	110	160
Horizontal	0.4	0.5	0.75	0.9	1.1	1.6
Vertical	1.2	1.5	2.00	2.00	2.00	2.00

● All the dimensions unless otherwise specified are in mm.

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