



C.R.I. PIPES

ONE STOP PIPING SOLUTION



Quality in every inch.

uPVC SWR PIPES & FITTINGS

C.R.I. uPVC SWR (Solid, Waste & Rainwater) pipes is manufactured as per IS 13592:2013 standard available in 75, 90, 110 & 160mm in solvent and ring fit types. The fittings are manufactured in sizes 40mm to 160mm as per IS 14735 : 1999. C.R.I. SWR drainage system is designed for quick and efficient removal of waste without leakage. It is highly resilient, tough and durable with high tensile and impact strength. Moreover it is free from scale formation, rusting, weathering and chemical action. It is virtually immune to attack by bacteria, fungi, micro-organisms and insects. Thus the system is a long term solution for building drainage with estimated life over 50 years.



FEATURES AND BENIFITS

- Manufactured from high quality uPVC compound offering high strength and durability.
- Processed at high end and latest state of the art equipment keeps up with the consistency in quality and the prescribed specifications.
- **Chemical properties** – Non corrosive, ensures longer life cycle.
- **Physical properties** – Lighter in weight than conventional metal pipes, easy handling, transportation and installation
- **Longer life** – Life cycle upto 50 years, saves replacement and replenishment costs.
- **Anti corrosive & Non-conductive** – Excellent life avoiding electro chemical reactions.
- **Convenient and reliable** – Provides easy and stronger joints.
Adequate and easy access for cleaning and clearing obstructions.
- **Less maintenance** - Once installed C.R.I. SWR drainage system needs minimal or no maintenance.
- **Cost effective** - SWR drainage system is more cost effective than any conventional drainage system.

TECHNICAL DETAILS

Specifications for SWR Solvent Fit & Ring Fit PVC Pipes

NOMINAL DIAMETER DN	MEAN OUTSIDE DIAMETER OF PIPE		OUTSIDE DIAMETER OF PIPE AT ANY POINT		WALL THICKNESS	
	Min.	Max.	Min.	Max.	Min.	Max.
75 A	75	75.3	74.1	75.9	1.8	2.2
75 B	75	75.3	74.1	75.9	3.2	3.8
90 A	90	90.3	88.9	91.2	1.9	2.3
90 B	90	90.3	88.9	91.2	3.2	3.8
110 A	110	110.4	108.6	111.4	2.2	2.7
110 B	110	110.4	108.6	111.4	3.2	3.8
160 A	160	160.5	158	162	3.2	3.8
160 B	160	160.5	158	162	4.2	4.8

NOTE : As per IS 13592 : 2013 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.

Consumption of Rubber Lubricant

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

Maximum Support Distance in Meters

Size in mm	75	90	110	160
Horizontal	0.75	0.9	1.1	1.6
Vertical	2	2	2	2



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