

SEWERAGE

SWR PIPES & FITTINGS

UGD PIPES

Designed for
advanced sewerage system





SWR PIPES & FITTINGS

Exterior Drainage System

Skipper SWR Drainage System with better performance ensure smooth flow. It is manufactured with an advanced moulding technology, preventing leaks & survives high pressure flow. The composite ring holds the channel together and thwarts it from slipping out during installation.



Product Range

PIPES	FITTINGS
75 mm to 160 mm	75 mm to 160 mm

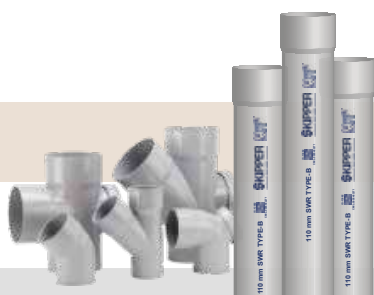
***Type A :** for use in ventilation pipe work, rain water and rain water harvesting applications.

***Type B :** for use in soil and waste discharge systems.

Standards

PIPES			
Size (mm)	Standard	Class	End Joints
75mm to 160mm	IS 13592:2013	Type A & Type B	Ring Fit & Solvent Joint

FITTINGS		
Size (mm)	Standard	End Joints
75mm to 160mm	IS 14735:1999	Ring Fit & Solvent Joint



SWR PIPES & FITTINGS

Exterior Drainage System

Dimensions | As Per IS 13592 : 2013

Pipe Sizes	Nominal Outside Diameter	Mean Outside Diameter		Wall Thickness			
				Type-A		Type-B	
		Mini	Max	Mini	Max	Mini	Max
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
75	75	75	75.30	1.80	2.20	3.20	3.80
90	90	90	90.30	1.90	2.30	3.20	3.80
110	110	110	110.40	2.20	2.70	3.20	3.80
160	160	160	160.50	3.20	3.80	4.00	4.60

Features & Benefits



Manufactured with Advanced Moulding Technology



UV Resistance



Anti-Corrosion



Composite Rubber Rings



Lower Thermal Expansion



Relatively Low Cost



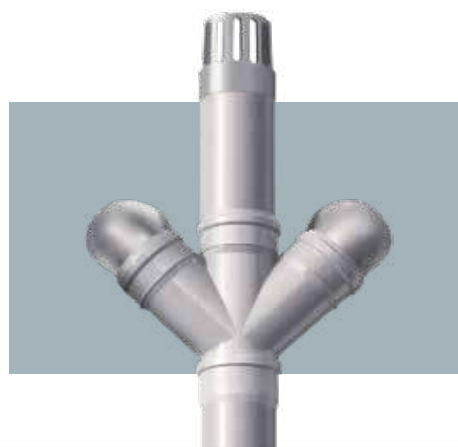
Least Maintenance



Leak Proof Joints with Easy Installation

Applications

- Transportation of Soil, Waste & Rain Water discharge of commercial & residential systems
- Public Utilities & Industrial drainage
- Convenient with Grey & Black water



UGD

Underground Drainage & Sewerage Pipes

UGD PIPES

Underground Drainage System

Skipper Underground Solid Wall Piping system is light in weight and less expensive than any existing stiffness PVC pipes of similar properties. It is many times lighter than a concrete pipe with equivalent load carrying capacity. It has Self-Socketed type joints. The system is available in option with joints either by solvent cement or elastomeric sealing ring.



Product Range

PIPES

Nominal Diameter : 63 mm to 315 mm

Standards

PIPES			
Size (mm)	Standard	Specification	End Connections
63mm to 315mm	IS 15328:2003	SN-2, SN-4, SN-8	Elastomeric Sealing Ring & Solvent Joint

Dimensions | As per IS 15328 : 2003

Size	Nominal OD	Mean OD		Wall Thickness					
				SN2(SDR 51)		SN4 (SDR 41)		SN8 (SDR 34)	
		Mini	Max	Mini	Max	Mini	Max	Mini	Max
(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)	(mm)
63	63	63	63.30					2.70	3.10
75	75	75	75.30					2.80	3.30
90	90	90	90.30					2.90	3.40
110	110	110	110.40					3.20	3.70
125	125	125	125.40			3.20	3.70	3.70	4.40
160	160	160	160.50	3.20	3.70	4.00	4.60	4.70	5.40
200	200	200	200.60	3.90	4.50	4.90	5.60	5.90	6.70
250	250	250	250.80	4.90	5.60	6.20	7.00	7.30	8.30
315	315	315	316.00	6.20	7.00	7.70	8.70	9.20	10.40

UGD PIPES

Underground Drainage System

Features & Benefits



Excellent Self Clinging Velocity



Anti-Corrosion



Anti-Rodent



Resistant to Microbial Attacks



Good Impact Strength



Relatively Low Cost



Faster Installation & Relatively Low Weight



Longer Life



Leak Proof Joints

Applications

- Public Utilities & Industrial drainage applications
- Convenient with Grey & Black water flow
- Building & Municipal Sewerage

