

Various other approvals: -

CORFIT MANHOLE CHAMBERS



UPGRADING INDIA'S DRAINAGE SYSTEM TO MEET GLOBAL STANDARDS

Salient features:

- Corfit Manhole & Inspection chambers are made from PE.
- PE material is resistance to acids, bases & organic compounds like
- aggressive substances like sulphuric acid & hydrogen sulphide
- Steps are provided to reach to the base of the manhole chamber
- Socket, spigot & side inlet connections with rubber sealing ring
- About 2* slope for gravity flow in inspection chamber base

"Base 1000/750, Riser 580/315, Cone 1180,1330,1480"

Application: Commercial & municipal sewerage/drainage network

Standards: - Manufactured under guidelines of BS EN 13598 1&2, BS EN 13598-2 for Manhole chamber

Various other approvals: -

FOAMFIT

Underground Drainage Piping Systems



LIGHT WEIGHT SOLUTION FOR LONG LASTING DRAINAGE APPLICATION

Salient features:

- Multilayered pipes ideal for housing & government developments
- Outer & inner most layer give great loading bearing capacity, the
- Middle layer provides firmness to the pipe
- Lighter than solid wall UPVC pipe, easy for UG installation
- Compatible with other drainage products
- Cost saving, easy to install & antirodent

Application: Underground drainage systems

Pipes			Fittings	
Size(mm)	Standard	End Connection	Size (mm)	End Connection
SN2 - 160,200,250,315(NON-ISI)	IS 16098 Part 1	Elastomeric Sealing Ring Joint & Solvent Joint	110,160 &200	Elastomeric Sealing Ring Joint & Solvent Joint
SN4 - 110,125,160,200,250,315				
SN8 - 110,125,160,200,250,315				

Various other approvals: -

CABLEFIT

Cable Ducting Pipes



Mechanical protection of cables

Salient features:

- Technically approved, saves on cost time & labor.
- Made of HDPE provides long term strength, chemical resistance, And prevention of stress cracks.
- Unique double walled construction makes it light weight, high ring
- Stiffness & better impact strength.
- Smooth inner surface facilitates easy insertion of ducts & cables.

Application:

- Mechanical protection to Electrical, Telecom-optical & signaling cables
- Flyover, Tunnel, over bridge, Railways signal

Pipes				Fittings		
Size(mm)	Class	Standard	End Connection	Size(mm)	Standard	End Connection
40 to 200	-	IS 16205-24	Coupler (With or without rubber ring)	50 to 90	-	Coupler (With or Without rubber ring)

Various other approvals: -

AQUAFIT

Agriculture Piping Systems



AN EVERGREEN SOLUTION

Salient features:

- Light weight, easy to transport, store, handle & install. Saves labor
- Smooth bore ensures higher flow compared to GI pipes
- Solvent cement joint therefore quick installation.
- Corrosion resistance, UPVC is rustproof diameter of pipe remains Constant
- Long working life & cost effective.

Application:

- Drinking water supply & distribution
- In agriculture water supply & distribution, irrigation,
- Slurry lines, Ventilation pipe lines, Cable ducting

Pipes				Fittings			
Size(mm)	Working Pressure (Kg/Cm ²)	Standard	End Connection	Size(mm)	Working Pressure (Kg/Cm ²)	Standard	End Connection
20 to 400	2.5, 4, 6, 8, 10& 12.5	IS 4985	Solvent Joint	20 to 250	4, 6, 10& 16	IS 7834	Solvent Joint, Threads

Various other approvals: -

FLOWGUARD PLUS CPVC PLUMBING SYSTEMS



Salient features:

- Designed for service life of 50 years
- Withstand temperature up to 93* C. Unparalleled UV resistance
- Ideal for hot and cold water
- Fire retardant and has high tensile strength
- 25% better pressure bearing capacity

Application:

- Indoor and outdoor installation of hot and cold-water plumbing lines
- For concealed, down take & terrace looping in residential & commercial Buildings.

Pipes				Fittings			
Size(mm)	Class	Standard	End Connection	Size(mm)	Class	Standard	End Connection
15 to 50	SDR 11	IS 15778	Solvent Cement Joint	15 to 50	SDR 11	ASTM D 2846	• Solvent Cement Sockets Joint.
15 to 50	SDR 13.5	IS 15778		65 to 100	SCH 80	ASTM F 439	• For transition joints, fittings with plastic threads & metal threaded inserts.
65 to 250	SCH-40	ASTM F 441		150	SCH 40	ASTM F 438	
65 to 250	SCH-80	ASTM F 441					

Various other approvals: -

EASYFIT UPVC Plumbing Systems



Salient features: Your drinking water is lead-free and safe & you, tension-free

- Proven performance for water temperature from 5*C to 60* C
- Self-extinguishing, does not support combustion.
- Fast and easy installation. Saves Labour considerably

Application: - Residential buildings & commercial complexes.

- Public utilities, swimming pools & industrial applications
 - RO and DM water plants
- For concealed, down take & terrace looping

Pipes				Fittings			
Size(mm)	Class	Standard	End Connection	Size(mm)	Class	Standard	End Connection
15 to 250	SCH - 40	ASTM D - 1785	Solvent Cement Joint and Threaded Joint	15 to 150	SCH - 40	ASTM D 2466	• Solvent Cement Socket Joint.
15 to 250	SCH - 80	ASTM D - 1785		15 to 100	SCH - 80	ASTM D 2467	• For transition joints fittings with plastic threads & metal threaded inserts are available.

Various other approvals: -

STOREFIT -Paani ka Bank



Salient features:

- Tanks manufactured using ROTO moulding process
- 3-layer insulation* outer white for UV resistance, middle layer black
- Maintains water temperature lower than ambient, Inner food
- Grade polymer layer to prevent water contamination
- Extra ribs for durability & strength. Threaded lid
- Air ventilator for water to breathe & stay fresh

Application:

- Potable city water, Infrastructure projects, Industrial effluents
- Drip, sprinkler & lift irrigation, borewell for submersible pumps

THE QUALITY YOU LOVE IN PRINCE PIPES NOW IN A WATER TANK

Tanks

Size (in Ltrs)	Standard	Colour	Compatible Products
300,500,750,1000, 1500, 2000, 3000, 5000 & 10000	IS 12701:1996*	White, Yellow & Black	Flow Guard CPVC Pipes, Easy fit UPVC Pipes, Ball valves, CPVC & UPVC Fittings, Solvents

Various other approvals: -

ULTRAFIT - SWR Piping Systems

Pipes as per
IS 13592

Fittings as per
IS 14735



LEAK-PROOF SEWERAGE FOR SEEPAGE-PROOF STRUCTURES

Salient features:

- Lighter but strong
- Compatible with other drainage products
- Cost efficient
- Rubber ring seals ensure long term sealing performance
- Against leakages

Application:

- Public Utilities
- Inside & outside building drainage systems including ventilation
- Industrial Buildings

Pipes

Fittings

Size (in mm)	Standard	Type	End Connection	Size (in mm)	Standard	End Connection
40 to 200	IS13592	Type A For ventilation pipe work, rain water discharge and harvesting.	Rubber Ring & Solvent Joint	75, 90, 110, 160	IS 14735	Rubber Ring Joint
		Type B For soil and waste discharge system.		40 to 160		Solvent Joint

Various other approvals: -

GREENFIT **PP-R Plumbing Systems**



**FOR SUPERIOR PERFORMANCE IN
EXTREME TEMPERATURES**

Salient features: Proven performance for water temperature from -20* C to 95* C

- No scaling. Can withstand higher 'pH' values
- UV resistance triple layer pipes, suitable for outdoor installation
- Good chemical resistance – suitable for most industrial liquids
- Heat -fusion jointing ensuring leak proof joints.
- Low coefficient of friction, high flow rate, reducing pumping cost.
- Specially formulated thermex pipes reduce linear expansion contraction of pipes due to temperature variance. Suitable for outdoor application
- Antimicrobial inside layer of 3 layered pipe adds to safety against bacterial growth ensuring safe drinking water.

“Insulation is necessary at Sub Zero temperature”

Application: In HVAC piping systems due to its various advantages.

- For conveyance of aggressive fluids in chemicals & pharma Industries
- Indoor & outdoor, hot & cold piping in Residential buildings & commercial complexes.
- Heating systems inside buildings - floor, wall & radiator heating
- Solar water heating systems
- Drinking water & liquid food transportation

Pipes

Size (mm)	Working Pressure (Kg/cm2)	Standard	Colour	End Connection
20 to 160	10, 16 & 20	IS: 15801	Single layer pipes - Green Triple layer pipe - Outer layer in Green Inner layer in white, Thermex - Black	Poly-fusion welding joint
180 to 315	10	DIN: 8077/8078		

Fittings

Size (mm)	Working Pressure (Kg/cm2)	Standard	Colour	End Connection
20 to 160	20 & 25	DIN:16962	Green	• Socket ends suitable for fusion welding.
				• For transition joints, fittings with threaded metal inserts

Various other approvals: -

GREENFIT **PP-R Compressed Air Piping Systems**



A ZERO-DEFECT SOLUTION FOR COMPRESSED AIR

Salient features: Can Withstand temperatures from -20°C to 95°C

- triple layer resistance pipes, suitable for outdoor installation
- Heat -fusion leak proof jointing, superior over conventional metal and aluminum joints
- Smooth inner surface, ensuring least friction for the flowing air
- Smooth inner surface, ensuring least friction for the flowing air
- Low thermal conductivity

“Insulation is necessary at Sub Zero temperature”

Application:

- Suitable for air compressors, Instrumentation air, vacuum & Nitrogen Supply
- At par with global standards & ideal for pneumatic application

Application:				
Size (mm)	Working Pressure (Kg/cm2)	Standard	Colour	End Connection
20 to 160	10, 16 & 20	IS: 15801	Triple layer pipe - Outer layer in Blue Inner layer in White	Poly-fusion welding joint
180 to 315	10	DIN: 8077/8078		
Fittings				
Size (mm)	Working Pressure (Kg/cm2)	Standard	Colour	End Connection
20 to 160	20 & 25	DIN:16962	Blue	Socket ends suitable for poly-fusion welding.
				For transition joints, fittings with threaded metal inserts.

Various other approvals: -

EASYFIT RE **Reclaim Piping Systems**



Salient features: Specially designed to divert wastewater generated from bathtub shower drains, washing machines & kitchen sinks etc into a system

- Where it can be recycled to replenish depleting water resources.
- Cost effective ,labour saving and easy to install
- UV+ Fire resistance +lead free material

Application:

- Indoor and outdoor installation for recycled water transportation
- Public utilities, swimming pools & industrial application.

WHAT WE DRAIN IS HOW MUCH WE NEED

Pipes				Fittings			
Size (mm)	Class	Standard	End Connection	Size (mm)	Class	Standard	End Connection
15 to 250	SCH - 40	ASTM D - 1785	Solvent Cement Joint and Threaded Joint	15 to 150	SCH - 40	ASTM D 2466	Solvent Cement Socket Joint
15 to 250	SCH - 80	ASTM D - 1785		15 to 100	SCH - 80	ASTM D 2467	For transition joints, fittings with plastic threads & metal threaded inserts are available

Various other approvals: -

SILENTFIT Low Noise SWR Piping Systems



A PREMIUM DRAINAGE SYSTEM THAT SILENTLY DOES ITS JOB

Salient features: Made of 3 layers, outer & inner layers are made of UPVC material, Middle one specially formulated PVC serving as a noise insulator

- Silent operation
- Compatible with other drainage products
- Sockets with rubber sealing rings allow for thermal expansion & contraction of the pipe lines
- Rubber sealing rings ensure firm insertion joints, zero leakage and prevent noise transmission
- Long life

Application: Residential & Commercial buildings that require a high level of noise Protection eg hospitals, educational institutes, offices, business Premises & high-rise buildings etc.

Pipes			Fittings		
Size (mm)	Ref. Standard	End Connection	Size (mm)	Ref. Standard	End Connection
40, 50, 63, 75, 110, 160	IS 13592	Solvent & Rubber Ring joint	40 to 160	IS 14735	Solvent & Rubber Ring joint

Various other approvals: -

DRAINFIT UPVC Underground Drainage Piping Systems



FOR UNDERGROUND DRAINAGE APPLICATION

Salient features: Lighter and less expensive than PVC pipes /concrete pipes

- Compatible with other drainage products
- Leak proof, Long life & anti rodent
- Easy transportation, light in weight & easy in wet condition
- Resistance to abrasion, smooth bore pipes reduces risk of blockage
- Good impact resistance

"ALSO AVAILABLE INSPECTION CHAMBER 450MM BASE & 315MM BASE"

Application: Underground drainage systems

Pipes			Fittings		
Size (mm)	Standard	End Connection	Size (mm)	Standard	End Connection
SN 2 - 160 to 400 SN 4 - 125 to 400 SN 8 - 63 to 400	IS 15328	Elastomeric Sealing Ring & Solvent Joint	110 & 160	EN-1401-1	Elastomeric Sealing Ring & Solvent Joint

Various other approvals: -

RAINFIT
Roof water Systems



EFFICIENT FOR RAINWATER COLLECTION & CONVEYANCE

- Salient features:** Advanced system design ensures effective collection of roof water & efficient discharge
- High mechanical & chemical strength & can withstand aggressive Environment
 - Light weight, easy to handle, store & transport
 - UV stabilized can be installed in areas directly exposed to sunlight
 - Smooth and glossy appearance gives an attractive look

- Application:** Public places such as railway platform sheds, vehicle parking shed
- Hotels, schools, warehouse & institutions.
 - Residential & Commercial buildings
 - Ideal for roof top rain water storage

Pipes		Fittings	
Size (mm)	End Connection	Size (mm)	End Connection
Half Round Pipes - 140, 180, 250	<ul style="list-style-type: none"> • Elastomeric rubber seal with clamps for half round pipes 	75, 110, 140, 160, 180, 250	Elastomeric rubber seal with clamps
Downtake Pipes - 75, 110	<ul style="list-style-type: none"> • Solvent Joint & Rubber ring Joint for Down take pipes 		

Various other approvals: -

DURAFIT
FRP MANHOLE & CHAMBERS COVERS



CORROSION FREE. SKID FREE

- Salient features:** Durafit FRP Manhole & chamber Covers with frames are light weight, superior to conventional cast iron, ductile & RCC covers
- Covers are in various std sizes & load bearing 1.5 to 40 tons
 - Protection against theft with greater safety options
 - Light weight & Durable service life
 - Less noise & lower vibration transmission
- Application:** Parking areas
- Foot ways & carriage ways of roads
 - Aircraft pavements

Standards

Durafit Manhole covers are tested as per **BS EN 124 1994** for gully tops & manhole tops for vehicular & pedestrian areas.
Load & permanent set testing for following classes:

A-15kN (1.5 ton)	Areas which can only be used by pedestrians and pedal cyclists.
B-125kN (12.5 ton)	Carriage ways of roads (including pedestrian streets), hard shoulders and parking decks.
C-250kN (25.0 ton)	For gully tops installed in the area of kerbside channels of roads.
D-400kN (40.0 ton)	Carriage ways of roads (including pedestrian sheets), hard shoulders and parking areas for all types of road vehicles

Various other approvals: -

SAFELIT
Borewell Systems



Low maintenance, High Resistance, Light weight

Salient features: Made from high quality PVC compound that ensures they have High tensile strength, can withstand high impact and have minimum water friction

- Unique CIRCLIP locking system designed to withstand pressure during underground water extraction
- Easy to transport, store, handle & install.
- Higher flow rate compared to GI pipes. Bore diameter remains Constant.
- Resistance to most of the chemicals & have long life

Application:

- To extract ground water for farms & fields
- To extract ground water for residential, commercial & public places

Pipes	Type	Size (mm)	Standard	End Connection
Screen Pipes	Ribbed Screen	40 to 250 (1½" to 10")	IS 12818	Threaded Joint
	Plain Screen - CM	100 to 250 (4" to 10")		
	Plain Screen - CS	100 to 250 (4" to 10")		
Casing Pipes	Casing Pipes - CM	40 to 300 (1½" to 12")		
	Casing Pipes - CS	100 to 250 (4" to 10")		
	Casing Pipes - CD	100 to 250 (4" to 10")		
Rising Main Pipes	V4 - Pipes	25 to 40 (1" to 1½")		
	Medium, Standard	25 to 100 (1" to 4")		
	Heavy Duty Pipes	32 to 100 (1½" to 4")		
Bell Form Pipes	V4	25 ,32 ,40 (1" , 1¼" , 1½")	-	-

Various other approvals: -

PE FIT AQUA - HDPE Piping System



BRINGS WATER TO LIFE

Salient features: PE polymer is designed to meet most demanding operating conditions in the process of transmission of various types of liquid

- UV resistance, Chemical & corrosion resistance, excellent flexibility
- Low friction coefficient & higher flow rate
- Long life & recycleable.

Application:

- Potable city water, Infrastructure projects, Industrial effluents
- Drip, sprinkler & lift irrigation, borewell for submersible pumps

Size (mm)	Class	Standard	Working Pressure	End Connection
Pipe: 20 to 315 Coil: 20 to 110	PE63, PE80, PE100	IS 4984:2016	2KG/CM2 to 20KG/CM2 SDR41 to SDR6	Butt Welding, Electro Fusion

Various other approvals: -

TeraFit



Perforated Corrugated Pipes for Sub- Surface Drainage

Salient features:

- Comes with Geo-textile which prevents choking
- Maintains water table,enhances soil aeration & prevents water logging
- Mitigates salinity,boosts soil health & crop yield

Application:

Sub- surface Drainage: for collecting excess water. Ideal for maintaining stability in agriculture, roads, & building sites

Standard: Confirms to IS 9271

Sizes available 80mm &100mm.Fittings like Coupler Bend, Y, Tee & end cap available