



Sudesh Group

35 Years of
excellence

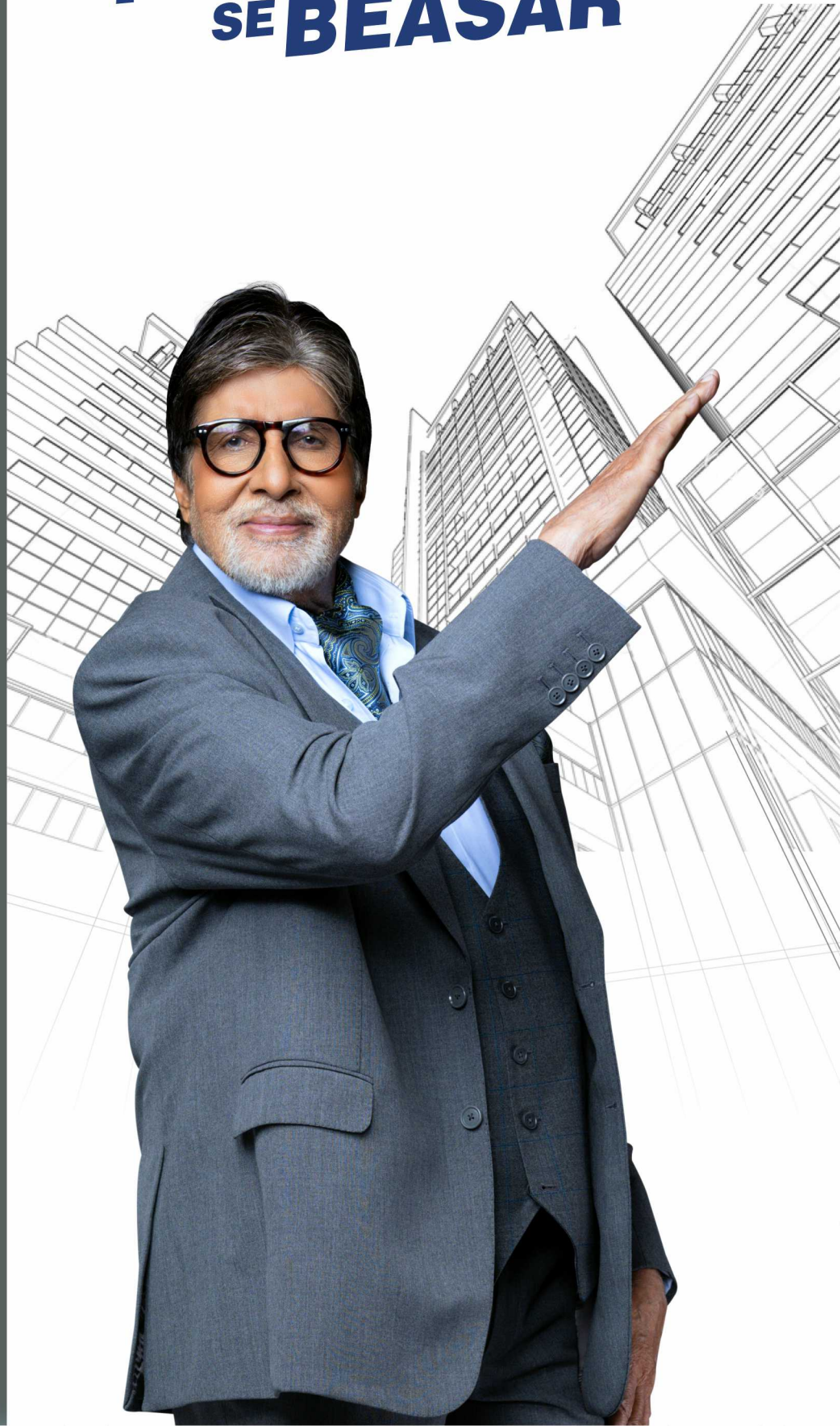


HAR PRESSURE SE BEASAR

SWR DRAINAGE SYSTEM



**PRODUCT
BROCHURE**



COMPANY OVERVIEW



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VISION

We aspire to become a global leader in the field of Plastic Piping Systems through our relentless process of transforming innovative ideas into incredible realities. We aim to be a genuinely global, high-performing organisation that provides excellent goods and services to its customers.

With our ideals, we seek to create an innovative, high-performance company that is dedicated to offering great products to its clients. We strive to achieve total customer satisfaction by continually improving on product quality, ease of use, availability and cost performance. These values have guided our interactions with customers, partners, employees, and shareholders at large.



MISSION

Our mission is to become a market leader by being one of the best quality product suppliers by expanding continuously, using new technologies, improving business methods, satisfying market expectations, and ensuring employee happiness.

We have always believed in returning back to the society, and so we're working to harness the potential of non-renewable energy sources. Furthermore, we are devoted to deliver on every promise to our valued clients, and work with them to fully understand their evolving needs and long-term requirements.

OUR JOURNEY



2022-23

- PPR-C Pipes and Fittings Launch.
- Purchased of new land for upcoming plant at Dadri 2

2020-21

- Concluded the strategic acquisition of 'Kisan Mouldings' unit in Bengaluru.
- Successful listing of company's share on NSE.
- Started manufacturing water tank, solvent cement and Bath Fittings Robust.

2019

- Concluded promoter infusion of 142 crore through issuance of equity shares and fully convertible warents on preferential basis.

2018

- Purchased a land with building in Noida to develop Apollo Pipes corporate office.
- Introduced a brand new products range of faucets, taps, showers and accessories.

2017

- Largest plastic piping solution company.
- Installed capacity of moulding division enhanced to 27,000 MTPA

2016

- First in north India to install 900kg/hr PVC extension line.
- Expanded capacity by 10,000 MTPA
- Took total available capacity to 50,000 MTPA

2013-15

- Started manufacturing uPVC plumbing pipes fittings with 180 MTPA Capacity.
- Commenced CPVC pipes & fittings using kemone, France resin.
- Started manufacturing uPVC agri and SWR fittings.

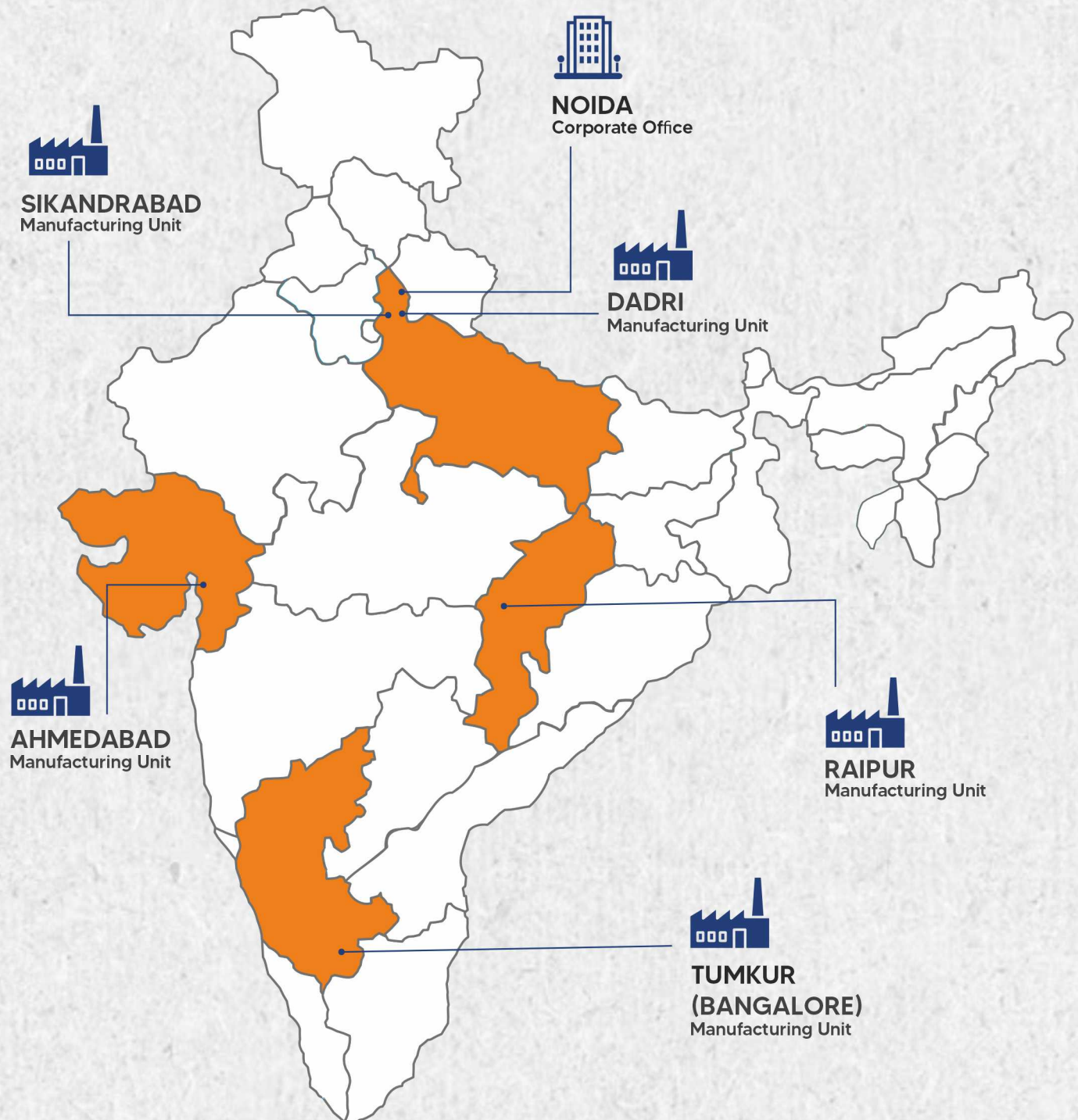
2005-10

- Started manufacturing HDPE pipes
- Setup new plant at Dadri-UP of capacity 21,000 MTPA

2000

- Commercial PVC pipe manufacturing operations.
- Establised 3000 MTPA in Sikanderabad, U.P.

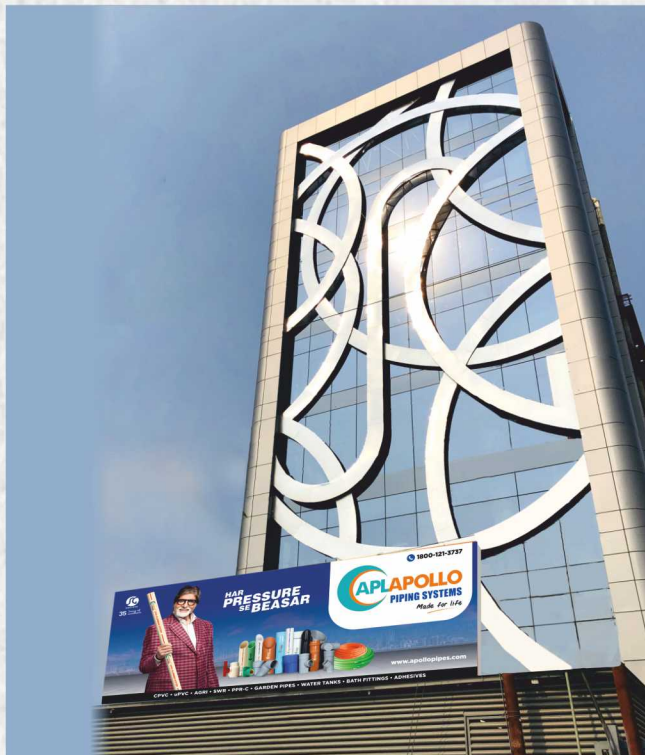
OUR PRESENCE



MANUFACTURING UNITS



Manufacturing Plant - Dadri (U.P.)



Corporate Office - Noida (U.P.)



Manufacturing Plant - Raipur (Chhattisgarh)



Manufacturing Plant - Bawla (Gujarat)



Manufacturing Plant - Sikandrabad (U.P.)



Manufacturing Plant - Tumkur (Karnataka)

AWARDS & CERTIFICATIONS



**Best Brand
Award-2021**
by
The Economic Times



**Iconic
Brands Award
of India-2022**
by
The Economic Times



**Best
Manufacturing
Award - 2024**
by
Industry Outlook



SWR

SOIL

WATER

RAIN



The Best Global SWR Drainage System

APL Apollo SWR Piping System is a simple and economical product for drainage of soil waste & rainwater application in residential, commercial & industrial buildings conforming to ISI-13592-92 & the Fittings conforming to ISI-14375-99, with many advantages over the conventional piping systems. SWR pipeline system offers a maintenance-free solution for long life without rust or corrosion.

Product specifications and Pipes range are available in 75, 90, 110, and 160 mm, and Fittings are available in 75 mm to 160 mm sizes. Pipes conforms to IS 13592:92 and Fittings conforms to IS 14375 and are made as per international standards. SWR drainage system is available in – Rubber ring type joints – Fix 'O' ring type seal design.

Why should you choose APL Apollo SWR Pipes & Fittings over other pipes?



Lighter in weight
than the conventional
metal pipes



Suitable for
outdoor application



Non
Conductive



UV
Stabilised



No
Chocking



ISI Marked
Suraksha





IS:13592

MARKED
SURAKSHA*



Applications

The pipes cater to many sewerage needs of household SWR piping systems to double-walled corrugated piping for large scale drainage with its supreme solutions. It's this quality and functionality that make it superior to the conventional piping systems.

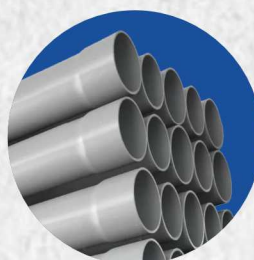
APL Apollo SWR Pipes Conforms To IS 13592-1992

Nominal Outside Diameter D (mm)	Tolerance on Outside Diameter D (mm)	Wall Thickness Type - A (mm)		Wall Thickness Type - B (mm)	
		Min	Max	Min	Max
75	± 0.3	1.8	2.2	3.2	3.8
90	± 0.4	1.9	2.3	3.2	3.8
110	± 0.4	2.2	2.7	3.2	3.8
160	± 0.5	3.2	3.8	4	4.6

SWR Pipes In Self Fit and Socket (As Per IS 13592)



**Selfit 3 Mtrs.
2.5Kg/CM², Type-A,B**



**Selfit 3 Mtrs.
2.5Kg/CM², Type-A,B**



**Single Socket
With Rubber
Ring 12ft Type-A**



**Double Socket
with Rubber Ring
Type-A**

SWR Premium Pipes (As Per IS 13592)



**Selfit 3 Mtrs.
Type-A, Type-B**



**With Rubber Ring
3 Mtrs.
Type-A, Type-B**

SWR Fittings Ring Fit



COUPLER
75mm to 160mm



REDUCING COUPLER
110x75mm to 160x110mm



BEND 45°
75mm to 160mm



BEND 87.5°
75mm to 160mm



SINGLE Y
75mm to 160mm



**BEND 87.5°
WITH DOOR**
75mm to 160mm



**SINGLE Y
WITH DOOR**
75mm to 160mm



SINGLE TEE
75mm to 160mm



REDUCING Y



REDUCING SINGLE TEE
110x75mm to 160x110mm



**SINGLE TEE
WITH DOOR**
75mm to 160mm



DOUBLE TEE



DOOR CAP
75mm to 110mm



**RUBBER RING
(YELLOW EXTRA)**
75mm to 110mm



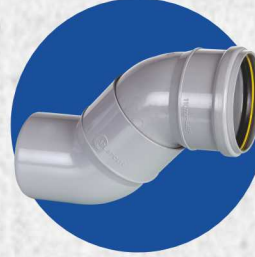
**REDUCING
TEE WITH DOOR**
110x75mm to 160x110mm



**CLEANING
PIPE WITH DOOR**
75mm to 110mm



**REDUCING Y
WITH DOOR**



OFFSET BEND
75mm to 110mm



**HORN SHOE
WITH DOOR**

SWR Fittings Self Fit



BEND 87.5°
75mm to 160mm



SINGLE TEE
75mm to 160mm



**BEND 87.5°
WITH DOOR**
75mm to 160mm



**SINGLE TEE
WITH DOOR**
75mm to 160mm



BEND 45°
75mm to 160mm



REDUCING TEE
110x75mm to
160x110mm



SINGLE Y
75mm to 160mm



REDUCING Y



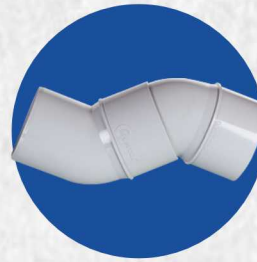
**SINGLE Y
WITH DOOR**
75mm to 160mm



**DOUBLE TEE
WITHOUT DOOR**



**REDUCING Y
WITH DOOR**



OFF SET BEND
75mm to 110mm



**REDUCING TEE
WITH DOOR**
10x75mm to
160x110mm



COUPLER
75mm to 160mm



**CLEANING PIPE
WITH DOOR**
75mm to 110mm



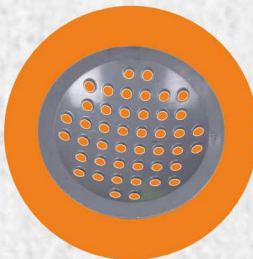
REDUCING COUPLER
110x75mm x
160x110mm



VENT COWL
63mm to 160mm



PIPE CLAMP
75mm to 110mm



JALI ROUND



HEIGHT RAISER



S-TRAP



**MULTI FLOOR TRAP
WITHOUT JALI**



**HORN SHOE
WITH DOOR**



P-TRAP



**NAHANI TRAP
WITHOUT JALI**
63x63mm to 110x110mm



Q-TRAP



GULLY TRAP

FEATURES & BENEFITS

- Lighter than conventional C.I pipes but strong.
- Compatible with other drainage products.
- Easy to install with low assembly force.
- Smooth bore.
- Leak-proof joints.
- Long-term sealing performance.
- Cost-efficient.
- World-Class Seals stronger than locally available seals.

APPLICATIONS

- Inside & Outside building drainage systems including ventilation.
- Rain water discharge & harvesting for residential & commercial buildings.
- Industrial buildings and public utilities.



Residential Buildings



Large Commercial Buildings



Commercial Kitchens



Industrial Applications

INSTALLATION GUIDE RINGFIT

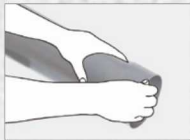
Easy and 100% leakproof installation.



STEP 1: CUTTING: firstly, measure & cut the pipes straight and square. Inspect pipe ends thoroughly before making the cut, if any cracks or split in the ring is noticed cut off a minimum of 25 mm beyond the visible crack before proceeding.



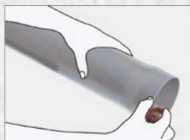
STEP 2: CHAMFERING AND DEBURRING: Burrs in and on the pipe end can obstruct flow/proper contact between the pipe and socket of the fitting during assembly and should be removed from both in and outside of the pipe. A 15 mm dia half round file/a pen knife or a deburring tool are suitable for this purpose. A slight bevel on the end of the pipe will ease entry of the pipe into the socket of the fitting socket.



STEP 3: FITTING PREPARATION: Use a clean dry cloth to wipe out the dirt & moisture from the fitting and pipe end.



STEP 4: CHECK FOR YELLOW SEAL™: Check the socket end for Yellow Seal™. Ensure that the yellow part of the seal is towards the outside of socket.



STEP 5: LUBRICANT: Apply the lubricant on the chamfered end of the pipe.

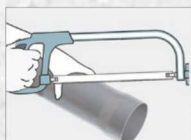


STEP 6: ASSEMBLY: Immediately insert the pipe into the fitting socket. Rotate the pipe slightly while inserting. Withdraw pipe until the mark is 12 mm away from socket. This means a 12 mm gap exists between the end of the pipe and the socket register. This gap will allow the pipe to expand without distorting the pipe-work jointing.

APL Apollo Ringfit Pipes and Fittings are joined with the help of APL Apollo Lubricant. For faster plumbing and leak proof joints we strongly recommend the use of APL Apollo lubricants only.

INSTALLATION GUIDE SELFIT

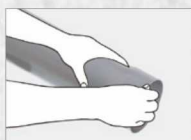
Easy and 100% leakproof installation.



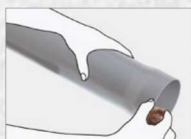
STEP 1: CUTTING: Measure the pipe length accurately and make a visible marking using a felt tip pen. Ensure that the pipe and fittings sizes are compatible. You can easily cut with a plywood cutting saw/ratchet cutter or a wheel cutter. Cutting the pipe as squarely as possible (at 90°) provides optimal bonding area within a joint. Inspect pipe ends thoroughly prior to making a joint. If a crack or splintering is noticed cut-off a minimum of 25 mm beyond the visible crack before proceeding.



STEP 2: DEBURRING/BEVELING: Burrs in and on pipe end can obstruct flow/proper contact between the pipe and socket of the fitting during assembly and should be removed from both in and outside the pipe. A 15 mm dia half round file/a pen knife or a deburring tool are suitable for this purpose. A slight bevel on the end of the pipe will ease entry of the pipe into the socket of the fitting socket.



STEP 3: FITTING PREPARATION: Use a clean dry rag to wipe the dirt and moisture from the fitting sockets and pipe end. Dry fit the pipe to ensure total entry into the bottom of the fittings socket and make a visible marking using a felt tip pen.



STEP 4: SOLVENT CEMENT APPLICATION: Apply an even coat of solvent cement on the pipe and the socket end of the fitting. Do not use thickened or lumpy solvent cement. It should have a flow consistency like that of syrup or paint.



STEP 5: ASSEMBLY: Immediately insert the pipe into the fitting socket, rotate the pipe ¼ to ½ turn while inserting. This motion ensures an even distribution of cement within the joint. Hold the assembly for 10 seconds to allow the joint to setup.

APL Apollo Selfit Pipes and Fittings are joined with the help of APL Apollo SWR solvent cement, which is a single step fast setting solvent cement. The bonding takes place due to chemical fusion of the mating surfaces.



APOLLO PIPES LIMITED

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