

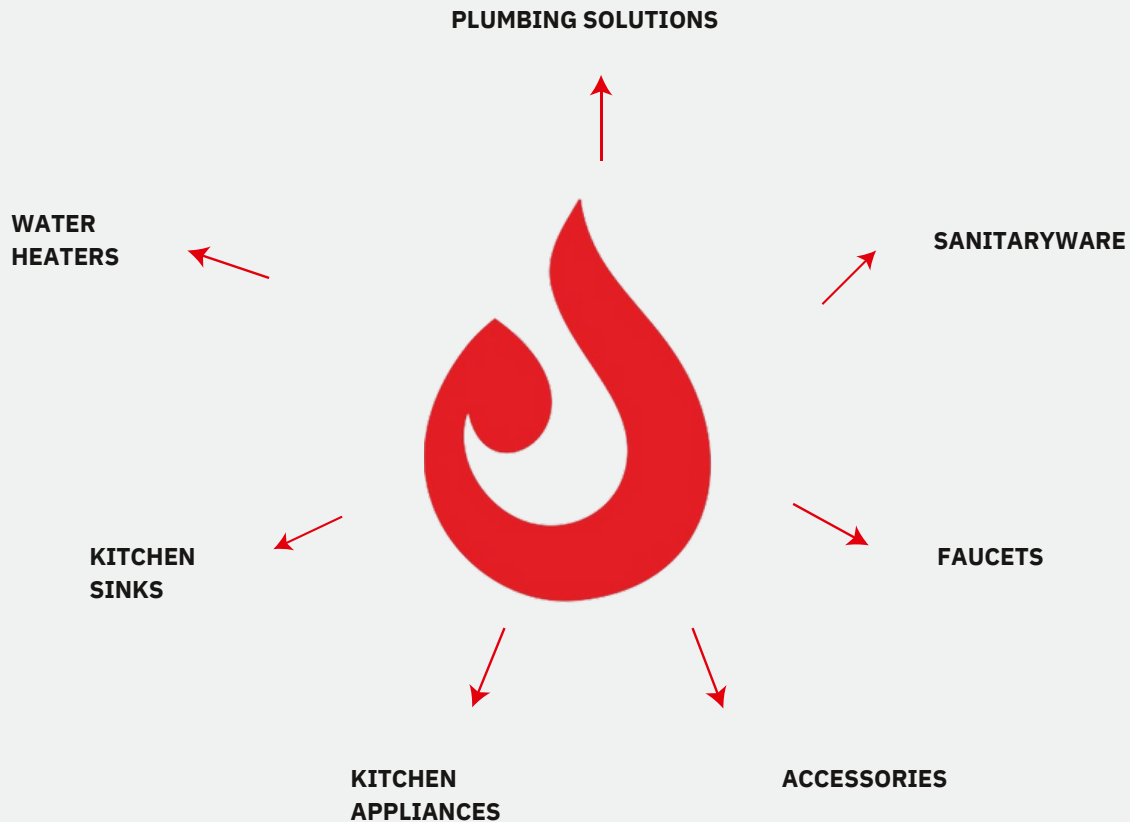
DEXOVIT

CPVC PIPING SYSTEM



For Hot And Cold Water Applications

We strive to offer best-in-class products that meet the industry-standards.



What is CPVC?

Chlorinated polyvinyl chloride (CPVC) is a thermoplastic produced by chlorination of polyvinyl chloride (PVC) resin and is used for hot and cold water lines. CPVC is the first choice of material for potable water supply and is in use across the world for more than 50 years. It is ideal for use in hot and cold water applications in villas and individual homes, residential apartments, office complexes, commercial buildings, hotels and hospitals.

APPLICATIONS



Indoor and outdoor installations of hot & cold water plumbing lines



For concealed, downtake & terrace looping



Public utilities & swimming pools



Residential & commercial buildings



Solar water heaters

Features of CPVC

DEXOVITTM CPVC PIPING SYSTEM



DEXOVITTM CPVC PIPING SYSTEM



Approved
Compound

Dexovit CPVC Pipes & Fittings are manufactured from Lubrizol's NSF/ANSI 14 certified TEMPRITE® 88619 TAN 311 & TEMPRITE® 88096 TAN 311 CPVC compounds respectively



Suitable for use up to 93°C



High tensile and impact strength



Freedom from toxicity, bad odour & taste



UV resistant



Consistent product quality



Low thermal expansion



25% Higher pressure bearing capacity at higher temperatures

10 Assurances With Dexovit

#01

STATE OF THE ART
MANUFACTURING FACILITIES



#02

ADVANCED MACHINERY
FOR SUPERIOR QUALITY



#03

ADVANCED MATERIAL
HANDLING SYSTEMS



#04

100% INCOMING RAW
MATERIAL INSPECTION



#05

HIGH DIMENSIONAL ACCURACY
TO MAINTAIN QUALITY OF
EACH PIECE, TO ENSURE
A DEFECT FREE SYSTEM



#06

STRINGENT QUALITY
CHECKS AT EVERY LEVEL
OF PRODUCTION



#07

100% FINISHED GOODS
INSPECTION



#08

MULTIPLE QUALITY CHECKS
IN PLACE FOR EVERY CPVC
BRASS FITTING THAT LEAVES
THE FACTORY.



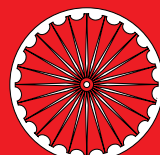
#09

EVERY BATCH OF
PRODUCTS LAB TESTED



#10

REGULAR EXTERNAL LAB
TESTING OF PRODUCTS
IN INDIA.





DEXOVIT

CPVC PIPING SYSTEM

IDEAL FOR HOT AND COLD WATER PLUMBING

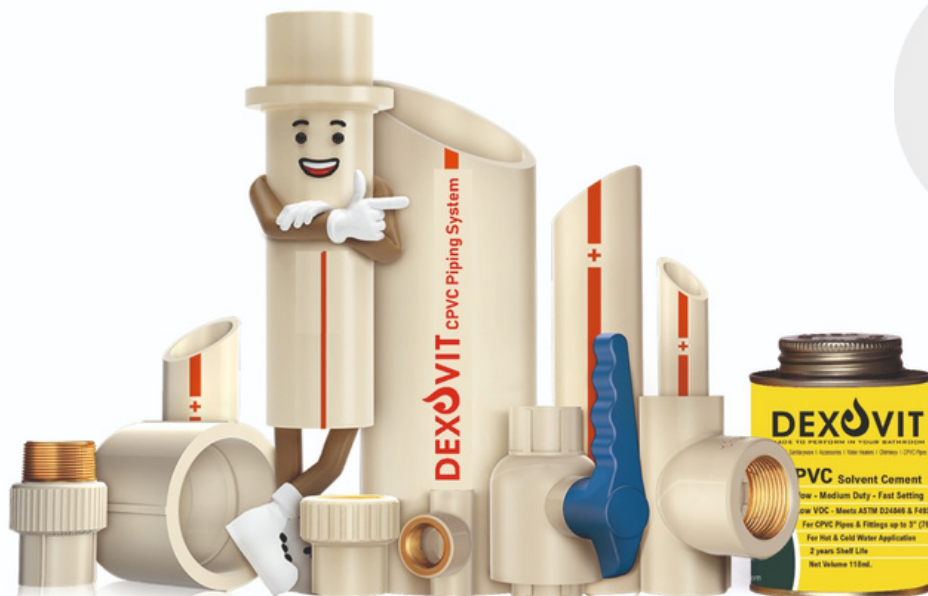


NSF CERTIFIED FOR SOLVENT CEMENT ONLY

NSF

pw-G-dwv-sw
U.P. Code

For Copper Tube Size
CPVC thru 2" Dia.
(50 mm) Interference Fit



Pipes as per
IS: 15778

ASTM

(SDR 11)

Fittings as per:
ASTM D 2846 (SDR 11)

DEXOVIT CPVC FITTING RANGE

<p>COUPLER</p>  <p>3/4" to 1.5"</p>	<p>ELBOW 90°</p>  <p>3/4" to 1.5"</p>	<p>EQUAL TEE</p>  <p>3/4" to 1.5"</p>	<p>FEMALE TYPE ADAPTER BRASS</p>  <p>3/4" X 1/2"</p>
<p>MALE TYPE ADAPTER BRASS</p>  <p>3/4"X1/2", 3/4"X3/4", 1"X1/2"</p>	<p>REDUCING TEE</p>  <p>1"X3/4", 1.25"X3/4", 1.24X1"</p>	<p>REDUCING ELBOW</p>  <p>1"X3/4", 1.25"X3/4"</p>	<p>ELBOW THREADED BRASS</p>  <p>20 x 15mm & 25 x 15 m (3/4" x 1/2" & 1 X 1/2")</p>
<p>TEE THREADED BRASS</p>  <p>20 x 15mm & 25 x 15 m (3/4" x 1/2" & 1 X 1/2")</p>	<p>MALE THREADED ADAPTOR (MTA)</p>  <p>3/4" to 1.5"</p>	<p>REDUCER COUPLER</p>  <p>25 X 20mm, 32 X 20mm (1X3/4, 1.25X3/4)</p>	<p>REDUCING BUSH</p>  <p>25 X 20mm, 32 X 20mm (1X3/4, 1.25X3/4)</p>
<p>FEMALE THREADED ADAPTOR (FTA)</p>  <p>3/4" to 1.5"</p>	<p>CROSS OVER</p>  <p>3/4", 1" & 1.25"</p>	<p>END CAP</p>  <p>3/4" to 1.5"</p>	<p>UNION</p>  <p>3/4" to 1.5"</p>
<p>TANK CONNECTOR SOCKET TYPE (PLAIN)</p>  <p>20 to 25mm (3/4" to 1")</p>	<p>SINK MIXER ADAPTER ALL ANGLE ONE MASTER</p>  <p>3/4" X 1/2"</p>	<p>CPVC NAIL CLAMP</p>  <p>3/4" to 1.5"</p>	<p>END PLUG</p>  <p>0.5"</p>

DEXOVIT CPVC FITTING RANGE

CPVC Ball VALVE



3/4" to 1.5"

Ball VALVE HANDLE LONG



3/4" to 1.5"

CPVC CEMENT SOLVENT



118 ml

WHAT MAKES YOU TO CHOOSE US?



QUALITY CERTIFIED



PERFECT FIT



LEAK PROOF



HIGH IMPACT STRENGTH



25% HIGHER
PERFORMANCE



DURABLE
DESIGNED LIFE

SALIENT FEATURE



Better Tensile
Strength



Better Flexural
Strength



Chemical
Resistance



Thermal
Resistance



Durable & Strong



Recyclable



Weather
Resistance



Lead Free



100% Chlorine
Resisted Pipe



Profitable



No Maintenance



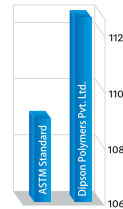
For Hot & Cold
Water Uses.

Dimension and Technical Details of cPVC Pipes as Per IS : 15778

Size Nominal Bore		Nominal Outside Diameter		SDR 13.5 Wall Thickness		SDR 13.5 Working Pressure		SDR 11 Wall Thickness		SDR 11 Working Pressure	
(Inch)	(mm)	(Inch)	(mm)	(Min)	(Max)	(23°C) kg/Cm2	(82°C) kg/Cm2	(Min)	(Max)	(23°C) kg/Cm2	(82°C) kg/Cm2
½	15	0.625	15.9	1.4	1.9	22.5	5.6	1.7	2.2	28.10	7.0
¾	20	0.875	22.2	1.7	2.2	22.5	5.6	2.0	2.5	28.10	7.0
1	25	1.125	28.6	2.1	2.6	22.5	5.6	2.6	3.1	28.10	7.0
1 ¼	32	1.375	34.9	2.6	3.1	22.5	5.6	3.1	3.7	28.10	7.0
1 ½	40	1.625	41.3	3.1	3.6	22.5	5.6	3.8	4.3	28.10	7.0
2	50	2.125	54	4.0	4.6	22.5	5.6	4.9	5.5	28.10	7.0

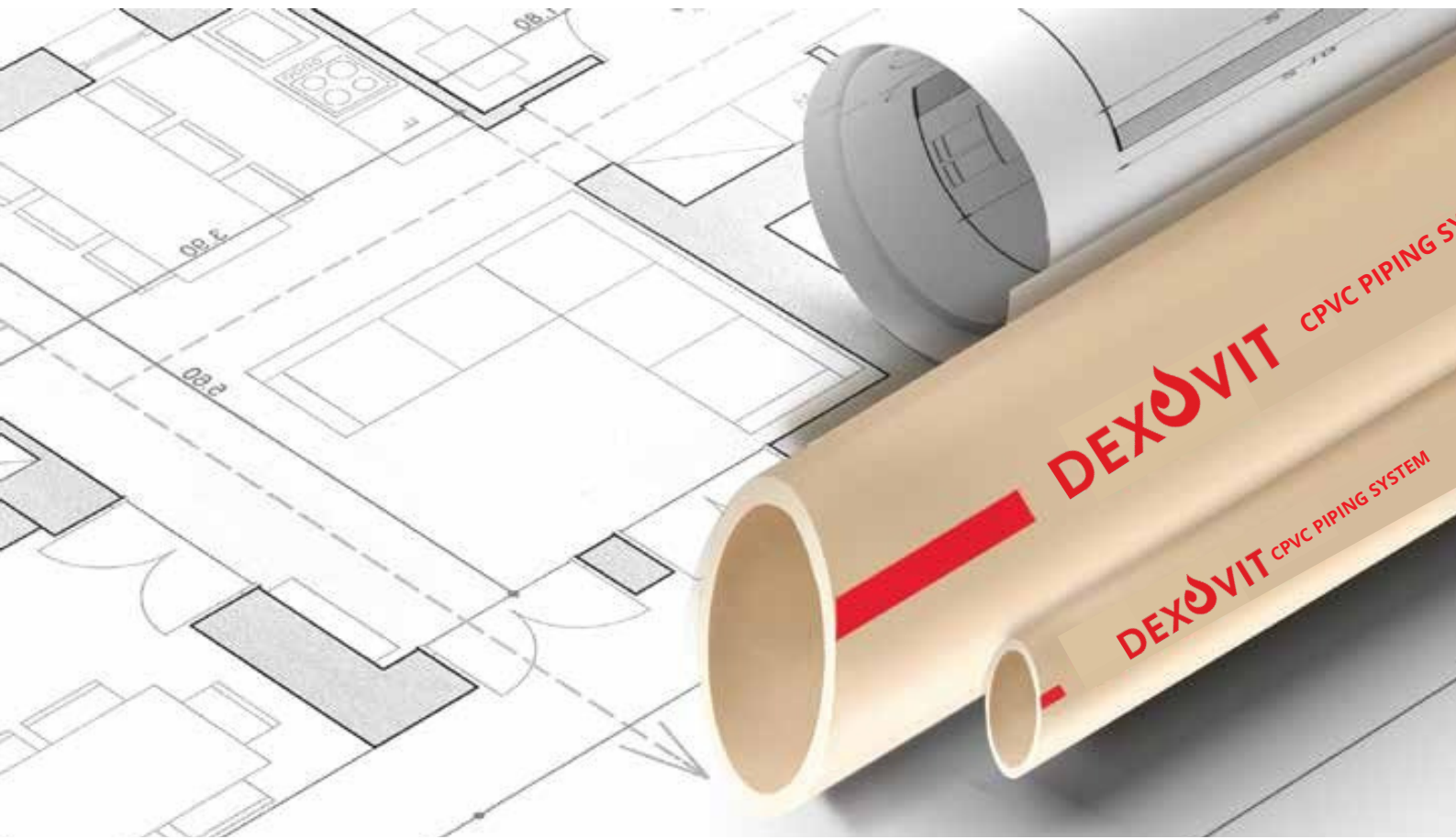
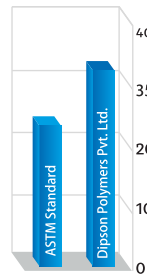
VICAT SOFTNING POINT

	Dexovit	ASTM Standard
(C)	112	109



HYDROSTATIC WATER TEST

	Dexovit	ASTM Standard
kgf Pressure	35	22.5



Solvent cement instructions



Recommendations

One Step Solvent cement is recommended for joining of pipes and fittings upto 2" in diameter.

Two Step Solvent cement is recommended for joining of pipes and fittings above 2" in diameter.

1. The following procedures shall be clearly understood and followed:

- The joining surfaces must be softened (dissolved) and made semi-fluid.
- Sufficient solvent cement must be applied to fill the gap between pipe and fitting.
- Assembly of pipe and fitting must be made while the surfaces are still wet and fluid.
- Joint strength develops as the solvent cement dries.

In the tight part of the joint, the surfaces will tend to fuse together; in the loose part, the One-Step solvent cement will bond to both surfaces.

2. For 1/2" to 2" (12 mm to 50 mm) diameters penetration and dissolving can be achieved by using the One-Step solvent cement itself (see Figure 1). **DO NOT USE A PRIMER WITH ONE-STEP SOLVENT CEMENT.**

3. Sufficient One-Step solvent cement must be applied to fill the gap in the loose part of the joint (see Figure 2). Besides filling the gap, adequate One-Step solvent cement layers will penetrate the surfaces and also remain wet until the joint is assembled.

4. If the One-Step solvent cement coatings on the pipe and fittings are wet and fluid when assembly takes place, they will tend to flow together and become one solvent cement layer. Also, if the solvent cement is wet, the surfaces beneath them will still be soft, and these dissolved surfaces in the tight part of the joint will tend to fuse together (see Figure 3).

5. As the solvent dissipates, the One-Step solvent cement layer and the dissolved surfaces will dry and harden with a corresponding increase in joint strength. Completed joints should not be disturbed until they have cured sufficiently to withstand handling. Joint strength develops as the One-Step solvent cement dries. For information about curing and hardening and the minimum time before the piping system can be pressure tested.

Figure 1: outside of pipe and inside the fitting socket to be softened and penetrated

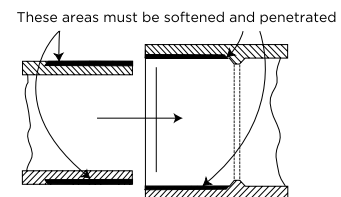


Figure 2: solvent cement coatings of sufficient thickness applied uniformly around pipe and inside fitting socket

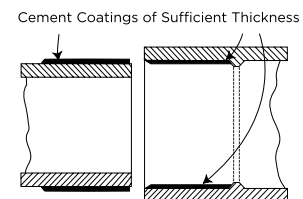
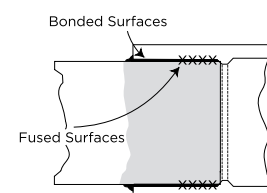


Figure 3: fused and bonded surfaces of joined pipe and fitting

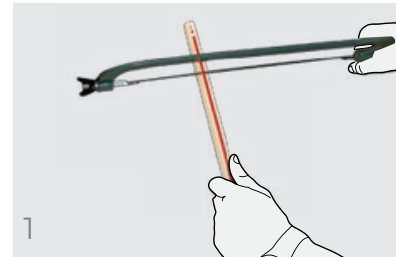


Warning:
Follow all preparation and installation procedures.

Easy and 100% leakproof installation.

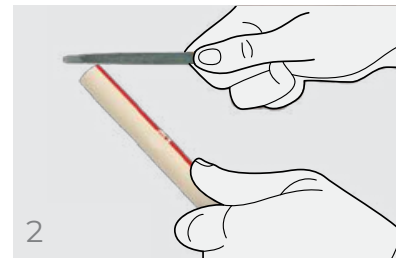
Step 1: Cutting

Measure the pipe length accurately and make a visible marking using a felt tip pen. Ensure that the pipe and fittings are size 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.



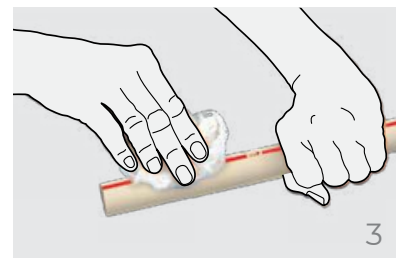
Step 2: Deburring/Beveling

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 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

Using a clean dry rag, 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: One Step Solvent Cement Procedure

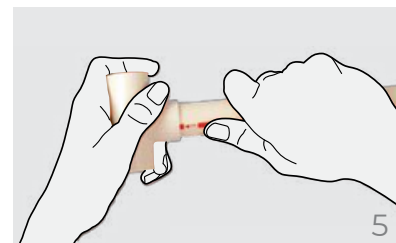
Use only Dexovit CPVC Solvent cement conforming to ASTM F-493 to ensure a perfect solvent weld joint. When making a joint, apply an even coat of solvent cement at the end of the pipe and also inside the fitting socket. Do not use thickened or lumpy solvent cement. It should have a flow consistency like that of syrup or paint..

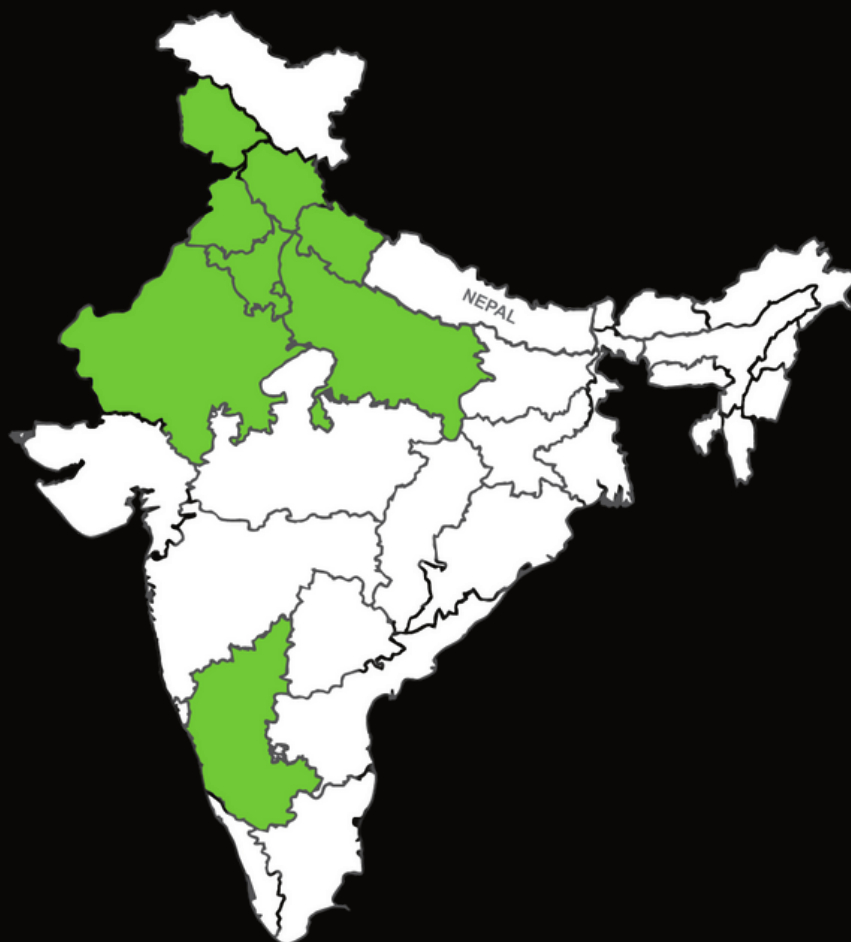


Step 5: Assembly

Immediately insert the pipe into the fitting socket, rotate the pipe 1/4 to 1/2 turn while inserting. This motion ensures an even distribution of solvent cement within the joint. Properly align the fittings as per patented alignment system shown with picture diagram on the right side. Hold the assembly for 30 seconds to allow the joint to setup and avoid push-out.

A bead of One-Step solvent cement must be formed around the entire socket fitting entrance. With a clean, dry cloth remove the excess solvent cement from the surface of the pipe and fitting.





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Toll Free: 1800 123 1087

Please Call between 10 am to 6 pm

Follow us on:



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GeM Seller Id: NJ75220006476818

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