

EASYFIT

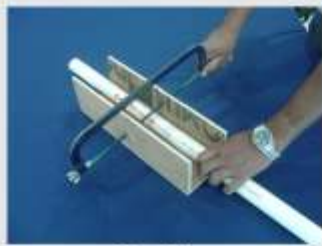
UPVC PRESSURE PLUMBING SYSTEMS
(s o l v e n t w e l d)

Available Range: 1/2" to 2"

PROFILE



ASTM-PLUMBING SYSTEMS-SOLVENT WELD



Cutting



Deburring



Roughening



Solvent Cementing



Jointing



Cleaning



Installation

Specifications

Material	Unplasticized PVC - U.V. Stabilized.
Colour	Ivory
Standards	Pipes - Schedule 40 & 80 - As per ASTM D - 1785 (Plain ended)
	Fittings - Schedule 80 - As per ASTM D - 2467
Working Temperature	Upto 60°C - Continuous
	Upto 90°C - Short time - upto 3mins.
Test	Tested for potable water supply under guidelines of
	IS - 4985 - for Pipes
	IS - 7834 - for Fittings



Dimension and Water pressure rating at 23°C for solvent weld pipes as per ASTM D-1785

Nominal Bore (inch)	Outside Diameter (mm)	Schedule 40		Schedule 80	
		Wall Thickness (mm)	Working Pressure Kg/cm ²	Wall Thickness (mm)	Working Pressure Kg/cm ²
1/2"	21.34 ± 0.10	2.77 + 0.51	41.4	3.73 + 0.51	58.6
3/4"	26.67 ± 0.10	2.87 + 0.51	33.1	3.91 + 0.51	47.6
1"	33.40 ± 0.13	3.38 + 0.51	31.0	4.55 + 0.53	43.4
1 1/4"	42.16 ± 0.13	3.56 + 0.51	25.5	4.85 + 0.58	35.9
1 1/2"	48.26 ± 0.15	3.68 + 0.51	22.8	5.08 + 0.61	32.4
2"	60.32 ± 0.15	3.91 + 0.51	19.3	5.54 + 0.66	27.6

Features & Benefits

Light weight	Easy to transport, store, handle and install, saves labour.
Solvent cement joint	Quick installation. Saves installation cost.
Smooth Bore	Ensures higher flow compared to G.I. pipeline of the same size. No clogging. Saves operational cost.
Corrosion resistance	Bore diameter remains constant, ensuring constant flow over lifetime.
Low Maintenance	Superior resistance to most of the chemicals, no scaling, makes the system almost maintenance free.
Life	More than 50 years.
Cost effective	Added value for your money

Application

1. Water connections for buildings
2. Water distribution systems for bathrooms, washing places, kitchen and toilets in residential buildings, commercial buildings, hotels, hospitals, schools, colleges and public places such as airports, bus station, railway station etc.

Jointing Methods

Solvent cement joint

- a. Cut the pipe of required length & clean the end.
- b. Chamfer the cut edge on the pipe for easy entry.
- c. Mark the depth of insertion on pipe end.
- d. Roughen the pipe insertion surface (externally) & socket of the fitting (internally) by using emery paper.
- e. Apply a thin coat of PVC solvent cement on the roughened surface with a brush. Avoid excess solvent cement.
- f. Insert the pipe end inside socket fitting fully and turn through 90° for even spreading of solvent cement. Hold the joint for about 3 minutes.
- g. Cure the joint for 24 hrs. for a proper and permanent joint.

Note: PVC fittings with one-side threads are available for jointing with other threaded pipes or fittings.

For Thread Jointing.

- a. Clean the Male & Female threads.
- b. Apply teflon tape in the direction of the thread tightening.
- c. Hand-tighten the threads firmly.
- d. Tighten the joint little more by using pipe wrench. Do not over tighten. Use rubber packing to avoid scratches on pipe.

UPVC - Agri Pipes & Fittings, Plumbing Pipes & Fittings, Roof Water Systems, Borewell Systems, Valves, Taps
PP-R - Plumbing Systems

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