

Plumbing Pipes & Fittings

POLY INDIA uPVC pipes and fittings are specifically designed for cold water operations in residential buildings and offices. These pipes and fittings are manufactured as per ASTM D 1785, and are available in sizes from 15mm to 150mm in SCH 40 & SCH 80 Classes.

POLY INDIA manufactures "Lead Free" uPVC Plumbing system which is a true engineer's and architect's delight



Features



Odourless and hygienic



Resistant to corrosion



Weather resistance



Inert to chemical



Strong & Light Weight



Easy to Install



Allows seamless operation up-to 60° C continuously and upto 90° C for short time



Non toxic



Good thermal and electrical Insulation



Lead Free



Fire Resistant and termite proof



Cost Effective

Fields of Applications-Cold water plumbing application-

1

Cold water supply in buildings

2

Industrial processing lines

3

Swimming pools

4

Salt water lines

5

Aggressive / corrosive fluid transportation

6

Dye , chrome, zinc plating and tanning plants

7

Sugar, paper and distillery industries

8

Coal washing and ash handling

Standards

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	<ul style="list-style-type: none"> Solvent Cement Socket Joint. For transition joints, fittings with plastic threads & metal threaded inserts are available.
15 to 250	SCH - 80	ASTM D - 1785		15 to 100	SCH - 80	ASTM D 2467	

Dimensions

Dimensional & working pressure details for UPVC Pipes (Solvent Weld) at 23°C

Nominal Bore		Outside Diameter	Sch-40		Sch-80	
			Wall Thickness	Working Pressure	Wall Thickness	Working Pressure
(mm)	(inch)	(mm)	(mm)	(Kg/cm ²)	(mm)	(Kg/cm ²)
15	1/2	21.34 +/- 0.10	2.77 + 0.51	42.40	3.73 + 0.51	59.75
20	3/4	26.67 +/- 0.10	2.87 + 0.51	33.75	3.91 + 0.51	48.50
25	1	33.40 +/- 0.13	3.38 + 0.51	31.60	4.55 + 0.53	44.25
32	1 ¼	42.16 +/- 0.13	3.56 + 0.51	26.00	4.85 + 0.58	36.60
40	1 ½	48.26 +/- 0.15	3.68 + 0.51	23.25	5.08 + 0.61	33.00
50	2	60.32 +/- 0.15	3.91 + 0.51	19.65	5.54 + 0.66	28.10
65	2 ½	73.02 +/- 0.18	5.16 + 0.61	21.10	7.01 + 0.84	29.55
80	3	88.90 +/- 0.20	5.49 + 0.66	18.25	7.62 + 0.91	26.00
100	4	114.30 +/- 0.23	6.02 + 0.71	15.50	8.56 + 1.02	22.50
150	6	168.28 +/- 0.28	7.11 + 0.86	12.60	10.97 + 1.32	19.65
200	8	219.10 +/- 0.38	8.18 + 0.99	11.20	12.70 + 1.52	17.50
250	10	273.00 +/- 0.38	9.27 + 1.12	9.90	15.06 + 1.80	16.20

Working pressure details for UPVC Fittings (Solvent Weld) at 23°C

Nominal Bore		Sch-40	Sch-80
		Working Pressure	Working Pressure
(mm)	(inch)	(Kg/cm ²)	(Kg/cm ²)
15	1/2	25.30	35.85
20	3/4	20.25	29.10
25	1	18.95	26.55
32	1 ¼	15.60	21.95
40	1 ½	13.95	19.80
50	2	11.75	16.85
65	2 ½	--	17.70
80	3	--	15.60
100	4	--	13.50
150	6	7.50	--



Garden Pipes

POLY INDIA Garden Pipe is a flexible tube commonly used to flush water for gardening, lawn care and other landscaping purposes. They are also used for cleaning of vehicles, pets, equipment's and also at construction sites, industries etc.

Garden pipes are all weather pipes that can withstand any degree of rise and drop in temperature without melting or getting stiff. Made from superior raw materials, these pipes don't damage or twist or tangle or crack if kept unused or even when used daily. The high quality pigments used in these pipes prevent the colours from fading. Moreover, POLY INDIA Garden Pipes are non-carcinogenic pipes, i.e. these pipes are not made using any chemicals that result in cancer in humans.

POLY INDIA Garden Pipes are translucent that discourage the growth of any algae or fungus, hence making them safe to use. These are heavy weight pipes made of good quality material. Overall Poly India Garden Pipes are value for money.

Now a days roof top gardens, organic farming, customized farming are trending, which makes Garden Pipes even more useful.

Made in India. Made for Green India.

Available Sizes

1/2" / 15mm 30M	3/4" / 20mm 30M
1.0" / 25mm 30M	1-1/4" / 32mm 30M
1-1/2" / 40mm 30M	2" / 50mm 30M

Unique Features



Non-carcinogenic



All Weather Pipes



Food Safe



Flexible And Durable



Eco Friendly



Phthalate Free



Applications

1

Construction

2

Industrial Processing Lines

3

Gardening

4

Industrial

• All Season Pipes • Quality Finish • Superior Strength and Flexibility • Highly Durable