

## uPVC AGRICULTURE PIPES

'Kelvin' Agriculture pipes are manufactured as per IS 4985:2000 standard and are available from 20 mm to 400 mm diameter in different pressure class. Pipes are available in solvent cement type and rubber seal type joints. We also manufacture variety of hand moulded fittings for uPVC Agriculture pipe.

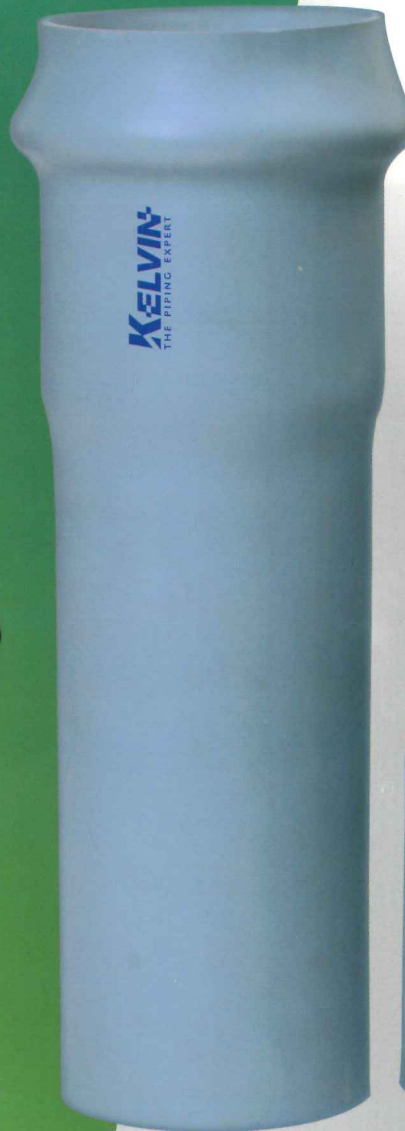
IS: 4985



CM/L-3765677

TUV INDIA

TUV NORD GROUP  
ISO 9001:2015  
Certificate No.  
QM 02 01250



## SALIENT FEATURES

- Manufactured from high quality PVC compound which gives a long life to the pipe
- Impact Resistant
- Lighter than galvanized pipes
- Excellent Corrosion and Chemical resistant
- Weather Resistant
- Smooth inner surface hence better characteristics and low frictional loss
- Non Toxic and prevents bacterial growth hence are suitable to carry drinking water
- Good thermal and electrical insulation
- Self-extinguishing
- Easy to install, repair & replace

## APPLICATIONS

- Irrigation purpose
- Portable water distribution in urban and rural Areas
- Waste and rain water drainage systems
- Disposal of chemical effluent
- Main line for drip irrigation and sprinkler systems
- Telecommunication cable ducting
- Lift and gravity irrigation systems

## TECHNICAL SPECIFICATIONS

uPVC Agriculture Pipe as per IS-4985:2000

Nominal Size	Mean Outside Diameter (mm)		Outside Diameter At Any Point (mm)		Ringfit Pipe and Solvent Cement Jointing Pipe Working Pressure and Thickness (mm)											
					Class-1 2.5 kgf/cm <sup>2</sup> (0.25 MPa)		Class-2 4 kgf/cm <sup>2</sup> (0.4 MPa)		Class-3 6 kgf/cm <sup>2</sup> (0.6 MPa)		Class-4 8 kgf/cm <sup>2</sup> (0.8 MPa)		Class-5 10 kgf/cm <sup>2</sup> (1.0 MPa)		Class-6 12.5 kgf/cm <sup>2</sup> (1.25 MPa)	
	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
20.0	20.0	20.3	19.5	20.5	-	-	-	-	-	-	-	-	1.1	1.5	1.4	1.8
25.0	25.0	25.3	24.5	25.5	-	-	-	-	-	-	-	1.2	1.6	1.4	1.8	
32.0	32.0	32.3	31.5	32.5	-	-	-	-	-	-	-	1.5	1.9	1.8	2.2	
40.0	40.0	40.3	39.5	40.5	-	-	-	-	1.4	1.8	1.8	2.2	2.2	2.7	2.8	3.3
50.0	50.0	50.3	49.4	50.6	-	-	-	-	1.7	2.1	2.3	2.8	2.8	3.3	3.4	4.0
63.0	63.0	63.3	62.2	63.8	-	-	1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1	4.3	5.0
75.0	75.0	75.3	74.1	75.9	-	-	1.8	2.2	2.6	3.1	3.4	4.0	4.2	4.9	5.1	5.9
90.0	90.0	90.3	88.9	91.1	1.3	1.7	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7	6.1	7.1
110.0	110.0	110.4	108.6	111.4	1.6	2.0	2.5	3.0	3.7	4.3	4.9	5.6	6.1	7.1	7.5	8.7
125.0	125.0	125.4	123.5	126.5	1.8	2.2	2.9	3.4	4.3	5.0	5.6	6.4	6.9	8.0	8.5	9.8
140.0	140.0	140.5	138.3	141.7	2.0	2.4	3.2	3.8	4.8	5.5	6.3	7.3	7.7	8.9	9.5	11.0
160.0	160.0	160.5	158.0	162.0	2.3	2.8	3.7	4.3	5.4	6.2	7.2	8.3	8.8	10.2	10.9	12.6
180.0	180.0	180.6	177.8	182.2	2.6	3.1	4.2	4.9	6.1	7.1	8.0	9.2	9.9	11.4	12.2	14.1
200.0	200.0	200.6	197.6	202.4	2.9	3.4	4.6	5.3	6.8	7.9	8.9	10.3	11.0	12.7	13.6	15.7
225.0	225.0	225.7	222.3	227.7	3.3	3.9	5.2	6.0	7.6	8.8	10.0	11.5	12.4	14.3	15.3	17.6
250.0	250.0	250.8	247.0	253.0	3.6	4.2	5.7	6.5	8.5	9.8	11.2	12.9	13.8	15.9	17.0	19.6
280.0	280.0	280.9	276.6	283.4	4.1	4.8	6.4	7.4	9.5	11.0	12.5	14.4	15.4	17.8	19.0	21.9
315.0	315.0	316.0	311.2	318.8	4.6	5.3	7.2	8.3	10.7	12.4	14.0	16.1	17.3	19.9	21.4	24.7
355.0	355.0	356.1	350.7	359.3	5.1	5.9	8.1	9.4	12.0	13.8	15.8	18.2	19.6	22.6	24.1	27.8
400.0	400.0	401.2	395.2	404.8	5.8	6.7	9.1	10.5	13.5	15.6	17.8	20.5	22.0	25.3	27.2	31.3

\* All Technical Specifications are Subject to change without prior notice.  
Recommended Max. working temp. up to 60 C

## PREMIUM QUALITY PIPES & FITTINGS



**KELVIN**  
THE PIPING EXPERT

**KELVIN PLASTIC PRIVATE LIMITED**

FACTORY

Survey No.108/p , Near Toll Plaza, Rajkot-Gondal National Highway-27, At. BHUNAVA, Tal. Gondal, Dist. Rajkot. 360311 - Gujarat (India)  
P +91-2827-270493 / 94 | E sales@kelvinpipe.com | W www.kelvinpipe.com