

# KOTHARI U-PVC AGRICULTURE SELF FIT PIPE

## OVERVIEW

Kothari Group offers an extensive range of agriculture U-PVC pressure pipes and fittings. These pipes and fittings are designed specifically for different pressure rating. Kothari U-PVC agriculture pressure pipes are light in weight, easy for transportation and installation, and have a high flow rate. High resistance to chemicals and corrosion ensures an extended product life.

Selffit pipes - One end of the Selffit pipe is self-socketed and the other is plain. The snug fit of one pipe into the other due to the self-socketed and plain pipe fitment and solvent cement application, eliminates the use of any couplers.

**AVAILABLE SIZES** : 20 mm to 315 mm diameters

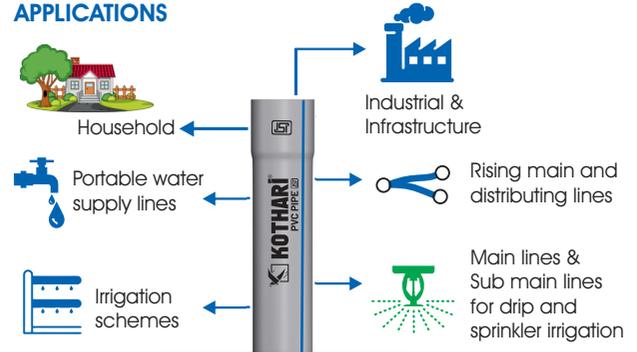
**Pressure ratings** : 2.5, 4, 6, 8, 10 & 12.5 kgf/cm<sup>2</sup> working pressure.

## FEATURES AND BENEFITS

 Lead Free Pipes	 Suitable for drinking water application	 Cost Effective
 Made from high quality uPVC compound	 Resistance to most acidic & alkaline solutions.	 High Strength
 Peace of mind assured	 High flow characteristics	 Leak Free



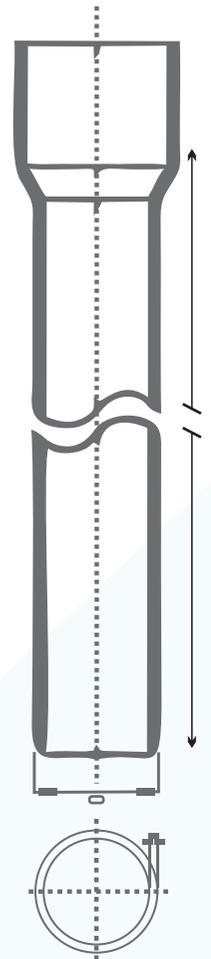
## APPLICATIONS



## Technical Specifications

Dimension of Unplasticized Self Fit PVC Pipes As Per IS 4985 : 2021

Nominal Outside Diameter (Nominal Size)	Mean Outside Diameter		WALL THICKNESS											
			Class 2 0.25 MPa		Class 2 0.4 MPa		Class 3 0.6 MPa		Class 4 0.8 MPa		Class 5 1.0 MPa		Class 6 1.25 MPa	
			Min	Max	Min	Max	Min	Max	Min	Max	Min	Max	Min	Max
20	20.0	20.3	-	-	-	-	-	-	-	-	1.1	1.5	1.4	1.8
25	25.0	25.3	-	-	-	-	-	-	1.2	1.6	1.4	1.8	1.7	2.1
32	32.0	32.3	-	-	-	-	-	-	1.5	1.9	1.8	2.2	2.2	2.7
40	40.0	40.3	-	-	-	-	1.4	1.8	1.8	2.2	2.2	2.7	2.8	3.3
50	50.0	50.3	-	-	-	-	1.7	2.1	2.3	2.8	2.8	3.3	3.4	4.0
63	63.0	63.3	-	-	1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1	4.3	5.0
75	75.0	75.3	-	-	1.8	2.2	2.6	3.1	3.4	4.0	4.2	4.9	5.1	5.9
90	90.0	90.3	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	110.0	110.4	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	125.0	125.4	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	140.0	140.5	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	160.0	160.5	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	180.0	180.6	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	200.0	200.6	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	225.0	225.7	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	250.0	250.8	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	280.0	280.9	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	315.0	315.0	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	355.0	355.1	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	400.0	400.2	5.8	6.7	9.1	10.5	13.5	15.6	17.8	20.5	22.0	25.3	27.2	31.3



**Note 1** : The table is based on metric series of pipe dimension given in ISO 161/1 in respect of pipe dimensions and ISO DIS 4422.

**Note 2** : The wall thickness of pipe is based on a safe working stress of 8.6 Mpa at 27°C. The working pressure gets reduced at sustained higher temperatures. Occasional rise in temperature, as in summer, with concurrent corresponding reduction in temperature during nights has no deleterious effect on the working pressure of the pipes considering the total life of pipe.