

AGRI Pipes & Fittings



For Agriculture Solutions

Specifications :

Sunkoll uPVC pipes are made from highest grade quality resin. These pipes & fittings are mainly used for water supply in agriculture, drip irrigation & sprinkler lines etc as well as for drinking water distribution. However, these can also be used in cable ducting, ventilation pipe lines & slurry lines etc.



High Corrosion Resistance



Strength & Quality



Chemical Resistance



Cost Effective



Easy To Install

Advantages

- Easy handling, transportation and installation.
- Smooth bore ensures higher flow compared to G.I. pipes and fittings. Saves operational cost.
- Better flow and leak-proof joining.
- Corrosion resistance, uPVC is rustproof material therefore bore diameter remains constant, ensuring constant flow over a lifetime.
- Long working life.
- Cost effective.

Application

- Water supply and distribution scheme
- Lift irrigation
- Main and sub main line for drip and sprinkler irrigation system
- Fertilizer, lifting, transporting, conveying, distributing disposing or tapping water
- Drinking water supply and distribution

Product range : 20 mm to 315 mm for Pipes & 40 mm to 160 mm for Fittings

Pressure Rating : 2.5 kg/cm² to 10.0 kg/cm²

Standard : Pipes : IS 4985 : 2000

Colour : Light Grey

Length : Available in 6 meter

Types : Plain ended


Socketed pipe for elastomeric sealing ring

Socketed pipe for solvent cement jointing

Technical Parameters

Nominal Diameter	Mean Outside Diameter	Outer Diameter at any Point	Wall Thickness												
			Class - 1 2.5 kg/cm ²		Class - 2 4 kg/cm ²		Class - 3 6 kg/cm ²		Class - 4 8 kg/cm ²		Class - 5 10 kg/cm ²				
inch	mm	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
½"	20	20	20.3	19.5	20.5	-	-	-	-	-	-	-	-	1.1	1.5
¾"	25	25	25.3	24.5	25.5	-	-	-	-	-	-	1.2	1.6	1.4	1.8
1"	32	32	32.3	31.5	32.5	-	-	-	-	-	-	1.5	1.9	1.8	2.2
1¼"	40	40	40.3	39.5	40.5	-	-	-	-	1.4	1.8	1.8	2.2	2.2	2.7
1½"	50	50	50.3	49.4	50.6	-	-	-	-	1.7	2.1	2.3	2.8	2.8	3.3
2"	63	63	63.3	62.2	63.8	-	-	1.5	1.9	2.2	2.7	2.8	3.3	3.5	4.1
2½"	75	75	75.3	74.1	75.9	-	-	1.8	2.2	2.6	3.1	3.4	4.0	4.2	4.9
3"	90	90	90.3	89.9	91.1	1.3	1.7	2.1	2.6	3.1	3.7	4.0	4.6	5.0	5.7
4"	110	110	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
4½"	125	125	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
5"	140	140	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
6"	160	160	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
7"	180	180	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
8"	200	200	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
9"	225	225	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
10"	250	250	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
11"	280	280	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
12"	315	315	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

Agri Pipe

AS PER IS 4985 : 2000 



Size		Price in ₹ (Per Mtr.) Length 6 Mtr.		
inch	mm	Class - 1 2.5 kg/cm ²	Class - 2 4 kg/cm ²	Class - 3 6 kg/cm ²
2"	63	-	150.00	212.00
2½"	75	-	218.00	294.00
3"	90	199.58	300.00	422.00
4"	110	296.05	428.00	608.00
5"	140	462.37	708.00	1002.00
6"	160	596.53	938.00	1312.00
7"	180	768.40	1168.56	1658.23
8"	200	926.96	1451.06	2024.11
9"	225	1266.25	1837.59	2625.13
10"	250	1532.36	2257.61	3282.66

Agri Fittings



COUPLER			
Size		Packing Qty.	Price in ₹ (Per Piece)
inch	mm		
1¼"	40	-	17.80
1½"	50	-	27.00
2"	63	84	27.80
2½"	75	125	40.80
3"	90	64	56.20
4"	110	64	79.60



ELBOW 90°			
Size		Packing Qty.	Price in ₹ (Per Piece)
inch	mm		
1¼"	40	-	18.40
1½"	50	200	34.40
2"	63	180	44.40
2½"	75	115	60.20
3"	90	65	82.40
4"	110	36	117.98
5"	140	24	-



REDUCER COUPLER			
Size		Packing Qty.	Price in ₹ (Per Piece)
inch	mm		
1¼" x 1"	40 x 32	-	-
1½" x 1"	50 x 32	-	-
1½" x 1¼"	50 x 40	-	-
2" x 1"	63 x 32	126	-
2" x 1¼"	63 x 40	126	-
2" x 1½"	63 x 50	126	-
2½" x 1"	75 x 32	-	44.00
2½" x 1¼"	75 x 40	-	47.60
2½" x 1½"	75 x 50	96	55.60
2½" x 2"	75 x 63	96	50.40
3" x 1½"	90 x 50	112	-
3" x 2"	90 x 63	112	-
3" x 2½"	90 x 75	112	-
4" x 1"	110 x 32	-	121.00
4" x 1¼"	110 x 40	-	122.20
4" x 1½"	110 x 50	64	120.40
4" x 2"	110 x 63	64	122.40
4" x 2½"	110 x 75	64	124.00
5" x 2"	140 x 63	30	-
5" x 2½"	140 x 75	30	-
5" x 3"	140 x 90	30	-
5" x 4"	140 x 110	30	-
6" x 4"	160 x 110	-	-
6" x 5"	160 x 140	-	-



TEE			
Size		Packing Qty.	Price in ₹ (Per Piece)
inch	mm		
1¼"	40	-	26.20
1½"	50	-	43.00
2"	63	115	58.60
2½"	75	84	78.20
3"	90	50	115.80
4"	110	26	163.00
5"	140	17	-



uPVC Column Pipes

suitable
up to
1500
Feet



For Submersible Pumps

Specifications :

Sunkoll Bore-Well Column pipes are used for bringing out underground stream water via submersible pumps. Sunkoll Bore-Well pipes are lead-free and heavy metal free and have unique features and benefits compared to conventional column pipes. Sunkoll Bore-Well pipes undergo stringent testing under critical field conditions to meet or exceed the actual field requirements of products available for similar applications.



Leak proof
Joints



Strong and
Durable



Chemical
Resistance



Cost
Effective



Easy
To Install

Advantages

- Easy Handling, Transportation & Installation
- Chemical Resistance
- Low maintenance and long life
- Leak-Proof Joints
- High Strength and Durability
- Low cost compared to C.I and G.I pipes
- Smooth bore that offers excellent flow properties
- Ensures Higher Flow Compared to G.I. Pipeline

Application

- Water rising for submersibles, domestic and industrial applications.
- Ideally suitable for long term use in sandy and chemically aggressive water.
- It is commonly used as replacement on the place for MS, ERW, GI, HDPE and stainless steel

Product range : 1" to 5" Outer diameter (25 mm to 125 mm Nominal diameter)

Length : Available in 3 meter

Types : Available in five grades

Some important features of our column pipes, couplers and its accessories

- Square threads of pipes as well as coupler gives very high tensile load capacity, high izod impact and easy fitment, re-fitment and longer life
- The rubber dampeners, silent system provides leak proof fittings and also absorbs the vibration of the pump which results in longer life of motor and pump bearing.
- Our square threads of pipes as well as coupler are of best designed and manufactured in CNC machines in order to provide best accuracy and quality.
- The rubber ring like step ring, L-ring, O-ring & Seal ring are of natural rubber and best to absorb the shock of motor
- Our thick and thin portion of the pipes has been so developed in order to absorb the full torque produced due to motor thus resulting long life.
- The technically developed adapters have 11 TPI metric threads at one end which fits into motor and square threads at one end which fits into column pipes.

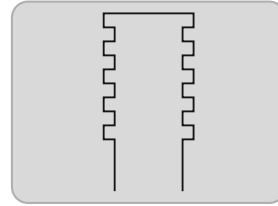
uPVC Column Pipe Accessories





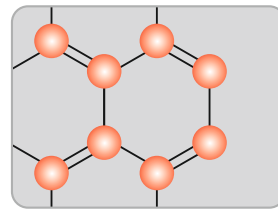
Square Threads

- The coupler and pipe joints have square threads machined using CNC machine to maintain accuracy for taking high load with no slippage of threads
- Due to this, it is very easy to assemble and dismantle column pipe as well as provide extra strength to the pipe
- It reduces the loosening of joints during ON/OFF of submersible pumpset
- This unique square thread provide sufficient grip and additional strength against tensile load



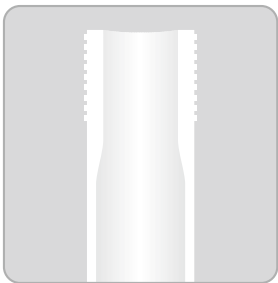
Bi-Axial Orientation

- Specially design Bi-Axial design tools in column pipe extrusion process to ensure the PVC molecular chain gets linear and diametrically oriented which gives higher impact strength to the pipes



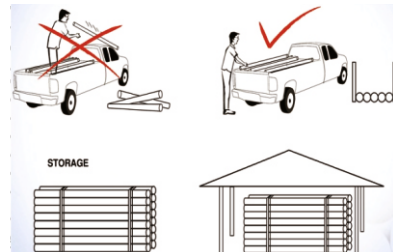
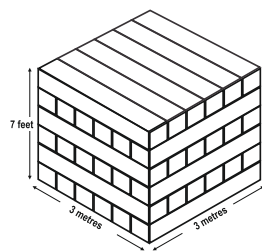
Thick And Thin Portion of Pipe

- The technique for making column pipes thicker in the threading end to compensate for material due to threads. The residual thickness in the end part after removal of thread is the same as barrel thickness, therefore the pipe strength remains the same
- This technique saves raw material consumption also provides much higher strength to the pipes
- This portion has been developed in order to absorb the full torque produced from motor, thus resulting in long life



Handling and Storage of Pipes

- Pipes should preferably be stored indoors
- The pipes are stored on level ground free of any sharp objects
- Do not throw or drop the pipes on the floor
- Do not drag or push the pipes from the truck bed
- Contact of pipes from any sharp object should be totally avoided
- The surface should be dry



uPVC Column Pipes

Available in 3 meter length

V-4 ORANGE SCREEN - A TYPE (150 FEET)					
Size inch	ND mm	OD mm	Packing Qty.	DP Kg/cm ²	Price in ₹ (Per Piece)
1"	25	33	25	12	423.15
1¼"	32	42	25	12	584.35
1½"	40	48	25	12	785.85
2"	50	60	15	13	990.45

V-4 ORANGE SCREEN - B TYPE (250 FEET)					
Size inch	ND mm	OD mm	Packing Qty.	DP Kg/cm ²	Price in ₹ (Per Piece)
1"	25	33	25	13	503.75
1¼"	32	42	25	13	664.95
1½"	40	48	25	15	886.60
2"	50	60	15	15	1078.49

MEDIUM BLUE SCREEN - A TYPE (250 FEET)					
Size inch	ND mm	OD mm	Packing Qty.	DP Kg/cm ²	Price in ₹ (Per Piece)
1"	25	33	25	13	537.04
1¼"	32	42	25	15	716.10
1½"	40	48	25	16	934.96
2"	50	60	15	16	1144.52
2½"	65	75	10	12	1289.60
3"	80	88	5	10	1974.70
4"	100	113	4	10	2861.30

MEDIUM BLUE SCREEN - B TYPE (350 FEET)					
Size inch	ND mm	OD mm	Packing Qty.	DP Kg/cm ²	Price in ₹ (Per Piece)
1"	25	33	25	16	607.60
1¼"	32	42	25	16	826.15
1½"	40	48	25	16	1019.59
2"	50	60	15	18	1249.30
2½"	65	75	10	15	1531.40
3"	80	88	5	12	2216.50
4"	100	113	4	12	3445.65

STANDARD RED SCREEN - A TYPE (500 FEET)					
Size inch	ND mm	OD mm	Packing Qty.	DP Kg/cm ²	Price in ₹ (Per Piece)
2"	50	60	15	21	1450.80

STANDARD RED SCREEN - B TYPE (600 FEET)					
Size inch	ND mm	OD mm	Packing Qty.	DP Kg/cm ²	Price in ₹ (Per Piece)
1"	25	33	25	28	806.00
1¼"	32	42	25	26	1027.65
1½"	40	48	25	26	1249.30
2"	50	60	15	28	1612.00
2½"	65	75	10	18	2055.30
3"	80	88	5	17	2901.60
4"	100	113	4	16	4211.35
5"	125	140	2	22	6851.00

HEAVY GREEN SCREEN (750 FEET)					
Size inch	ND mm	OD mm	Packing Qty.	DP Kg/cm ²	Price in ₹ (Per Piece)
1"	25	33	-	-	-
1¼"	32	42	25	33	1229.15
1½"	40	48	25	35	1571.70
2"	50	60	15	35	1974.70
2½"	65	75	10	28	2800.85
3"	80	88	5	26	3828.50
4"	100	113	4	26	6045.00

SUPER HEAVY GREEN SCREEN (1300 FEET)					
Size inch	ND mm	OD mm	Packing Qty.	DP Kg/cm ²	Price in ₹ (Per Piece)
2"	50	60	15	42	2498.60
2½"	65	75	10	42	3682.80
3"	80	88	5	35	4501.20

uPVC Casing Pipes



For Borewell & Groundwater Extraction

Specifications :

Sunkoll uPVC casing pipes are used as casing for bore-well which provides excellent protection even under the harshest of water conditions and hence provides extra safety to the Bore-Well. Sunkoll pipes are available in screen or slotted types and are used for casing in ground-water percolation to allow water to enter inside the well. These pipes can also be used to recharge the ground-water level through the rain-water harvesting pit.



Corrosion Resistant



Strength & Quality



Chemical Resistance



Cost Effective



Easy To Install

Advantages

- Suitable for bore or tube well supplies
- Light weight offers total economy in handling, transportation & installation
- Ultimate Tensile & Impact strength
- Longer lasting PVC is free from weakness caused by formation, rusting and weathering.
- Resistance to Corrosion long life.
- Maximum yield of water.
- Durable and maintenance free
- Maximum ambient temperature : 70° C
- Maximum installation depth - 80m to 250m
- It can be installed Vertical inclined

Application

- Domestic wells, irrigation wells, industrial wells and mines
- Waste water (drainage & sewage)
- Urban and rural areas drinking water scheme

Product range : 4" to 16" Outer diameter

Length : Available in 3 meter

Grade : CM & CS

Types : Socketed pipe with thread ended

Technical Parameters

Nominal Diameter (DN)		Mean Outside Diameter (mm)		Wall Thickness (mm)				Length of Threads (mm)
inch	mm	Minimum	Maximum	Medium Well Casing (CM) Pipes		Shallow Well Casing (CS) Pipes		
				Minimum	Maximum	Minimum	Maximum	
4"	100	113.0	113.3	5.0	5.7	-	-	48
4½"	115	125.0	125.3	5.0	5.7	-	-	48
5"	125	140.0	140.4	6.3	7.1	-	-	63
6"	150	165.0	165.4	7.5	8.5	5.7	6.5	63
7"	175	200.0	200.5	8.8	9.8	7.0	7.8	63
8"	200	225.0	225.5	10.0	11.2	7.6	8.8	74
10"	250	280.0	280.5	12.5	14.0	9.6	11.0	90
12"	300	330.0	330.6	14.5	16.2	11.2	13.3	90
14"	350	400.0	400.7	17.5	19.5	14.0	15.5	90
16"	400	450.0	450.8	19.5	21.7	16.0	17.5	102