

[illegible]

Agriculture Pipes



Jindal Hissar - offers a wide range of unplasticized PVC (UPVC) pipes and fittings to suit the needs of agriculture and domestic applications including potable water supply. These pipes are suitable for pressure and gravity flow applications.

Confirming : IS 4985
Types : Selfit & Ringfit PVC-U Pipes.
Length : 6mtr
Class : 2.5kgf/cm² to 10 Kgf/cm²
Colour : Grey
Range : 20mm - 250mm

Features & Benefits:

- Corrosion Free.
- Prolong life, chemically inactive.
- UV Stabilized for use in sunlight.
- Very High-Pressure Resistant Capacity.
- Internal Surface is very smooth which reduces friction loss.

Application:

- Rural & Urban water supplies.
- Sewerage & Drainage Systems.
- Building water supply application.
- Power & Telecommunication Cable ducting.
- Water supply for agriculture and irrigation systems.



AGRICULTURE FITTING

Moulded Fittings

As per IS 7834

Range : 20mm - 160mm

Colour : Dark Grey

Types : Coupler, Elbow 90°, Elbow 90° Threaded, Elbow 45°, Tee, End Cap, FTA, MTA, Reducer



Technical Parameter is 4985 - 2021 (All Dimension in mm)

Pipe Size (Inch)	Nominal Outside diameter (Nominal size)	Mean Outside diameter Min-Max	Outside diameter at Any Point Min-Max	Class 1 0.25 Mpa (2.5 kg/cm ²) Min-Max	Class 2 0.40 Mpa (4 kg/cm ²) Min-Max	Class 3 0.60 Mpa (6 kg/cm ²) Min-Max	Class 4 0.80 Mpa (8 kg/cm ²) Min-Max	Class 5 1.00 Mpa (10 kg/cm ²) Min-Max	Class 6 1.25 Mpa (12.5 kg/cm ²) Min-Max
0.5"	20	20 - 20.3	19.5 - 20.5					1.1 - 1.5	1.4 - 1.8
0.75"	25	25 - 25.3	24.5 - 25.5				1.2 - 1.6	1.4 - 1.8	1.7 - 2.1
1.0"	32	32 - 32.3	31.5 - 32.5				1.5 - 1.9	1.8 - 2.2	2.2 - 2.7
1.25"	40	40 - 40.3	39.5 - 40.5			1.4 - 1.8	1.8 - 2.2	2.2 - 2.7	2.8 - 3.3
1.5"	50	50 - 50.3	49.4 - 50.6			1.7 - 2.1	2.3 - 2.8	2.8 - 3.3	3.4 - 4.0
2.0"	63	63 - 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
2.5"	75	75 - 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
3.0"	90	90 - 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
4.0"	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	7.5 - 8.7
4.5"	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	8.5 - 9.8
5.0"	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	9.5 - 11.0
6.0"	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	10.9 - 12.6
7.0"	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	12.2 - 14.1
8.0"	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	13.6 - 15.7
9.0"	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	15.3 - 17.6
10.0"	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	17.0 - 19.6

Sewerage Pipes (SWR)



SWR pipes are UV stabilised and are designed for efficient disposal of soil, waste, and rainwater. These pipes can withstand weather cycles.

Conforming to IS 13592

Types : Pipes are available in two types
SWR Selfit and SWR with
integrated rings in two classes of
Type A and Type B.

Length : 3 Mtr.

Colour : Light Grey

Range : 75 mm - 110 mm

Features & Benefits:

- Stringent quality control
- Leak-proof
- Non-reactive to acids, alkalis, effluents, salt and minerals
- Does not support fire and provides good resistance to combustion
- High degree of accuracy in manufacturing ensures perfect dimensional control
- Smooth inner surface, free from scaling, rusting and chemical action ensures extended product life
- Lightweight, ensuring ease in handling and transportation
- Corrosion and rust-proof which confirms longer durability of this product

SWR Fittings

Conforming to IS 14735

Types : Shoe Bend 45°, Bend 87.5°, Bend 87.5° with Door, Coupler, Single Tee, Single Tee with Door, Reducing Tee, Reducing Tee with Door, Cleansing Pipe with Door, Double Tee, Single Y, Single Y with Door, Reducer, Door Cap, Nahani Trap, P Trap, Q Trap, S Trap

Colour : Light Grey



Technical Parameter of SWR Pipe (IS: 13592-2013)

Nominal Diameter		Type	Effective Length (mtr.)	OD (MM)		Wall Thickness	
mm	inch			Min	Max	Min	Max
75	2.5"	A	3	75.0	75.3	1.80	2.20
75	2.5"	B	3	75.0	75.3	3.20	3.80
90	3"	A	3	90.0	90.3	1.90	2.30
90	3"	B	3	90.0	90.3	3.20	3.80
110	4"	A	3	110.0	110.4	2.20	2.70
110	4"	B	3	110.0	110.4	3.20	3.80

Casing Pipes



Casing Pipes provide protection to the water line from soil conditions.

Conforming to IS 12818

- Types:
- CS - Shallow well casing pipes for well depth up to 80 m
 - CM - Medium well casing pipes for well depth between 80 to 150 m
 - CD - Deep well casing pipes suitable for well depth between 250 to 450 m

Length : 3 Mtr. and 6 Mtr.

Colour : Blue

Range:

- CS- 150 mm - 300 mm
- CM - 100 mm - 300 mm
- CD - 100 mm - 200 mm

Features & Benefits:

- Stringent quality control.
- Excellent product toughness due to use of a special PVC-U compound.
- Increased permeability due to continuous ribs, keeps gravel pack away from slot opening.
- Easy and quick installation.
- Economical compared to conventional pipes.
- Excellent stiffness helps pipes withstand external hydraulic pressure.
- Anti-corrosive.
- Non-toxic and does not impart taste and odour.
- Safe for drinking water.
- Long life as a result of excellent mechanical properties.

Application:

- Bore-well Casing, Irrigation, Domestic, Industrial mining, and Chemical distribution.
- uPVC is nearly inert towards corrosion, and chemical reactions and due to this, it is ideally used in salty, sandy and chemically aggressive water without any effect over the years.

Technical Parameter of Casing Pipe (IS: 12818:2010) CM Casing Pipe

Nominal		Mean Outer		Wall Thickness	
mm	inch	min.	max.	min.	max.
100	4.0"	113.0	113.3	5.0	5.7
115	4.5"	125.0	125.3	5.0	5.7
125	5.0"	140.0	140.4	6.5	7.3
150	6.0"	165.0	165.4	7.5	8.5
175	7.0"	200.0	200.5	8.8	9.8
200	8.0"	225.0	225.5	10.0	11.2
250	10.0"	280.0	280.5	12.5	14
300	12.0"	330.0	330.6	14.5	16.2



Technical Parameter of Casing Pipe (IS: 12818:2010) CS Casing Pipe

Nominal		Mean Outer		Wall Thickness	
mm	inch	min.	max.	min.	max.
150	6.0"	165.0	165.4	5.70	6.50
175	7.0"	200.0	200.5	7.0	7.80
200	8.0"	225.0	225.5	7.60	8.80
250	10.0"	280.0	280.5	9.60	11.0
300	12.0"	330.0	330.6	11.2	13.3

Technical Parameter of Casing Pipe (IS: 12818:2010) CD Casing Pipe

Nominal		Mean Outer		Wall Thickness	
mm	inch	min.	max.	min.	max.
100	4.0"	113.0	113.3	7.0	7.9
115	4.5"	125.0	125.3	7.5	8.5
125	5.0"	140.0	140.4	8.0	9.0
150	6.0"	165.0	165.4	9.5	10.7
165*	6.5"	180.0	180.4	12.0	12.5
175	7.0"	200.0	200.5	11.8	13.6
200	8.0"	225.0	225.5	13.0	14.8