



C.R.I. PIPES

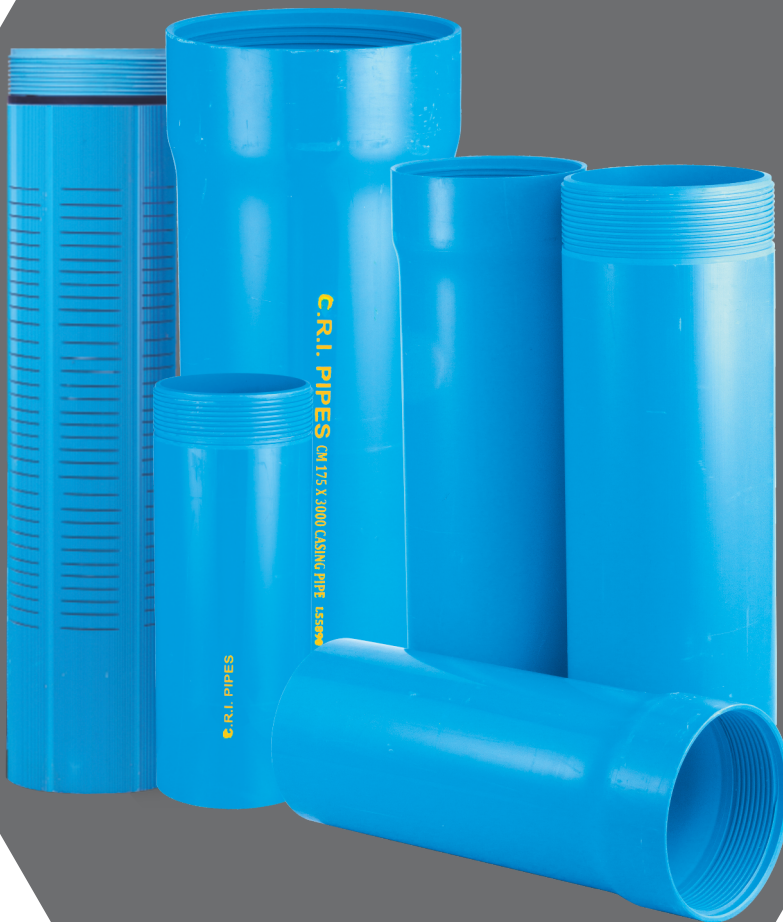
ONE STOP PIPING SOLUTION



Quality in every inch.

uPVC WELL CASING AND SCREEN PIPES

uPVC Well Casing and Screen pipes are manufactured as per IS 12818:2010 standard available in 40mm to 300mm sizes in different types. These pipes are an ideal products for protection of domestic, irrigation, industrial and mining borewells, keeping out the gravel pack and foreign particles providing clean and clear water from the borewells.



FEATURES AND BENIFITS

- **Chemical properties** – Non corrosive, ensures longer life cycle.
- **Physical properties** – Lighter in weight than conventional metal pipes, easy handling, transportation and installation.
- **Economical** – Lesser in cost than other alternates, cost of transportation, handling and installation is lesser, being lighter in weight no cranes, welding machines or diesel genset are required for installation.
- **Longer life** – Life cycle more than 30 years, saves replacement and replenishment costs.
- **Anti corrosive & Non-conductive** – Excellent life avoiding electro chemical reactions.
- **Ensuring water quality** – uPVC doesn't impart any colour, odour or taste.
- **Stiffness and strength** – Excellent mechanical properties thus is capable of withstanding the hydraulic pressure the pipes are subjected to during construction of well.
- **Convenient and reliable** – Provides easy and stronger joints.

C.R.I. uPVC Casing pipes have trapezoidal threads which provides easy and strong joints.

uPVC Screen pipes facilitate optimum performance & safety by keeping the gravel pack & other foreign substances out of the well

uPVC Screen pipes has horizontal slots which enables laminar flow into the well ensuring higher permeability & reducing well entrance

TECHNICAL DETAILS

Dimension of 'CS' casing pipes - for Bore Well Depth upto 80 meters

NOMINAL DIAMETER DN	MEAN OUTSIDE DIAMETER OF PIPE		OUTSIDE DIAMETER OF PIPE AT ANY POINT		MEAN OUTSIDE DIAMETER OVER CONNECTION	WALL THICKNESS	
	Min.	Max.	Min.	Max.	Max.	Min.	Max.
150	165.00	165.40	164.80	165.60	174.00	5.70	6.50
175	200.00	200.50	199.80	200.60	211.00	7.00	7.80
200	225.00	225.50	224.80	225.80	238.00	7.60	8.80
250	280.00	280.50	279.60	280.80	292.00	9.60	11.00

Note : In addition to the above range we also offer 125CS, 180CS & 225CS plain and any other casing pipe as per specific requirements.

Dimensions of 'CM' Casing Pipes - for Bore Well Depth between 80-250 Meters

NOMINAL DIAMETER DN	MEAN OUTSIDE DIAMETER OF PIPE		OUTSIDE DIAMETER OF PIPE AT ANY POINT		MEAN OUTSIDE DIAMETER OVER CONNECTION	WALL THICKNESS	
	Min.	Max.	Min.	Max.	Max.	Min.	Max.
40	48.00	48.20	48.00	48.30	52.00	3.50	4.00
50	60.00	60.20	59.90	60.30	65.00	4.00	4.60
80	88.00	88.30	88.00	88.40	94.00	4.00	4.60
100	113.00	113.30	112.90	113.40	120.00	5.00	5.70
125	140.00	140.40	139.90	140.50	150.00	6.50	7.30
150	165.00	165.40	164.80	165.60	178.00	7.50	8.50
175	200.00	200.50	199.80	200.60	215.00	8.80	9.80
200	225.00	225.50	224.80	225.80	243.00	10.00	11.20
250	280.00	280.50	279.60	280.80	298.00	12.50	14.00

Note : In addition to the above range we also offer 113CM,180CM,213CM & 225CM plain and any other casing pipe as per specific requirements.

Dimensions of 'CD' Casing Pipes - for Bore Well Depth between 250-400 Meters

NOMINAL DIAMETER DN	MEAN OUTSIDE DIAMETER OF PIPE		OUTSIDE DIAMETER OF PIPE AT ANY POINT		MEAN OUTSIDE DIAMETER OVER CONNECTION	WALL THICKNESS	
	Min.	Max.	Min.	Max.	Max.	Min.	Max.
100	113	113.30	112.8	113.4	125	7	7.9
115	125	125.3	124.9	125.4	137	7.5	8.5
125	140	140.4	139.7	140.5	152	8	9
150	165	165.4	164.6	165.6	180	9.5	10.7
175	200	200.5	199.6	200.6	217	11.8	13.6
200	225	225.5	224.5	225.8	247	13	14.8
250	280	280.5	279.4	280.8	304	16	17.6
300	330	330.6	329.3	331	359	19	21

TECHNICAL DETAILS

Dimensions of Screen Pipes with RIBS

NOMINAL DIAMETER DN	MEAN OUTSIDE DIAMETER OF PIPE		OUTSIDE DIAMETER OF PIPE AT ANY POINT		MEAN OUTSIDE DIAMETER OVER CONNECTION	WALL THICKNESS	
	Min.	Max.	Min.	Max.	Max.	Min.	Max.
40	52.00		51.90		56.00	3.50	4.00
50	64.00		63.90		69.00	4.00	4.60
80	92.00		91.80		98.00	4.00	4.60
100	117.00		116.80		124.00	5.00	5.70
150	168.00		168.60		182.00	7.50	8.50
200	229.00		228.50		247.00	10.00	11.20



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