

# VECTUS<sup>®</sup>

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## CASING PIPING SYSTEM





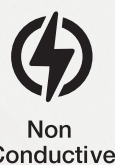
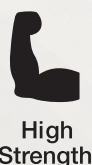
## Vectus Casing Piping System

A tube well system commonly fails due to the environmental conditions around it, due to which corrosion occurs and causes the surface to degrade & reduces the overall life span of the installed system. Highly corrosion resistant & durable Vectus Casing Pipes are the solution to this problem. These pipes are manufactured as per IS 12818 and are available in deep blue colour. One of the ends is male threaded, whereas the other end is a female threaded socket.

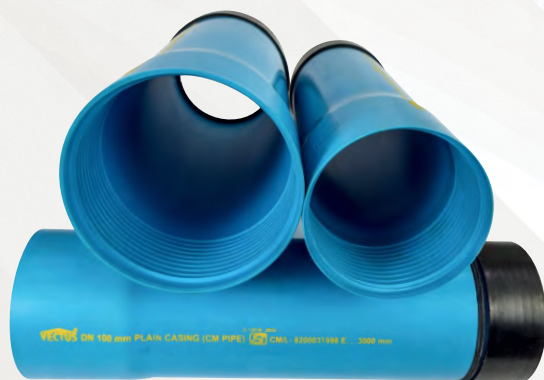
Casing pipes are available in two types:

- CS pipe: Shallow casing pipes are suitable for depth up to 80 mtr.
- CM pipes: Medium casing pipes are designed for depth above 80 mtr. to 250 mtr.

### Features



### Applications



### CM CS TYPE DEPTH VECTUS CASING PIPE

IS 12818:2010 CM/L: 8200031998

CS 150-200mm	ISI	Red	0-80 mtr.	3 mtr.
CM 100-200mm	ISI	Yellow	81-250 mtr.	3 mtr.
CS 100-125mm	Non ISI	Red	0-80 mtr.	3 mtr.

### TECHNICAL SPECIFICATIONS

Standard	IS : 12818 : 2010	Hardness	12-15
Material	u-PVC	Resistance To External Blow At 0°C	<TIR 10%
Vicat Softening Temperature	> 80°C	Reversion	< 5%
Density	1.40-1.46 gm/cm <sup>3</sup>	Ignition Resistance	Self extinguishing
Constant of Haizan Solution	150	Electrical Conductor	Bad conductor
Liner Expansion	0.08 mm/m/°C	Thermal Conductor	0-13 & 0-15 Kcal/m@hr@deg
Working Temperature	0- 60°C	Stabilizer	1st Edition: 1 mg/l • 3rd Edition: 0.3mg/l
Tensile Strength	> 45 Mpa	Color	Blue

### PIPES DIMENSION

Medium well casing (CM) Pipe IS-12818:2010					Shallow well casing (CS) Pipe IS-12818:2010				
Nominal Diameter	Outer Diameter (mm)		Wall Thickness(mm)		Nominal Diameter	Outer Diameter (mm)		Wall Thickness(mm)	
	Min	Max	Min	Max		Min	Max	Min	Max
100 mm	113.00	113.30	5.00	5.70	100 mm	113.00	113.30	4.10	4.70
115 mm	125.00	125.30	5.00	5.70	125 mm	140.00	140.40	5.00	5.60
125 mm	140.00	140.40	6.50	7.30	150 mm	165.00	165.40	5.70	6.50
150 mm	165.00	165.40	7.50	8.50	175 mm	200.00	200.50	7.00	7.80
175 mm	200.00	200.50	8.80	9.80	200 mm	225.00	225.50	7.60	8.80
200 mm	225.00	225.50	10.00	11.20					

