



Banmore Factory View



**VECTUS INDUSTRIES LIMITED**

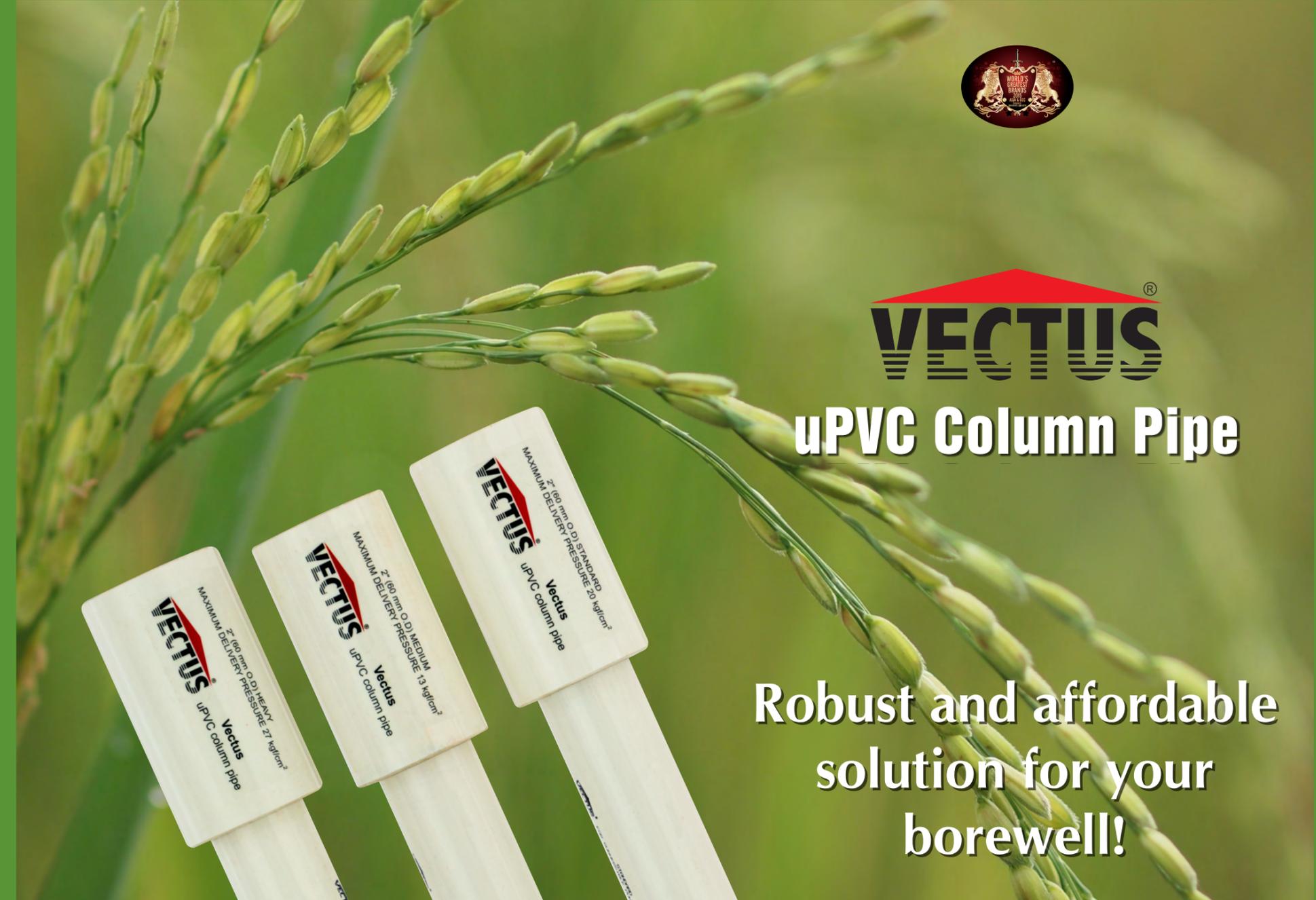
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**uPVC Column Pipe**

**Robust and affordable  
solution for your  
borewell!**

# VECTUS COLUMN PIPE

## Unmatched Interlock Locking System

Every pipe of Vectus submersible column is equipped with a coupler, which has been specially developed by Vectus, which ensures the coupler never gets de-threaded from the pipe.

## Technical Distinction

The threads in the couplers of Vectus submersible column pipes are made with the latest CNC machines, which automatically mixes the required quantities of raw materials and chemicals, thereby resulting in increased capacities to bear column load and pressure.

## Rubber Ring

Square, rounded dots on the hard ring, reduces the vibrations in the pump. These rings are made from spam rubber, because of which the water becomes pure and potable.

## Rounded Threads

The threads made by the automatic CNC machine reduces the tension load and provides extra strength. Hence, this coupling benefits pump fitting and becomes very strong to bear the load. These specially designed threads also benefit easy fitting of the pipe.



## Better thickness and capability

To offset the extra strength and capacity to bear extra weight because of the threading, the walls of the pipe are given extra thickness, by thick and thin process.

## Pure and safe drinking water

The water pumped through Vectus UPVC column pipes is 100% safe and pure, as it is manufactured without any metallic materials.

## Uses

- Submersible and jet pumps are used for irrigation, domestic, industrial mining, distribution of chemicals.
- Submersible pipes are much more useful as compared to MS, GI, HDPE and SS pipes.
- It can also be used in saline, sandy and chemically harmful water.

## Technical specifications

- Colour : Off white
- Specific gravity : 1.4 to 1.46 g/cc
- Dilution temperature : >80°C
- Tension : >50 mpa
- Demonstration capacity : <10% of actual demonstration @ 0°C
- Functional temperature : >80°C



## Dimension chart

Size	1"	1.25"	1.5"	2"	2.5"	3"	4"
OD	Min	33.30	42.10	48.20	60.20	75.20	88.10
	Max	33.50	42.30	48.40	60.50	75.50	88.40
V4-12.5	End W/T	3.95/4.25	4.3/4.7	4.4/4.6	-	-	-
	Barrel	1.6/1.9	2.0/2.4	2.7/2.9	-	-	-
V4-15	End W/T	4.0/4.15	4.6/4.8	5.0/5.2	-	-	-
	Barrel	1.85/2.0	2.4/2.6	2.7/2.9	-	-	-
Eco Medium	End W/T	-	-	-	4.4/4.6	-	-
	Barrel	-	-	-	2.1/2.3	-	-
Medium	End W/T	4.6/5.0	5.15/5.45	5.55/5.95	5.2/5.6	5.2/5.6	6.0/6.4
	Barrel	2.5/2.8	2.85/3.2	3.5/3.9	2.8/3.2	2.8/3.2	3.5/3.8
Standard	End W/T	5.45/5.75	5.65/5.95	6.25/6.55	6.4/6.8	6.6/6.9	7.8/8.1
	Barrel	3.2/3.5	3.55/3.85	4.1/4.4	3.9/4.3	4.0/4.4	5.0/5.4
Heavy	End W/T	-	6.85/7.25	7.5/7.9	7.8/8.2	9.0/4	10.1/10.5
	Barrel	-	4.65/5.05	5.3/5.7	5.3/5.7	6.3/6.8	7.3/7.8

# uPVC COLUMN PIPE

## Technical details of load pressure

Size of Type	Ultimate Breaking Load	Safe Puling Load With Chain Pulley	Safe Allowable Hydrostatic Pressure(kg/cm <sup>2</sup> )	Safe Allowable Depth(MTR)
<b>OD : 33mm • NB : 25mm (1")</b>				
V4 - 12.5	800	450	12.5	125
V4 - 15	1000	600	15	150
Medium	1250	750	21	210
Standard	1900	1100	30	300
<b>OD : 42mm • NB : 32mm (1¼")</b>				
V4 - 12.5	1200	800	12.5	125
V4 - 15	1550	1000	15	150
Medium	1800	1100	21	210
Standard	2550	1500	25	250
Heavy	3100	1800	35	350
<b>OD : 48mm • NB : 40mm (1½")</b>				
V4 Light	2000	1200	15	150
Medium	2500	1500	21	210
Standard	2950	1700	26	260
Heavy	4050	2400	35	350
<b>OD : 60mm • NB : 50mm (2")</b>				
Eco Medium	1800	1350	8	80
Medium	2450	1450	13	130
Medium Plus	3100	1850	17	170
Standard	3600	2100	20	200
Heavy	4700	2800	27	270
<b>OD : 75mm • NB : 65mm (2½")</b>				
Medium	3100	1800	10	100
Standard	4650	2400	16	160
Heavy	7000	4200	26	260
<b>OD : 88mm • NB : 80mm (3")</b>				
Medium	4450	2600	11	110
Standard	6800	4000	17	170
Heavy	9600	5650	26	260
<b>OD : 113mm • NB : 100mm (4")</b>				
Medium	6800	4000	10	100
Standard	10000	5900	15	150
Heavy	16000	9500	26	260

