



# uPVC Borehole Column/Drop Pipes



**EMPOWER** Borehole Drop pipes are high quality uPVC Column/ borehole pipes made of high quality virgin PVC Material. They are non-corrosive, Hi-tech and Hi-tensile pipes with a successful installation track record across the country. Their construction technology has been greatly maintained to ensure that the full torque produced from the motor is well absorbed while the jointing arrangement is well secured, thus resulting in long life of the pipes.

The pipes come in various specifications; Standard, Heavy and Super Heavy. They measure 3m in length.

The pipes joints have been specially designed with square threads to ensure proper gripping and no chance of slippage. These threads are high friction threads which do not open even on constant forward and reverse torque generated by starting and stopping of the pump. They are made on special CNC machines with high accuracy tools to ensure perfect dimensions and easy fitting. All threads are checked thoroughly with fitment gauges to ensure 100% accuracy.

### The particular features and benefits of EMPOWER PIPES include:

- Cheaper than Gi Pipes by over 50%
- Light-weight and easy to handle.
- Smooth internal pipe finish resulting in low friction loss and reduced power consumption by upto 30%.
- Inkjet printing & Hallmark to prevent duplication in market
- Provision of outer seal ring to prevent leakage & over tightening
- Ultimate locking system ensures a trouble free and a longer life for the Borehole and the Pump
- CNC Deep Square threads to ensure proper gripping and no chance of slippage when loaded.
- Provision of inside seal ring and a stop ring to prevent friction loss & over tightening
- Suitable for water temperatures up to 70°C.

### SPECIFICATIONS

SIZE		PIPE OUTER DIAMETER (MM)	COUPLER OUTER DIAMETER (MM)	WALL THICKNESS (MM)	ULTIMATE BREAKING LOAD (KG)	SAFE PULLING LOAD (KG)	MAX ALLOWABLE PRESSURE (BAR)	DELIVERY HEAD (M)	WEIGHT (3M PIPE)	
(MM)	(IN)								PIPE ONLY (KG)	PIPE + WATER (KG)
32	1 1/4	42	55.5	5	2300	1533	26	260	2	5
32 SHD		42	55.5	5	3300	2200	35	350	2	5
38	1 1/2	48	63.7	5.2	3600	2000	26	260	3	6
38 SHD		48	63.7	5.2	4700	2800	35	350	3	6
50	2	60	84.5	6.4	3800	2533	21	210	4	10
50 HD		60	84.5	7.3	4750	3167	27	270	5	11
50 SHD		60	84.5	8.0	6200	3600	35	350	6	12
65	2 1/2	73	92	6.6	4800	3600	18	180	5	15
65 HD		73	94.5	8.7	9000	4000	27	270	6	16
65 SHD		73	94.5	10	12500	4250	35	350	8	18
80	3	89	115	10.5	9190	5800	18	180	10	25
80 SHD	3	89	115	10.5	12500	6500	35	350	10	25

HD - Heavy Duty Pipe SHD - Super Heavy Duty Pipe