



uPVC COLUMN PIPES for submersible pumps



High Tensile, High Impact uPVC Column Pipe

Features :

Bi-axial Orientation :

Pollux column pipes are manufactured by bi-axial technology during extrusion process to enhance the higher impact strength of column pipe.

Material

Pollux column pipes are made from best quality poly vinyl chloride compound prepared with processing substance which improves the strength and head load capacity of pipes.

Thread Joints :

Pollux column pipes have been designed in Special Square thread with the help of CNC Machine Tools to prove leak proof joints with rubber seals even in repetitive installation.

Thick & Thin :

Pollux column pipes are manufactured with thick & thin technique to ensure the strength of pipe is maintained at thread end pipe. Pipe end and barrel have specific thickness which improves the strength of pipes and same time save material consumption and thereby are cost effective.

Life span :

Pollux column pipes are non-reactive to acidic or alkaline water hence, have long life span.



SEAL LOCK FOR EXTRA SAFETY.



Technical Specification for Pollux Column Pipe

Size	Outer diameter (In mm)	Maximum outside diameter (mm)	Pipe type	Maximum depth of installation (feet)	Safe total Weight with chain pulley (kgs.)	Safe allowable hydro static pressure (kg/cm ²)
1" (25mm NB)	33.40 ± 0.13	51	Eco.	125	500	12
			Medium	300	750	17
			Standard	600	1300	30
1¼" (32mm NB)	42.16 ± 0.13	60	Eco.	125	800	12
			Medium	300	1100	15
			Standard	600	1500	25
1½" (40mm NB)	48.26 ± 0.15	68	Medium	250	1250	15
			Standard	600	1700	18
			Heavy	900	2000	25
			Medium	250	1500	14
2" (50mm NB)	60.20 ± 0.15	83	Standard	600	2100	21
			Heavy	900	2850	28
			Super Heavy	1200	3200	35
2¼" (60mm NB)	65.20 ± 0.15	90	Standard	600	2160	21
			Heavy	900	2900	27
			Medium	250	1900	10
2½" (65mm NB)	76.10 ± 0.18	96	Standard	600	2700	17
			Heavy	900	4200	27
			Super Heavy	1200	4500	35
3" (80mm NB)	88.90 ± 0.20	111	Medium	200	2800	11
			Standard	500	4000	17
			Heavy	800	5700	26
4" (100mm NB)	114.30 ± 0.23	141	Medium	200	4100	10
			Standard	500	5700	15
			Heavy	800	9000	26

(Note : Technical Specifications are for reference and not forming a part of terms and conditions offered. It may vary within tolerance limits)
 * Seal Rings are used for 2" and above sizes.

SQUARE THREAD :

Pollux Column Pipes have specially designed square threaded there fore pulling load capacity is excellent even under deep bore wells



RUBBER RING :

Pollux Column Pipes Specially designed Rings are used for seal & grip which provides 100% leak proof System and also absorbs vibration of the pumps.



Pipe Accessories



Top Adaptor

Bottom Adaptor

Pump guard

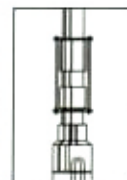
Lowering tool

Installation care



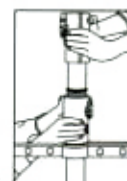
Clean pipe thread with pure water. Do not use oil / grease on thread.

Use pump guard / bottom adaptor (male thread) with pump and tight adequately using chain wrench.



Fit male thread pipe immediately after pump guard / bottom adaptor and then male-female pipe joint for required length.

Apply pipe clamp at each joint for lowering pipe.



Use top adaptor after complete installation.