

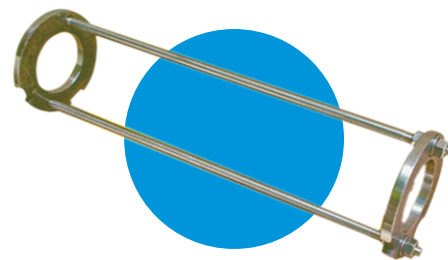
○ Installation Procedure

- Primarily ensure that rubber gaskets provided with pipes are fitted in groove of external square threads of pipes
- Assemble the adapter with pump
- Tighten one pipe to another with the help of jerk/torque so that more than 50% of rubber seal gets into the internal thread of socket of adjacent pipe. It is recommended to use strap wrench for assembly to avoid damage to the pipe
- Ensure that the metal clamp is fitted on the pipe at a location marked "Clamp here only"
- While joining one pipe to another, keep on lowering in bore-well with the help of chain pulley
- After lowering for required depth, fix the metal adapter on top of the last pipe
- Connect fittings & clamping system as per your requirement
- Based on soil conditions, it is recommended to use pump guard for pump safety

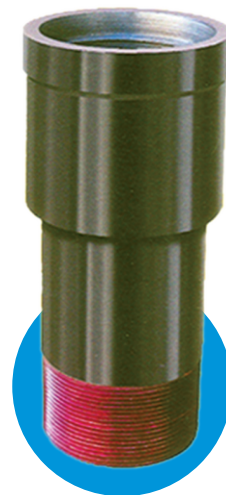
○ Accessories



Top Adaptor



Pump Guard Set



Bottom Adaptor

DUTRON®

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DUTRON®

Spreading Joy
Enhancing Lives



**uPVC
COLUMN PIPES for
SUBMERSIBLE PUMP**



DUTRON GROUP

With over five decades of expertise in plastics processing, Dutron group has emerged as a leading and most reliable manufacturer and supplier of plastic pipes and fittings in India. Dutron with its 5 state of the art manufacturing facilities, all located in Gujarat, offers superior products made from plastics - Poly Vinyl Chloride (PVC), High Density PolyEthylene (HDPE) and Chlorinated Poly Vinyl Chloride (CPVC) as complete piping solutions. With regular exports to countries in Middle East, Asia, South East Asia, Australia and North America, Dutron products enjoy a commendable market share in plastic pipes the world over.

Dutron UPVC Column Pipes

uPVC Column Pipes are manufactured using state-of-the art machines and tested at well-equipped quality assurance laboratory. These pipes are specially designed for submersible pumps and can be safely used vertical, horizontal or inclined. These are available in various ranges to suit various installation depths. Available in diameter 25mm to 100mm, these pipes are designed to ensure high flow rates and no depositions.

Salient Features

- Light in weight, hence handling and installation becomes easy.
- Superior quality rubber sealing profile rings ensures leak proof and vibration free joints (with friction free system).
- Specially designed square threads give excellent grip to withstand high tensile head load.
- 30% more water flow compared to G.I. Pipes due to smooth inner surface.

- Light Weight
- Non-Corrosive
- No Scaling or Deposition
- High Flow Rate
- Friction Free
- Accurate Square Threads
- Excellent Tensile and Impact Strength



Dimensional Specification (Bell Type)

Size	Class	Printing Colour	Wall Thickness in mm		OD	Pressure Rating (kg/cm ²)	Packing (Nos.)	Safe Pulling Load with Chain Pulley (kgf)	Safe Pump Delivery Head	
			End Min. / Max	Barrel Min. / Max					(Mtr.)	(Ft.)
25 mm	V4 12.5	Orange	3.7 / 4.2	2.0 / 2.5	33.0	12.5	25	500	125	410
25 mm	V4 15	Purple	3.7 / 4.2	2.3 / 2.8	33.0	15	25	600	150	492
32 mm	V4 12.5	Orange	4.1 / 4.6	2.5 / 3.0	42.0	12.5	20	800	125	410
32 mm	V4 15	Purple	4.1 / 4.6	2.6 / 3.1	42.0	15	20	900	150	492
40 mm	V4 12.5	Orange	4.6 / 5.1	2.6 / 3.1	48.0	12.5	20	1000	125	410
40 mm	V4 15	Purple	4.6 / 5.1	3.1 / 3.6	48.0	15	20	1200	150	492

Dimensional Specification (Colour Type)

Size	Class	Printing Colour	Wall Thickness in mm		OD	Pressure Rating (kg/cm ²)	Packing (Nos.)	Safe Pulling Load with Chain Pulley (kgf)	Safe Pump Delivery Head	
			End Min. / Max	Barrel Min. / Max					(Mtr.)	(Ft.)
25 mm	V4 12.5	Orange	4.0 / 4.9	2.0 / 2.8	33.0	12.5	25	500	125	410
25 mm	V4 15	Purple	4.0 / 4.9	2.3 / 3.1	33.0	15	25	600	150	492
25 mm	Medium	Blue	4.5 / 5.4	2.8 / 3.6	33.0	21	25	750	210	689
25 mm	Standard	Red	5.2 / 6.2	3.1 / 4.0	33.0	30	25	1100	300	984
32 mm	V4 12.5	Orange	4.3 / 5.1	2.5 / 3.3	42.0	12.5	20	800	125	410
32 mm	V4 15	Purple	4.5 / 5.4	2.6 / 3.4	42.0	15	20	900	150	492
32 mm	Medium	Blue	4.8 / 5.6	3.0 / 3.8	42.0	21	20	1050	210	689
32 mm	Standard	Red	5.5 / 6.5	3.5 / 4.3	42.0	25	20	1500	250	820
32 mm	Heavy	Green	6.7 / 7.7	4.7 / 5.6	42.0	35	20	1800	350	1148
32 mm	Super Heavy	Black	7.8 / 8.9	5.5 / 6.5	42.0	40	20	1850	400	1312
40 mm	V4 12.5	Orange	4.6 / 5.4	2.6 / 3.4	48.0	12.5	20	1000	125	410
40 mm	V4 15	Purple	4.8 / 5.6	3.1 / 3.9	48.0	15	20	1200	150	492
40 mm	Medium	Blue	4.9 / 5.8	3.5 / 4.3	48.0	21	20	1500	210	689
40 mm	Standard	Red	6.1 / 7.1	4.1 / 5.0	48.0	26	20	1700	260	853
40 mm	Heavy	Green	7.3 / 8.4	5.3 / 6.3	48.0	35	20	2350	350	1148
40 mm	Super Heavy	Black	8.5 / 9.6	6.2 / 7.2	48.0	40	20	2400	400	1312
50 mm	Eco Medium	Orange	4.5 / 5.3	2.4 / 3.2	60.0	10	10	1000	100	328
50 mm	Medium	Blue	5.1 / 6.1	2.8 / 3.6	60.0	13	10	1450	130	426
50 mm	Standard	Red	6.4 / 7.4	4.1 / 5.0	60.0	20	10	2100	200	656
50 mm	Heavy	Green	7.8 / 8.9	5.5 / 6.5	60.0	27	10	2800	270	886
50 mm	Super Heavy	Black	9.0 / 10.5	6.7 / 7.7	60.0	35	10	3350	350	1148
65 mm	Medium	Blue	5.1 / 6.1	2.8 / 3.6	75.0	10	10	1800	100	328
65 mm	Standard	Red	6.5 / 7.5	4.2 / 5.1	75.0	16	10	2700	160	525
65 mm	Heavy	Green	9.0 / 10.5	6.5 / 7.5	75.0	26	10	4200	260	853
65 mm	Super Heavy	Black	10.8 / 12.3	8.5 / 9.6	75.0	35	10	5300	350	1148
80 mm	Medium	Blue	5.7 / 6.7	3.4 / 4.2	88.0	11	7	2600	110	361
80 mm	Standard	Red	7.5 / 8.6	5.2 / 6.2	88.0	17	7	4000	170	558
80 mm	Heavy	Green	9.8 / 11.3	7.5 / 8.6	88.0	26	7	5650	260	853
80 mm	Super Heavy	Black	12.4 / 14.2	9.9 / 11.4	88.0	35	7	7300	350	1148
100 mm	Medium	Blue	6.2 / 7.3	4.0 / 4.8	113.0	10	5	4000	100	328
100 mm	Standard	Red	8.2 / 9.3	5.9 / 6.9	113.0	15	5	5900	150	492
100 mm	Heavy	Green	12.2 / 14.0	9.6 / 11.1	113.0	26	5	9350	260	853
100 mm	Super Heavy	Black	15.1 / 17.0	13.3 / 15.1	113.0	35	5	12150	350	1148