

# SHAKTI

## uPVC COLUMN PIPES

- FOR SUBMERSIBLE PUMPSET
- SUITABLE UPTO 1500 FEET





### KEY POINT

- ISO 9001-2008 certified
- Suitable for depth up to 1500 ft
- Available in the range of 1Inch-5Inch
- 25% more discharge as compared to galvanized pipes
- Easy to carry, handle & install
- No chance of chemicals getting deposited
- Non-toxic in every way
- Save electricity
- Very cost-effective
- Long lasting

### SUPERIOR DESIGNS

- High quality finish that ensures unobstructed flow of water
- Square threads ensure high tensile load capacity
- Rubber gasket & spigot ends both inside & outside, ensure smooth joining as well as pressure sealing
- Step ring prevents leakage, tremor & excess tightening to a great extent
- Sealing ring on the inside ensures that all joints are leak proof, while also eliminating possibility of excess tightening to a great extent
- Outer ring too, minimises joint leakage as well as excess tightening
- Pipes are joined by means of coupler which remains locked due to inbuilt locking system. Thus, there is always a surety that neither the column pipe will slip & fall out nor the coupler will come out while fitting or removing the pump
- There is 25% increased water flow due to smooth inside surface, as also ensuring 20% less electricity consumption
- Clear & visible Shakti Hallmark eliminates any possibility of falling prey to spurious uPVC pipes











## TECHNICAL DETAILS



Type & Size OD- Outside Dia. ND- Nominal Dia.	Ultimate Breaking Load (KGF)	Safe Pulling Load with Chain Pulley (KGF)	Safe Allowable Hydrostatic Pressure	Safe Total Pump Delivery
			Bar/Kg	Head (mtr.)
<b>OD 60 mm (2") ND: 50 mm</b>				
<b>Nano</b>	2000	1200	13	90
<b>Medium</b>	3150	1850	15	130
<b>Standard</b>	3600	2100	21	200
<b>Heavy</b>	4700	2800	27	270
<b>Super Heavy</b>	5650	3350	35	350

Type & Size OD- Outside Dia. ND- Nominal Dia.	Ultimate Breaking Load (KGF)	Safe Pulling Load with Chain Pulley (KGF)	Safe Allowable Hydrostatic Pressure	Safe Total Pump Delivery
			Bar/Kg	Head (mtr.)
<b>OD 75 mm (2.5") ND: 65 mm</b>				
<b>Medium</b>	3100	1800	13	100
<b>Standard</b>	4650	2700	18	160
<b>Heavy</b>	7000	4200	26	260
<b>Super Heavy</b>	9000	5300	35	350

Type & Size OD- Outside Dia. ND- Nominal Dia.	Ultimate Breaking Load (KGF)	Safe Pulling Load with Chain Pulley (KGF)	Safe Allowable Hydrostatic Pressure	Safe Total Pump Delivery
			Bar/Kg	Head (mtr.)
<b>OD 88 mm (3") ND: 80 mm</b>				
<b>Medium</b>	4450	2600	11	110
<b>Standard</b>	6800	4000	18	170
<b>Heavy</b>	9600	5650	26	200
<b>Super Heavy</b>	12400	7300	35	350



## TECHNICAL DETAILS



Type & Size OD- Outside Dia. ND- Nominal Dia.	Ultimate Breaking Load (KGF)	Safe Pulling Load with Chain Pulley (KGF)	Safe Allowable Hydrostatic Pressure	Safe Total Pump Delivery
			Bar/Kg	Head (mtr.)
<b>OD 113 mm (4") ND: 100 mm</b>				
Medium	6800	4000	10	100
Standard	10000	5900	16	150
Heavy	15900	9350	26	200
Super Heavy	20600	12150	35	350

Type & Size OD- Outside Dia. ND- Nominal Dia.	Ultimate Breaking Load (KGF)	Safe Pulling Load with Chain Pulley (KGF)	Safe Allowable Hydrostatic Pressure	Safe Total Pump Delivery
			Bar/Kg	Head (mtr.)
<b>OD 140 mm (5") ND: 125 mm</b>				
Medium	12200	7750	10	130
Standard	16400	9650	16	160
Heavy	24000	14600	26	230
Super Heavy	30500	18600	35	350

Type & Size OD- Outside Dia. ND- Nominal Dia.	Ultimate Breaking Load (KGF)	Safe Pulling Load with Chain Pulley (KGF)	Safe Allowable Hydrostatic Pressure	Safe Total Pump Delivery
			Bar/Kg	Head (mtr.)
<b>OD 165 mm (6") ND: 150 mm</b>				
Heavy	40000	23500	26	260



















# TECHNICAL DETAILS




## SS TOP ADAPTER

Size	Thread Length	Total Length	Image
1"	51MM	188 MM-315 MM	
1.25"	55MM	188 MM-315 MM	
1.5"	55MM	188 MM-315 MM	
2"	60MM	188 MM-315 MM	
2.5"	65MM	188 MM-315 MM	
3"	65MM	188 MM-315 MM	
4"	85MM	188 MM-315 MM	
5"	90MM	188 MM-315 MM	

## SS BOTTOM ADAPTER

Size	Thread Length	Total Length	Image
1"	51MM	188 MM-315 MM	
1.25"	55MM	188 MM-315 MM	
1.5"	55MM	188 MM-315 MM	
2"	60MM	188 MM-315 MM	
2.5"	65MM	188 MM-315 MM	
3"	65MM	188 MM-315 MM	
4"	85MM	188 MM-315 MM	
5"	90MM	188 MM-315 MM	

## CI TOP ADAPTER

Size	Thread Length	Total Length	Image
1"	51MM	188 MM-315 MM	
1.25"	55MM	188 MM-315 MM	
1.5"	55MM	188 MM-315 MM	
2"	60MM	188 MM-315 MM	
2.5"	65MM	188 MM-315 MM	
3"	65MM	188 MM-315 MM	
4"	85MM	188 MM-315 MM	
5"	90MM	188 MM-315 MM	

## CI BOTTOM ADAPTER

Size	Thread Length	Total Length	Image
1"	51MM	188 MM-315 MM	
1.25"	55MM	188 MM-315 MM	
1.5"	55MM	188 MM-315 MM	
2"	60MM	188 MM-315 MM	
2.5"	65MM	188 MM-315 MM	
3"	65MM	188 MM-315 MM	
4"	85MM	188 MM-315 MM	
5"	90MM	188 MM-315 MM	



# TECHNICAL DETAILS



UNDER THE FLAGSHIP COMPANY SHAKTI PUMPS (INDIA) LIMITED







## SHAKTI IRRIGATION PRIVATE LIMITED

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