ProLine™ Pipes

FEATURES

- Cost effective
- 100% leak proof, watertight joints
- Corrosion free; no metal
- Smooth handling
- Energy saving pipe
- Maximum load carrying capacity
- Lower thermal conductivity than traditional pipes
- Virgin high grade PVC and uPVC material blended in house
- Lightweight, without compromising on the strength
- Biaxial orientation for stronger pipes
- Perfectly aligned, stress free pipe
- Increased wall thickness for better strength
- CE certified

With ProLine™ pipes, GWS has introduced the latest high-tensile, high-impact uPVC threaded pipes popularly known as column pipes for submersible pumps. An excellent, high-quality and unique alternative for conventional steel pipes.

ADVANTAGES

- ProLine™ pipe does not react with acidic or alkaline water
- ProLine™ column pipes are rigid with high impact resistance
- The smooth wall improves the flow of water by reducing friction loss
- Special rubber seals are provided with threads to ensure 100% leak proof joints at high pressure
- Square threads are designed for holding high load, these threads do not corrode, rust or deteriorate for up to 50 years of use
- Couplers are fitted to pipes and act as thread sealers utilizing a Superlock Sealing System to ensure that during installation and removal of pumps, the coupler does not come out and prevents column slippage
- Thickness of the pipes takes into consideration the weight of the pump

COMPARISON TABLE

	ProLine™	Galvanised Iron	HDPE Pipes
Joints	No corrosion Can withstand high load Special rubber seals	Corrosion Wear out after 2-3 years Not pressure tight No rubber seals	Threads cannot be formed Only push type joints
Head Loss	Very low head loss	High head loss	Medium head loss
Weight of Pipes	Light weight	Very heavy	Light weight
Longevity	Very long life	Frequent replacement needed	2 - 3 years

ACCESSORIES

CI and 304 Stainless Steel Top and Bottom adaptors available

Pump Guard Set and Lowering Fixture Clamps are also available for your convenience.

SPECIFICATIONS

Nominal Diameter		Type	Pcs per Box	Maximum Operating Pressure	Weight per Piece	Outer Diameter	Minimum Inner Diameter	Safe Pulling Load Chain	Ultimate Breaking Load
mm	inches		pcs	bar	kg	mm	mm	kg	kg
25	1	Medium	25	16	1.45	33.00 ± 0.2	24.2	800	1400
		Standard	25	30	1.95	33.00 ± 0.2	21	1250	1900
32	1 1/4	Medium	25	15	1.95	42.00 ± 0.3	31.6	1150	2000
		Standard	25	25	2.50	42.00 ± 0.3	29	1500	2600
		Heavy	25	35	3.35	42.00 ± 0.3	26.6	1800	3100
40	1 1/2	Medium	20	15	2.40	48.00 ± 0.25	37	1300	2500
		Standard	20	26	2.95	48.00 ± 0.25	35.6	1700	3000
		Heavy	20	35	3.95	48.00 ± 0.25	30.6	2400	4000
50	2	Medium	15	15	3.05	60.00 ± 0.3	49.6	1550	2900
		Standard	15	25	3.95	60.00 ± 0.3	46.7	2100	3800
		Heavy	10	27	4.90	60.00 ± 0.3	43.4	2850	5000
		Super Heavy	10	35	6.25	60.00 ± 0.3	41	3500	5600
65	2 1/2	Medium	10	12	3.95	75.00 ± 0.3	63.9	1930	3550
		Standard	10	17	4.95	75.00 ± 0.3	60.9	2860	5300
		Heavy	10	26	7.10	75.00 ± 0.3	56.6	4200	7000
		Super Heavy	10	35	8.80	75.00 ± 0.3	51.9	5500	9900
75	3	Medium	5	11	5.45	88.00 ± 0.3	75.4	2750	5100
		Standard	5	17	6.55	88.00 ± 0.3	71.4	4000	7200
		Heavy	5	26	9.30	88.00 ± 0.3	67.7	5700	10600
		Super Heavy	5	35	13.15	88.00 ± 0.3	61.9	6600	11900
100	4	Medium	4	11	7.50	113.00 ± 0.3	99.5	4100	6800
		Standard	4	15	10.45	113.00 ± 0.3	95.8	5800	10000
		Heavy	4	26	15.15	113.00 ± 0.3	87.6	9500	16000
		Super Heavy	4	35	21.50	113.00 ± 0.3	80	11500	18500

Total Pipe Length 3000mm +/- 10mm
* Minor dimensional variation might occur

Max. Working Temperature: 48°C / 118°F

ISO:9001 CE