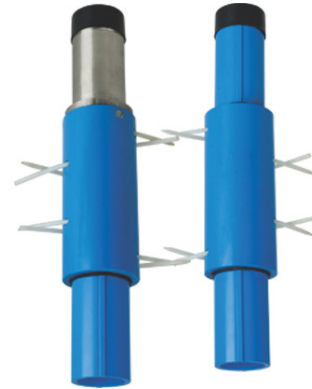


SURE-LOC PIPING SYSTEM

The Sure-Loc piping system is ideal for installing submersible pumps in water wells. It uses an innovative locking arrangement to hold the joint intact under tensile load, while the external ribs resist torsion forces, such as the torque generated when the pump starts and stops

- WRAS approved: safe for potable water
- Lightweight, easy to handle and transport
- Fast and easy to assemble and disassemble
- No curing time allows immediate pump testing
- Long life - PVC is chemical & corrosion resistant
- Low installation costs, no special tools required
- Efficient pumping due to low friction loss resulting in energy saving of up to 20%
- Smooth inner walls, no scale build up or erosion

Conforms to or exceeds the performance requirement of ASTM D 1785 Schedule 80 standard specifications for PVC pipe.



SURE-LOC PIPE

Available in 1 m and 3 m lengths

Approved under the Water Regulations Approval Scheme (WRAS)
Approval Number: [2309549](#).

Outside Diameter	Nominal Diameter	Wall Thickness	Outside Dia. Over Coupler	Max Depth of Installation	Max String Weight *	Max. Joint Strength	Max. Pump Rating	Max Pump Pressure	Max Pump Discharge
mm	inch	mm	mm	m	kg	kg	H.P.	psi	lpm
42	1¼	4.85	55	145	480	680	10	468	79
48	1½	5.08	63	145	550	860	15	423	109
60	2	5.54	81	145	740	1100	20	360	182
73	2½	7.01	95	145	1050	1540	30	360	261
88	3	7.62	114	145	1450	2260	30	333	407
114	4	8.56	141	145	2180	3650	50	288	709
141	5	9.52	168	145	3180	4690	75	261	1123
168	6	10.97	200	145	4460	7200	100	252	1609
219	8	12.7	260	145	7070	10200	125	225	2818

* Considering discharge pressure of 0.3kg/cm² (4.26 psi) at well head

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SURE-LOC PIPING SYSTEM

Conforms to or exceeds the performance requirement of ASTM D 1785 Schedule 80 standard specifications for PVC pipe.

Sure-Loc pipe is suitable for use in water abstraction projects and are approved under the Water Regulations Approval Scheme (WRAS), Approval Number: [2309549](#).

COUPLERS

The uniquely designed Sure Loc coupler has two set of grooves on each side to house the spline that aligns perfectly to the grooves on the pipe to be joined. Four splines provide extra tensile strenght to the joint, restricting movement during the starting and stopping of the pump.

Two rubber O rings in each Sure Loc coupler ensures a 100% leak-proof joint.

Available in 1½ to 6" diameter

TOP CONNECTORS

The top connector is machined to suit the Sure Loc coupler at one end and is BSP threaded at the other end.

Available in 1½ to 6" diameter

PUMP CONNECTORS

The pump connector is an assembly to BSP threaded stainless steel pipe at one end to match the socket threads in the pump head and a Sure Loc coupler on the other end. This is a factory fitted assembly and installers/users are advised not to disturb the assembly.

Available in 1½ to 6" diameter



Applications: • Submersible column pipe • Pumping mains • Temporary pumping system