

FLEXIBORE 400 Series

Flexible Rising Main

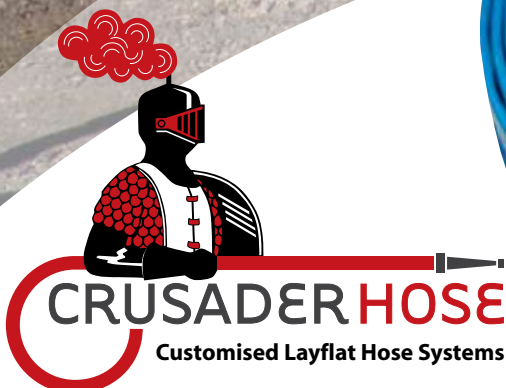


Description

Flexibore 400 is a flexible riser used for ground water pumping. By integrating thermoplastic polyurethane into a woven textile fabric of high tenacity polyester, the hose is produced. This process gives the hose flexibility while sustaining the weight of a submersible pump.

Compatibility

Flexibore 400 will suit many borehole applications and is compatible with most electrical submersible pumps. The sizes range from 76mm (3") to 152mm (6") internal diameter and depths of up to 400m.



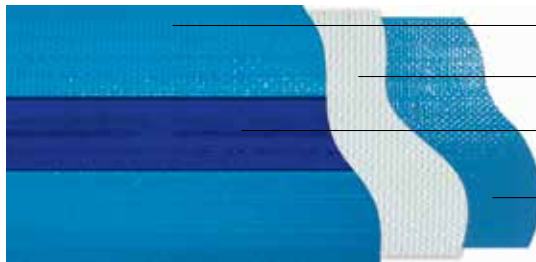
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Easy Installation

Once in the field, Flexibore 400 is attached to the pump with the patented couplings. The pump, with hose and power cables attached, is lowered into the bore using either a simple roller wheel or a crane. See our installation brochure for further details.



- Tough polyurethane cover
- Woven polyester fabric
- Strip with loops every half meter from which to secure power cable
- Impregnated polyurethane lining bonded to outer cover which eliminates separation

Each Crusader hose is covered by a 5 year pro-rata warranty against faulty materials and workmanship.

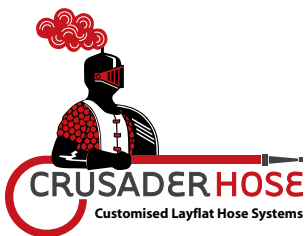
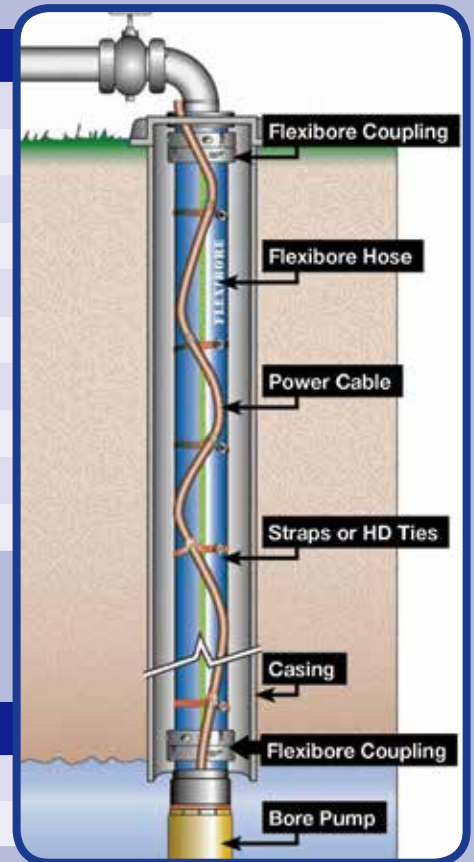
FLEXIBORE 400 SERIES

Nominal Size (inches)	3"	4"	5"	6"
Internal Diameter (mm)	76	102	127	152
Burst Pressure (bar)	110	110	90	90
Maximum Recommended Operating Head (m)	400	400	400	350
Peak Tensile Load (tonnes)	14	20	25	30
Maximum recommended Tensile Load (tonnes)	7	10	12	15
Weight of Flexibore (kg per metre)	1.5	2.3	3	3.5
Outer Diameter of Coupling (mm)	120	145	175	tba
Weight of Stainless Steel Coupling (kg)	6	8	12	tba
Fitting Bolt Torque	60Nm	60Nm	80Nm	80Nm

NOTE: For OPERATION beyond stated RECOMMENDED OPERATING LIMITS, contact your Flexibore distributor.

OTHER SPECS

Maximum operating temperature	50°C-70°C	Maximum diametric swell	15%
Water pH range	3 to 9	Maximum extension	0.5%



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