

8" & 10" FLEXIBORE

Flexible Rising Main

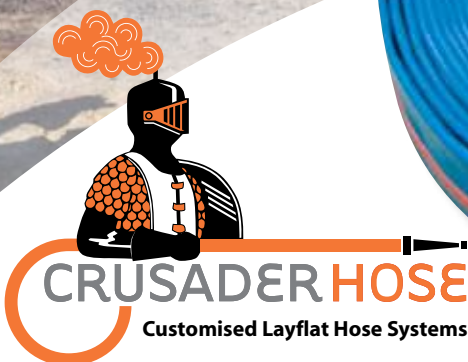


Description

Flexibore® is a flexible riser used for ground water pumping. This flexible hose is fabricated by integrating thermoplastic polyurethane into a woven textile reinforcement of high-tenacity polyester. This process gives **Flexibore**® both pressure and tensile strength to sustain the forces when pumping groundwater with a submersible pump.

Compatibility

Flexibore® will suit many borehole applications and is compatible with most submersible pumps.



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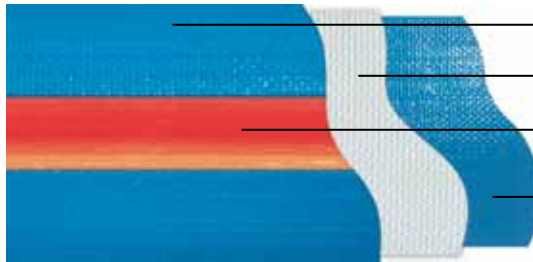
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Easy Installation

Once in the field, the **Flexibore**® is attached to the pump with the patented couplings. The pump, with hose and cables attached, is lowered into the bore using either a simple rolling wheel or a crane. See our installation manual for further details or visit www.flexibore.com.au.



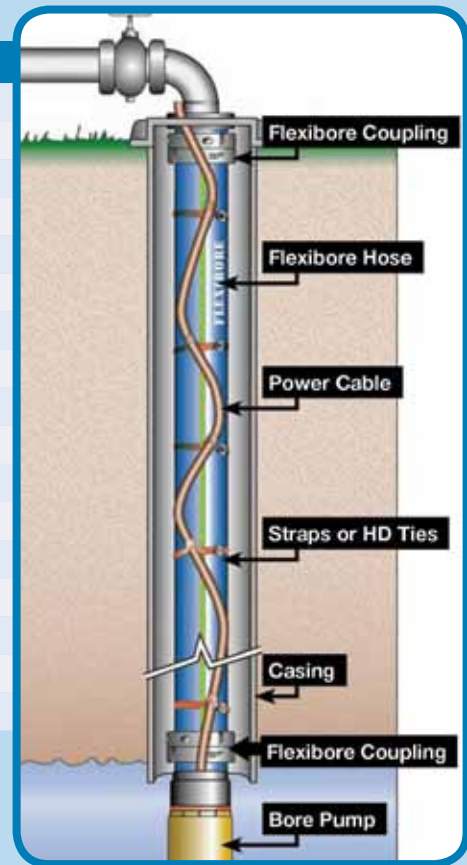
- Tough polyurethane cover
- Woven textile reinforcement
- Strip with loops every half meter from which to secure power cable
- Impregnated polyurethane lining bonded to outer cover which eliminates separation

Each 8" & 10" Flexibore® is covered by a 5-year pro-rata warranty against faulty materials and workmanship.

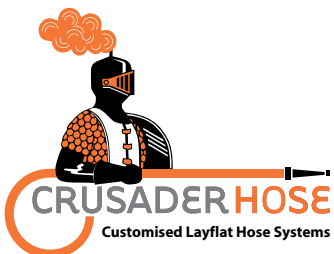
FLEXIBORE®

Nominal Size (inches)	8"	10"
Internal Diameter (mm)	203	254
Burst Pressure (bar)	42	42
Maximum Recommended Operating Head (bar)	21	21
Peak Tensile Load (tonnes)	22	20
Maximum Recommended Tensile Load (tonnes)	11	10
Weight of Flexibore® (kg/m)	3.4	4.5
Outer Diameter of Coupling (mm)	270	325
Weight of Coupling Stainless Steel (kg)	41	45
Weight of Water at 10% Swell (kg/m)	35.20	56.10
Fitting Bolt Torque (Nm)	80	80
Maximum Flow Rate (litres/sec)	148	200
Maximum Operating Temperature	60°C	
Water pH Range	3 to 9	
Maximum Diametric Swell	15%	
Maximum Extension	2%	
Safety Factor	2:1	

NOTE: For OPERATION beyond stated RECOMMENDED OPERATING LIMITS, CONTACT your **Flexibore**® distributor.



Authorised Distributor



www.crusaderhose.com.au