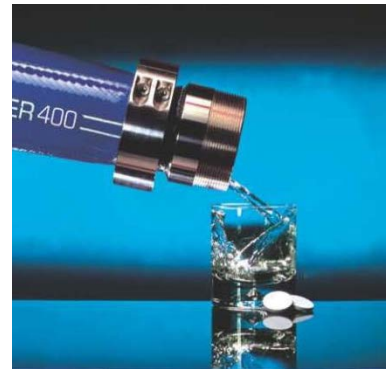


Flexible Rising Main

Carter Pumps have been installing flexible rising main on boreholes since we started drilling in 1984. We have extensive knowledge of this solution and good stock levels

Technical Specification

Diameter	Inch	1 ½	2	3
	mm	38	51	76
Standard colour		Blue	Blue	Blue
Minimum short burst pressure	bar	35	35	35
Minimum tensile strength	tonne	2	2	4
Nominal riser weights	Kg/m	0.3	0.4	0.8
Maximum diameter swell under operating conditions	%	15	15	15
Maximum extension under operating conditions	%	2	2	2
Maximum continuous working head	m	150	150	150
Maximum tensile loading*	Tonne	0.8	0.8	1.6
Nominal coupling weight	Kg	1.0	1.3	3.3
Operational temperature range	°C	-40 to 50		
Recommended operating pH range	Below 30°C	4 to 9		
	30°C to 50°C	5 to 9		



- Regulation 31 UK Drinking Water Inspectorate approval
- High safety margins in both tensile and hydraulic performance
- Total corrosion, microbiological and internal scaling resistance
- Compatible with all types of submersible pumps
- Long operational life
- Avoids the need for a crane to remove borehole pump
- Superior hydraulic performance with low friction loss for reduced operational costs

A cost effective flexible layflat riser designed for use with submersible pumps in borehole water extraction.

Offers major cost savings and performance advantages over conventional rigid polyethylene, PVC, glass fibre and galvanised pipe.

Manufactured from high tenacity synthetic yarns, circular woven and totally encapsulated in a tough elastomeric polyurethane lining and cover. The riser has an integral textile reinforced rib for location of the power cable strapping system.

Carter Pumps can also help with . . .

Borehole drilling.

Geologic prognosis report.

Water analysis.

Ground works. Undertaking all types of ground works including trenching of pipes and cables.

Electrical works. We are an NICEIC approved electrical contractor.

Water treatment. Including nitrate removal, softening, particulate filtration, UV sterilisation and sodium hypochlorite dosing.

Reservoirs.

Break tanks

Booster sets

