

Wellmaster 400

Flexible Rising Main System



Wellmaster 400 Reaches New Depths

- Every Metre of Hose Tested
  Every metre of hose is extensively tested before it leaves the factory to ensure optimal performance
- Optimised and Proven Hydraulic Performance
  Documented Wellmaster range service life performance of 25 years. Depths of up to 400m
- Reduced Installation Costs
  Overall installation costs reduced due to speed of installation and retrieval with minimal plant required

Wellmaster is the Industry Standard Flexible Rising Main for all types of ground water extraction and well monitoring operations. Its simplicity of installation makes Wellmaster the cost-effective alternative to rigid pipe.

Wellmaster 400 combines an integrated riser system, coupling accessories and ongoing technical support into one trusted package.

Features

- Lightweight, layflat coilable construction for ease of storage, handling and transport
- High safety margins in both tensile and hydraulic performance
- Total corrosion, microbiological and internal scaling resistance
- Operatives do not have to work under suspended loads. No stored coil energy
- Abrasion resistant lining and cover
- Rapid installation and retrieval methods resulting in substantial labour and cost savings

Full Product Support Package

WellCalc

The WellCalc Software package correctly calculates all the relevant factors required when designing a submersible pump installation. The programme is only applicable to the unique construction and performance of Wellmaster and its concurrently engineered products.

Training

Angus Flexible Pipelines (AFP) runs approved installer courses both at the Angus factory and on-site. Angus engineers are also available to offer on-site installation support.

Warranty

Further details of our warranty may be obtained from your AFP contact. Wellmaster comes with a standard 5 year warranty, however an extended 10 year warranty is available for Wellmaster installations conducted by AFP accredited personnel and where the installation has been approved using the WellCalc Software.

Quality Assurance

- Specifically designed for use with our range of reusable, field-fitted, high security 316 stainless steel couplings which are designed and engineered for use with Wellmaster 400 (other materials available).
- UK - DWI Regulation 31
- USA - NSF/ANSI/CAN-61
- Australia - AS 4020 Compliance

Typical Applications

Over 100,000 installations worldwide and across many sectors:

- Mine and quarry de-watering
- Mineral groundwater extraction
- Drains, caisson duty, offshore rigs and platforms
- Offshore fire protection pumping



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Technical Specification				
Diameter	**inch**	**3**	**4**	**6**
	mm	**76**	**102**	**152**
Standard Colour		Blue	Blue	Blue
Minimum burst pressure	bar	110	110	80
Minimum tensile strength	tonne	12	16	30
Nominal riser weights	kg/m	1.50	2.00	4.00
Maximum Diameter Swell under normal operation	%	15	15	15
Maximum extension under normal operating conditions	%	2	2	2
Maximum recommended continuous working head	m	450	450	400
Maximum recommended loading *	tonne	6	8	15
Nominal coupling weight	kg	8	12	20
Water temperature range	°C		-40 to +50	
Recommended water pH range			4 to 9	

* including weight of couplings, water, pump, power cable, surface head and any other attachments.







Manufactured under Angus Flexible Pipelines ISO 9001 Quality Management Systems accreditation.

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