

Wellmaster 400

**Flexible Rising Main System
with Regulation 31 Approval**

- 400m total working head
- Additional end tensile strength
- No corrosion
- No bacteria growth
- 5 year warranty



Wellmaster 400 is the next generation Flexible Rising Main for all types of ground water extraction and well monitoring operations. Its simplicity of installation makes Wellmaster 400 the cost-effective alternative to rigid steel pipe, especially for deep well construction.

Wellmaster 400 is 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. The larger sizes have two ribs.



Features

- Lightweight, layflat coilable construction for ease of storage, handling and transport
- World-wide potable water 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 with a 5 year warranty
- High abrasion resistant lining and cover
- Superior hydraulic performance with low friction loss for reduced operation costs
- Rapid installation and retrieval methods resulting in substantial labour and cost savings
- Manufactured under Angus Flexible Pipelines ISO 9001 Quality Management Systems accreditation
- Available with a range of reusable field-fittable high security 316 stainless steel couplings and a full range of other accessories.

Approvals

- Regulation 31 UK Drinking Water Inspectorate
- NSF International in the USA
- AS 4020 in Australia

Typical Applications

Based on Wellmaster's proven performance over thirty years in over 70,000 installations.

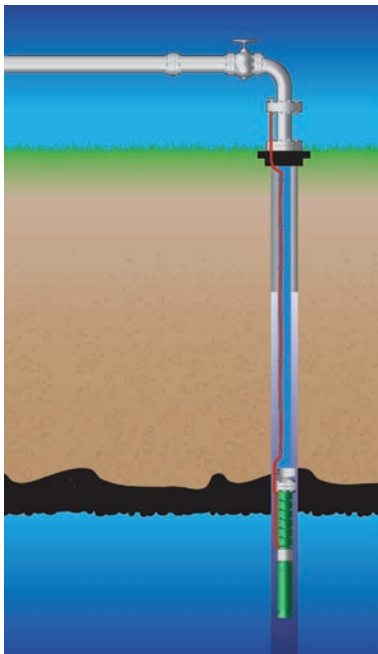
- Potable and mineral groundwater extraction
- Water supply wells for desalination plants
- Deep mine and quarry de-watering
- Drains, caisson duty, offshore rigs and platforms
- Wells for reverse osmosis plants
- Offshore fire protection pumping
- Scavenger pumping
- Groundwater pressure reduction in tunnelling

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Technical Specification		
Diameter	inch	3
	mm	76
Standard colour		Blue
Minimum short length burst pressure	bar	100
Minimum tensile strength	tonne	12
Nominal riser weights	kg/m	1.4
Maximum diametral swell under operating conditions	%	15
Maximum extension under operating conditions	%	2
Maximum recommended continuous working head	m	400
Maximum recommended loading *	tonne	5.0
Operational temperature range	°C	-40 to 40
Recommended operating pH range	below 30°C	4 to 9
	30°C to 50°C	5 to 9

* Including weight of water, pump, power cable, couplings, attachments and surface head



FM 00215

Wellmaster

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Angus Flexible Pipelines operates a continuous programme of product development. The right is therefore reserved to modify any specification without prior notice and Angus Flexible Pipelines should be contacted to ensure that the current issues of all technical data sheets are used.

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