

Wellmaster 250

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

- 250m total working head
- Tensile strengths to 20 tonnes
- 200m single lengths
- No corrosion
- No bacteria growth
- 5 year warranty



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 steel pipe.

Wellmaster 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
- BDA and DVGW in Germany
- AS 4020 in Australia

Typical Applications

Proven performance over thirty years in over 70,000 installations.

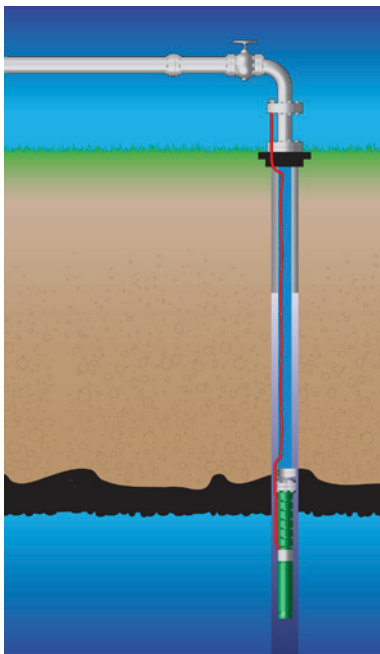
- Potable and mineral groundwater extraction
- Water supply wells for desalination plants
- Leachate extraction on landfill sites
- Mine and quarry de-watering
- Drains, caisson duty, offshore rigs and platforms
- Prevention of saline intrusion
- Groundwater stabilisation on building sites
- Offshore fire protection pumping
- Scavenger pumping
- Groundwater pressure reduction in tunnelling

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Technical Specification						
Diameter	inch	2	3	4	5	6
	mm	51	76	102	127	152
Standard colour		Blue	Blue	Blue	Blue	Blue
Minimum short length burst pressure	bar	57	57	57	57	57
Actual tensile strength	tonne	4	7	12	15	20
Nominal riser weights	kg/m	0.57	0.98	1.40	2.00	2.61
Maximum diametral swell under operating conditions	%	15	15	15	15	15
Maximum extension under operating conditions	%	2	2	2	2	2
Maximum recommended continuous working head	m	250	250	250	250	250
Maximum recommended loading *	tonne	1.6	2.8	4.8	6.0	8.0
Nominal coupling weight	kg	1.3	3.3	5.4	10.3	13.5
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	

* 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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