

# Wellmaster

## Wellmaster 400



### Benefits

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

### Wellmaster

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.

### 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

### Technical Specification

Diameter	inch	3	4
	mm	76	102
Standard colour		Blue	Blue
Minimum short length burst pressure	bar	100	100
Minimum tensile strength	tonne	12	18
Nominal riser weights	kg/m	1.4	2.1
Maximum diametral swell under operating conditions	%	15	15
Maximum extension under operating conditions	%	2	2
Maximum recommended continuous working head	m	400	400
Maximum recommended loading *	tonne	5.0	7.2
Nominal coupling weight	kg	3.5	6.0
Operational temperature range	°C	-40 to 50	-40 to 50
Recommended operating pH range		below 30°C 4 to 9	4 to 9
		30°C to 50°C 5 to 9	5 to 9

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

