

Wellmaster

Wellmaster 150



Benefits

- 150m total working head
- 200m single lengths
- 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. A low cost flexible layflat riser designed for use with submersible pumps in groundwater borehole extraction. Offers major cost savings and performance advantages over conventional rigid polyethylene, PVC, glass fibre and galvanised 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
- Highly abrasion resistant lining and cover
- Superior hydraulic performance with low friction loss for reduced operational 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 agricultural and domestic use
- Mine and quarry de-watering
- Drains, caisson duty, offshore rigs and platforms
- Prevention of saline intrusion
- Groundwater stabilisation on building sites
- Scavenge pumping
- Groundwater pressure reduction in tunnelling operations

Technical Specification				
Diameter	inch	1½	2	3
	mm	38	51	76
SEE NOTE 1 BELOW				
Standard colour		Blue	Blue	Blue
Minimum short length 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 diametral 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		

NOTE 1: For 32mm pump applications Angus recommends the use of 38mm Wellmaster 150 coupled with special design 32mm threaded couplings

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

