

# Wellmaster 150

**Flexible Drop Pipe System**  
**NSF Approved**  
**AHS270**

- 150m total working head
- 200m single lengths
- No corrosion
- No bacterial growth
- 5 year warranty



**Wellmaster is the industry standard Flexible Drop Pipe System 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 labor and cost savings
- Manufactured under Angus Fire 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

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

# Wellmaster 150

Flexible Drop Pipe System NSF Approved

Technical Specification – Imperial					
Diameter	inch	1¼	1½	2	3
SEE NOTE 1 BELOW					
Standard color			Blue	Blue	Blue
Minimum short length burst pressure	psi		500	500	500
Minimum tensile strength I	bs		4410	4410	8820
Nominal riser weights	lbs/ft		0.2	0.27	0.54
Maximum diametral swell under operating conditions	%		15	15	15
Maximum extension under operating conditions	%		2	2	2
Maximum continuous working head	ft		490	490	490
Maximum tensile loading *	lbs		1760	1760	3520
Nominal coupling weight	lbs		2.2	2.8	7.2
Operational temperature range	°F			-40 to 122	
Recommended operating pH range				4 to 9	
					86°F to 122°F
				5 to 9	

NOTE 1: For 1¼" pump applications Angus recommends the use of 1½" Wellmaster 150 coupled with special design 1¼" threaded couplings

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

Technical Specification – Metric					
Diameter	mm	32	38	51	76
SEE NOTE 1 BELOW					
Standard color			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				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