

# Aquaplus

Aquaplus Oroflex Well  
Flexible Rising Main  
FRM Series 10  
FRM Series 25



Flexible Rising Main

5 Year  
Warranty!

[www.aquapluspumps.com.au](http://www.aquapluspumps.com.au)

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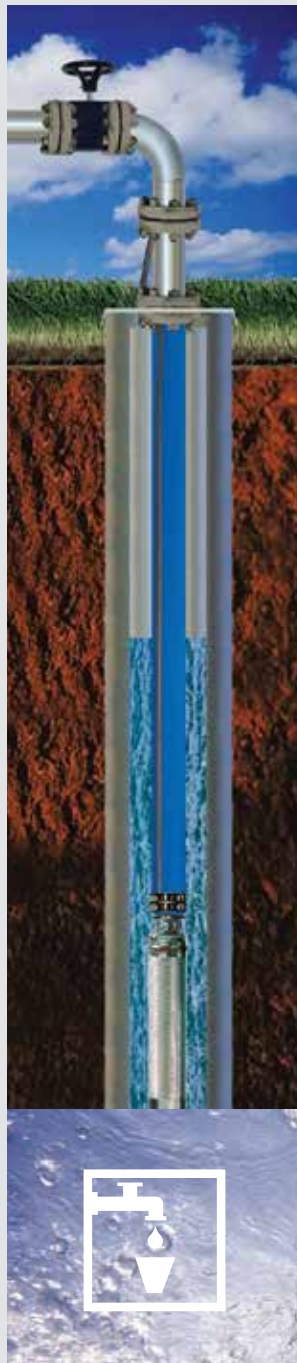
- 6 advantages of using Aquaplus Oroflex Well
- FRM Series 25 for high pressure pumps
- FRM Series 10 for low pressure pumps

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### THE FLEXIBLE PIPING SYSTEM FOR GROUNDWATER EXTRACTION

The **Aquaplus Oroflex Well** flexible piping system offers a broad range of products designed for groundwater extraction applications in a variety of sectors, from residential wells, agriculture, mining to water utilities.

#### EASE OF HANDLING

The lightweight **Aquaplus Oroflex Well** flexible piping is much easier to handle, deploy and retrieve than rigid tubing, drastically reducing the time and cost involved when installing submersible pumps.

#### BETTER PERFORMANCE

Low maintenance and a long service life contribute to the outstanding performance of the system. This is enhanced by its high resistance to corrosion and scaling. The energy costs are reduced in comparison with steel tube and PVC systems, due to the low friction loss and consequent efficient operation of the pump. An added benefit, more water can be transported through the system due to the expansion of the hose. **Aquaplus Oroflex Well** is approved for use with potable water.

#### LONG TERM COST SAVINGS

The **Aquaplus Oroflex Well** system will bring economic benefits due to its energy saving costs, and other operating advantages such as low maintenance expenses and long term life.

#### A COMPLETE SYSTEM

The **Aquaplus Oroflex Well** system consists of flexible piping, a complete selection of couplings and accessories, designed to make the installation of pumps in wells easy and quick, thus enhancing the advantages the system offers compared to conventional installations.

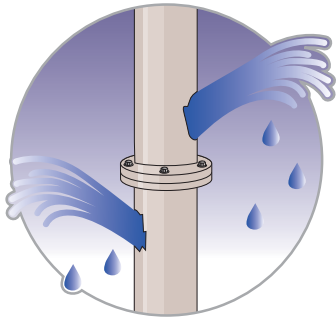
#### WARRANTY

**5 year warranty** against any manufacturing defects of the **Aquaplus Oroflex Well** system products.

**Thousands of wells in countries all over the world have been fitted with Aquaplus Oroflex Well flexible piping over the last 18 years, helping their owners get the most out of their resources.**

## 6 ADVANTAGES OF USING AQUAPLUS OROFLEX WELL

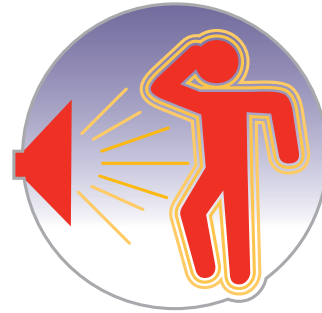
### CORROSION RESISTANT



AQUAPLUS OROFLEX WELL DOES NOT CORRODE.

The flexible tubing is made of polyurethane and high-tenacity polyester yarn, which does not corrode.

### VIBRATION AND NOISE



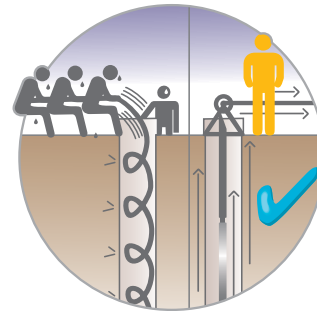
AQUAPLUS OROFLEX WELL ABSORBS VIBRATIONS, RAPID CHANGES IN PRESSURE AND UNWANTED NOISE FROM THE INSTALLATION.

### ENERGY SAVING



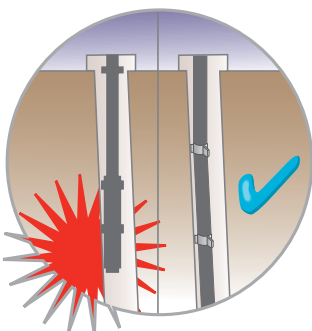
AQUAPLUS OROFLEX WELL AVOIDS INCRUSTATIONS, REDUCING HOSE PRESSURE LOSS AND MINIMISING ENERGY CONSUMPTION.

### SELF-SUPPORTING LAYFLAT RISER



AQUAPLUS OROFLEX WELL DOES NOT NEED ANY SUPPLEMENTARY FASTENING ELEMENTS.

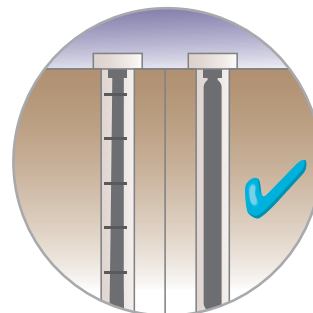
### IRREGULAR WELLS



AQUAPLUS OROFLEX WELL CAN EASILY BE INSTALLED IN IRREGULAR WELLS.

Aquaplus Oroflex Well can be installed with centering devices, and technical problems can thus be avoided.

### NARROW WELLS



AQUAPLUS OROFLEX WELL PERMITS A HIGHER WATER FLOW IN NARROW WELLS.

Aquaplus Oroflex Well is produced in one single length. This makes it possible to install piping of a larger diameter compared to rigid tubes.

## FRM Series 25

### Flexible tubing for high pressure pumps

**Max. Flow:** 3.1 - 75 L/sec

**Max. Working Pressure:** 25 bar

**Diameter:** 32 - 150 mm

- Made of polyurethane with polyester textile internal reinforcement
- Appropriate for potable water
- Meets requirements of certification NSF61 and WRAS
- Low pressure loss due to dilatation (15% at working pressure)
- Resistant to high temperatures and acid water

Maximum working pressure: -40°C to +50°C

pH at T° < 30°C: 4 to 9

pH between 30°C and 50°C: 5 to 9



### Flexible piping for high pressure pumps

Description	Nominal Diameter	Max Recommended Flow	Max Working Pressure	Max Recommended Loading*	Length in Rolls
		L/sec	bar	kg	m
Aquaplex Oroflex Well 25	1¼" - 32mm	3.1	20	700	up to 500
Aquaplex Oroflex Well 25	1½" - 40mm	4.0	26	1,200	up to 500
Aquaplex Oroflex Well 25	2" - 50mm	8.3	25	1,600	up to 500
Aquaplex Oroflex Well 25	2½" - 65mm	10.8	26	2,200	up to 500
Aquaplex Oroflex Well 25	3" - 76mm	20	25	2,800	up to 400
Aquaplex Oroflex Well 25	4" - 102mm	33.3	25	4,800	up to 400
Aquaplex Oroflex Well 25	5" - 125mm	50	25	6,000	up to 250
Aquaplex Oroflex Well 25	6" - 150mm	75	25	8,000	up to 250

\* Including the weight of the hose, the power cables, the couplings, the pump, other accessories and the water column.

### Applications

- Obtaining underground water
  - Residential
  - Agriculture
  - Sports fields, Playgrounds, Parks, etc ...
  - Industry
- Appraisal wells
- Water monitoring
- Mining
- Dewatering

## FRM Series 10

### Flexible tubing for low pressure pumps

**Max. Flow:** 2 - 73.1 L/sec

**Max. Working Pressure:** 10 - 12 bar

**Diameter:** 25 - 32 mm

- Made of polyurethane with polyester textile internal reinforcement
- Appropriate for potable water
- Meets requirements of certification NSF61 an WRAS
- Deliverable in rolls up to 500 m / 1640 ft
- Low pressure loss due to dilatation (15% at working pressure)



### Flexible piping for low pressure pumps

Description	Nominal Diameter	Max Recommended Flow	Max Working Pressure	Max Recommended Loading*	Length in Rolls
		L/sec	bar	kg	m
Aquaplex Oroflex Well 10	1" - 25mm	2	12	180	up to 500
Aquaplex Oroflex Well 10	1¼" - 32mm	3.1	10	400	up to 500

\* Including the weight of the hose, the power cables, the couplings, the pump, other accessories and the water column.

### Accessories



### Applications

- Obtaining underground water
  - Residential
  - Agriculture
  - Sports fields, Playgrounds, Parks, etc ...
  - Industry
- Appraisal wells
- Water monitoring
- Mining
- Dewatering







## Aquaplus Product Range

ESD Series – End Suction DIN (24255) Pumps

ESI Series – End Suction ISO (2585) Pumps

SP Series – Self Priming Pumps

SD Series – Submersible Dewatering Pumps

SS Series – Submersible Sewerage Pumps

ARJ Series – Aerators (Jet)

ARS Series – Aerators (Submersible)

AD Series – Air Diaphragm Pumps

FRM Series – Flexible Rising Main (Borehole Pump Hose)

MS Series – Mechanical Seals (Single Spring & Cartridge)

We are also able to provide Progressive Cavity, Peristaltic Pumps, Split Case Pumps and Magnetic Drive Pumps.



AVAILABLE FROM



**1800 733 687**

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