



The Flexible Rising Main System



Oroflex WELT



OROFLEX WELL is an innovative flexible rising main system designed for use in ground water extraction. Developed by a team with over 40 years' experience of producing extruded, circular woven polyurethane hoses. Tens of thousands of wells have been successfully installed worldwide using OROFLEX WELL hoses.

Oroflex Well has quickly gained world-wide acceptance as a reliable high quality product and is approved for the use of drinking water by NSF of America and complies with the British Standard BS 6920:2014.

The proven design and performance of **Oroflex Well** ensures a trouble free and cost effective well installation for the pump installer.

Client benefits are many, from lower operating and installation costs to zero water contamination.

In addition to these attributes, fast pump servicing (Minimal headroom required) and a total resistance to co-rrosion, scaling and attacks by microorganisms mean that **Oroflex Well** is the perfect partner for the well installer.

- Dewatering
- Agriculture
- Industry water supply
- Well point
- Appraisal of water wells
- Water monitoring
- Draining
- Mineral extraction
- Desalinations plants
- Marine and offshore industry
- Leachate extraction on landfill sites



Oroflex[®] Well

The characteristics of the **OROFLEX WELL SYSTEM** make it a brilliant investment in reliable and long-term cost-efficient water extraction:

- **ENERGY EFFICIENT** Will transport more water than rigid piping of the same diameter.
- **EASE OF HANDLING** Easy to deploy and retrieve. Storage on a reel, taking little space.
- **REDUCED INSTALLATION COSTS** Is installed quicker and with use of less manpower than other solutions.



- **LONG SERVICE LIFE**

Can be installed many times without significant wear.

- **TOTAL CORROSION FREE**

Does not corrode and does not suffer from scaling or attacks from microorganisms.

- **MAXIMISES WATER FLOW IN NARROW WELLS**

- **FULLY APPROVED FOR POTABLE WATER**

It is certified to NSF-61 (US) and BS 6920:2014 compliant (UK).



NSF - 61

Only products bearing the NSF mark are certified



- **IDEAL FOR CROOKED WELLS** Where rigid piping cannot be installed.

- **EXCELLENT PERFORMANCE WITH AGGRESSIVE WATER**

Usable with water with a pH between 4 and 9.

- **ENVIRONMENTALLY FRIENDLY**

The flexible riser absorbs noises and vibrations

- **LONG LENGTHS AVAILABLE** Can be installed in wells with a depth of up to 260m. Does not require safety cables.

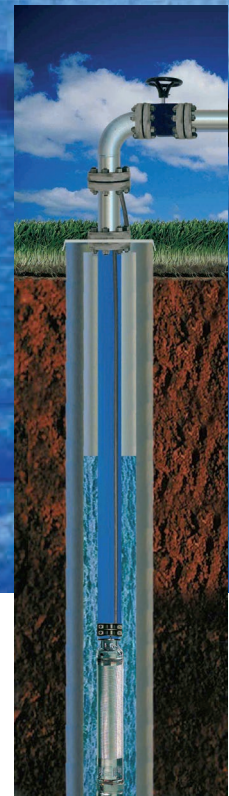
- **5-YEAR WARRANTY.**

Oroflex[®] Well

A complete system for groundwater extraction

The OROFLEX WELL system offers a broad range of accessories designed to deliver water safety and efficiently to the surface.





Oroflex[®] Well

DIAMETER	Inch	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8
	mm	32	40	52	65	76	102	127	152	203
Maximum Working Pressure	psi	505	435	375	375	375	375	375	375	230
	bar	35	30	26	26	26	26	26	26	16
Burst Pressure	psi	1,160	1,015	900	840	900	900	840	840	600
	bar	80	70	62	58	62	62	58	58	42
Tensile Strength	lb	6,000	7,700	12,150	13,250	19,850	30,850	39,700	63,950	77,200
	kg	3,000	3,500	5,500	6,000	9,000	14,000	18,000	29,000	35,000
Hose Nominal Weight (without coupling)	lb/ft	0.19	0.24	0.40	0.52	0.68	0.93	1.30	1.77	2.22
	kg/m	0.29	0.35	0.59	0.78	1.02	1.38	1.94	2.63	3.30
Maximum Recommend Load (a)	lb	1,540	1,540	3,530	4,850	6,170	10,580	13,230	17,640	24,030
	kg	700	700	1,600	2,200	2,800	4,800	6,000	8,000	10,900
Maximum Depth	ft	990*	990*	990*	990*	990*	990*	850*	850*	500
	m	300*	300*	300*	300*	300*	300*	260*	260*	150
Maximum Elongation	%	2	2	2	2	2	2	2	2	2
Average Expansion	%	10-15	10-15	10-15	10-15	10-15	10-15	10-15	10-15	10-15
Service Temperature	-40°F to 122°F 40°C to 50°C									
Recommended Operating PH Range	4 to 9 below 86°F (30°C) and 5 to 9 from 86°F to 122°F (from 30°C to 50°C).									
Maximum Lengths	ft	3,280	1,640	1,640	1,640	1,640	1,640	980	980	980
	m	1,000	500	500	500	500	500	300	300	300
Maximum Recommended Flow	gpm (US)	50	70	130	210	320	530	790	1,190	2,110
	lpm	200	270	500	800	1,200	2,000	3,000	4,500	8,000

a) Including hose weight, cable, couplings, other accessories, pressure at the top of the well, and weight of the water .

* Installations above 660ft (200m) should be consulted before installing.



Oroflex[®] Well

CONVERSION TABLE

LENGTH

1 inch	25.4 millimeter
1 foot	30.48 centimeter
1 yard	0.9144 meter

VOLUME

1 gallon (GB)	4.546 liter
1 gallon (USA)	3.78 liter
1 gallon (USA)	0.8315 gallon (GB)

WEIGHT

1 ounce	28.3495 gram
1 pound	0.4539 kilogram

PRESSURE

1 psi	0.06895 bar
1 psi	0.06806 atm
1 atm	1.01329 bar



SPAIN & PORTUGAL - TIPSA
 Av. de Barcelona, 20
 08970 Sant Joan Despí
 Barcelona, Spain
 Phone: +34 93 602 1818
tipsaex@tipsa.com
www.tipsa.com

EMEA REGION (except Spain & Portugal)
 KURIYAMA EUROPE COÖPERATIEF
 Buitenveldertselaan 106
 1081 AB Amsterdam,
 The Netherlands
 Phone: +31 (0)20 723 0505
sales@kuriyama.eu
www.kuriyama.eu

LATIN AMERICA - ARGENTINA - INQUISA
 Condarco 215 PB
 Quilmes, B1878FDE Buenos Aires,
 ARGENTINA
 Phone: + 54 11 4224-1659 / 4224-9019
info@inquisa.com.ar
www.inquisa.com.ar

NORTH AMERICA - USA - KURIYAMA OF AMERICA
 360 E. State Parkway
 Schaumburg, IL 60173-5335, USA
 Phone: +1 (847) 755-0360
 Toll-Free FAX: (800) 800-0320
sales@kuriyama.com
www.kuriyama.com

CENTRAL AMERICA - KURIYAMA DE MÉXICO
 Apodaca (Monterrey), N.L.
 C.P. 66600, México
 Phone: +81 1086-1870 x 71
 Toll-Free: (800) 250-5132
ventas@kuriyama.com
www.kuriyama.com/lang-es/kom.php

ASIA-PACIFIC - AUSTRALIA - TIPSA
 26, Copeland St.
 Alexandria, NSW 2015, AUSTRALIA
 Phone: + 61 2 9517 9995
tipsa.sidney@tipsa.com
www.tipsa.com