



# BORELINE

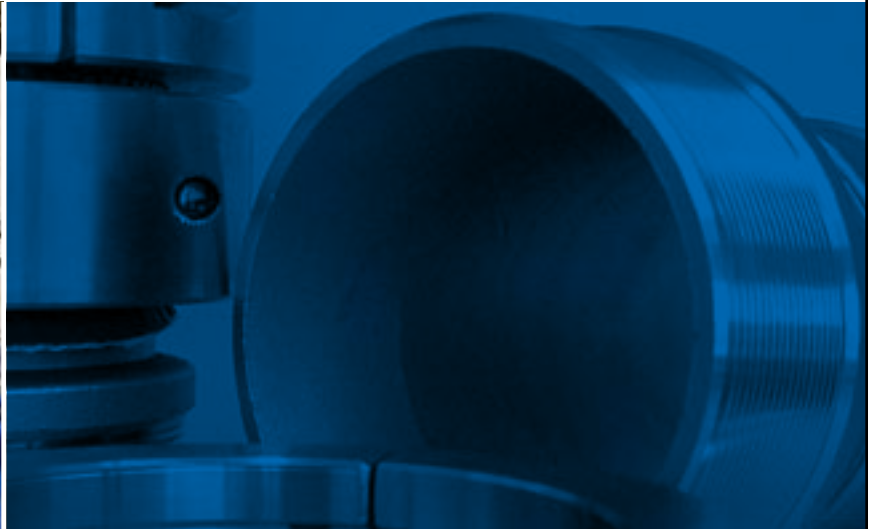
Flexible Drop Pipe

**Hose Solutions Inc**

[www.allhoses.com](http://www.allhoses.com)

# The **BORELINE** Advantage

There is no easier way to install submersible pumps than with **BORELINE** Flexible Drop Pipe. Designed to keep it simple, safe and efficient.



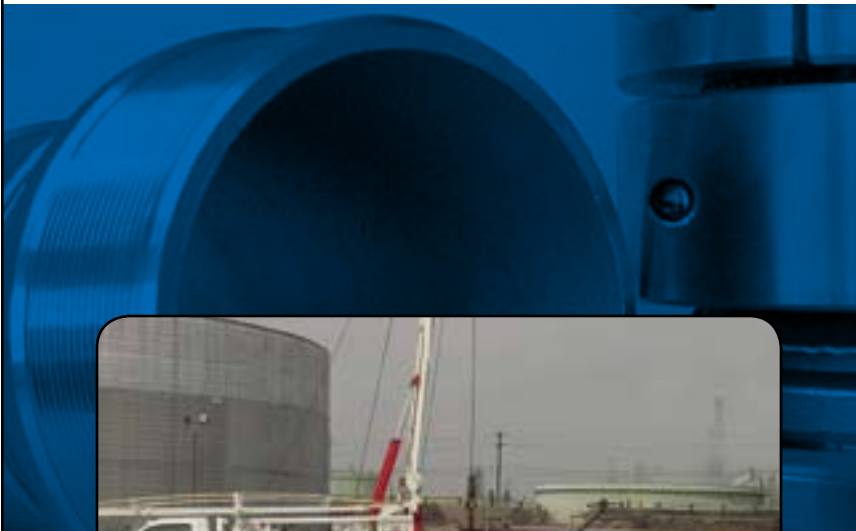
Consider the **BORELINE** advantages:

- SAFE**
  - Very Simple Installation And Retrieval
  - Easy to Store, Handle And Transport
  - High Performance Design
- APPROVED**
  - NSF 61 Approved
  - UKAS, WRAS, SABS
  - ISO 9001 : 2000
- EFFICIENT**
  - Life Time Savings
- LONG LIFE**
  - 10 Year Warranty
  - Total Corrosion Resistance
  - Zero Maintenance Product



# Value Engineering at its Best

**BORELINE** Flexible Drop Pipe is used where submersible pumps are installed worldwide including North America, South America, Europe, Africa, Australia and Asia.



Industries using  
**BORELINE** include:

- MINES
- **AGRICULTURE**
- WATER UTILITIES
- **ENVIRONMENTAL**
- INDUSTRIAL
- **SOLAR**



# BORELINE – It Does Make Sense

**BORELINE** Flexible Drop Pipe is ideal when improved efficiency and superior standards are required.



## **Aggressive Water Conditions** – *Mining, Petroleum, Naval*

Insist on **BORELINE** Flexible Drop Pipe when Potable Drinking Water is required for large utilities or small domestic applications.

## **Contaminated Sites, Environmental Clean-up**

Contaminated sites require pumping in aggressive conditions resulting in the constant replacement of pumps, motors and pipe. Apart from the extended Life Expectancy of **BORELINE**, pumps can be installed and retrieved without handling, or contamination.



POTABLE WATER CERTIFICATION  
NSF 61, WRAS, SABS

# BORELINE – Installation Procedure

## STEP 1

Connect  
**BORELINE**  
to pump



## STEP 2

Attach power  
cable using  
**BORELINE**  
Cable Straps



## STEP 3

Lift pump  
and lower  
**BORELINE**  
into well



**Vertical Installations** – use clamps to lower Boreline and pump

**Horizontal Installations** – attach **BORELINE** to vehicle and lower into well

# BORELINE – Feedback

*"Great Response!"*

*"Great Company!"*

*"Great Product!"*

*"The Boreline product is doing great. Your pipe has been trouble-free for nine years."*

**Dave** | Arizona



*"My pump installation is going strong and the well has exceeded my water expectations. It has been running 24/7."*

*"This has worked so well that I now plan on doing other wells in the same manner. I will re-fit the existing wells with Boreline as the pumps need to be replaced too."*

*"There is no question that Boreline is the way to go."*

**Bob** | California



*"We have no more issues with corrosion. It is very easy and safe to work with Boreline."*

*"This is a great product!"*

**Craig** | Tennessee



*"I like this product very much while your support is also exceptional. Thank you. I will continue using Boreline on all my wells."*

**George** | Alaska



# BORELINE Specifications

NOMINAL SIZE	1"	1 1/2"	2"	3"	4"	5"	6"	8"
INSIDE DIAMETER	24 mm	40 mm	50 mm	76 mm	102 mm	127 mm	152 mm	202 mm
THEORETICAL BURST PRESSURE	70 bar 980 psi	65 bar 920 psi	65 bar 920psi	60 bar 850 psi	58 bar 820 psi	58 bar 800 psi	58 bar 800 psi	42 bar 600 psi
OPERATING PRESSURE	35 bar 500 psi	30 bar 425 psi	30 bar 425 psi	25 bar 350 psi	25 bar 300 psi	22 bar 310 psi	22 bar 310 psi	14 bar 210 psi
THEORETICAL TENSILE STRENGTH	1,400 kgs 3,000 lbs	3,000 kgs 7,000 lbs	4,000 kgs 9,000 lbs	7,000 kgs 16,000 lbs	12,000 kgs 26,000 lbs	15,000 kgs 33,000 lbs	20,000 kgs 44,000 lbs	22,000 kgs 46,000 lbs
WEIGHT OF BORELINE	0.20 kg/m 0.14 lbs/ft	0.33 kg/m 0.22 lbs/ft	0.55 kg/m 0.37 lbs/ft	0.95 kg/m 0.64 lbs/ft	1.40 kg/m 0.94 lbs/ft	1.70 kg/m 1.14 lbs/ft	2.50 kg/m 1.68 lbs/ft	3.40 kg/m 2.30 lbs/ft
FITTING BOLT TORQUE SPEC	10 Nm 7 ft.lb	10 Nm 7 ft.lb	12 Nm 9 ft.lb	30 Nm 22 ft.lb	30 Nm 22 ft.lb	40 Nm 29 ft.lb	45 Nm 33 ft.lb	45 Nm 33 ft.lb
OUTER DIAMETER OF FITTING	60 mm 2.70 in	80 mm 3.25 in	95 mm 3.75 in	140 mm 5.55 in	165 mm 6.50 in	200 mm 7.90 in	230 mm 9.10 in	320 mm 12.20 in
WEIGHT OF FITTING	1 kgs 2 lbs	2 kgs 5 lbs	3 kgs 7 lbs	6 kgs 14 lbs	9 kgs 20 lbs	13 kgs 29 lbs	16 kgs 36 lbs	43 kgs 95 lbs
WEIGHT OF WATER	0.6 kg/m 0.40 lbs/ft	2 kg/m 1.40 lbs/ft	3 kg/m 1.60 lbs/ft	6 kg/m 3.50 lbs/ft	10 kg/m 6.20 lbs/ft	15 kg/m 9.60 lbs/ft	21 kg/m 14 lbs/ft	37 kg/m 24 lbs/ft

Our policy of continuous improvement can result in changes to specifications without prior notice.





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