

GH RISERFLEX AQUA

GH LAYFLAT HOSE AS A FLEXIBLE RISING MAIN | HOSE RISER FOR WELLS

MATERIAL CONSTRUCTION

Application notes hose riser:

The GH RISERFLEX AQUA hose riser diverts the pumped water from wells. The special hose is the attractive alternative to conventional risers made of PE, PVC or steel:

- facilitates the installation / removal of the submersible motor pump
- safe installation with loops for fixing the pump electric cable
- easy to clean: no corrosion, not susceptible to deposits & microorganisms

Jacket lining:

- High-tenacity yarn, circular woven
- Specially designed for high continuous working pressures, high tensile strength and low elongation under pressure
- Totally embedded in the polyurethane, offering optimum protection against mechanical damage

Lining and jacket:

- Thermoplastic polyether polyurethane, extruded through the weave in a special one-step production process


ADVANTAGES

- ✓ Quick installation and retrieval
- ✓ Outstanding abrasion resistance
- ✓ Resistant to aging and ozone
- ✓ Lightweight and flexible
- ✓ Very good flexibility at low temperatures

AT A GLANCE

Standard lengths

- 200 m

 Other lengths available on request (possibly with cutting fee)

Standard colors

blue

Areas of application

- hose well riser
- Water supply wells
- Mine dewatering
- Groundwater extraction
- Groundwater stabilization

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PRESSURES

Working pressure:

- Specifications apply only to the hose (medium water, 20°C). The potential working pressure may be lower than specified above for hose lines with couplings due to the nominal pressure of the couplings or the type of assembly. For compressed air, the maximum working pressure is 25% of the burst pressure.

Maximum working pressure:

- Approval can only be given by the manufacturer upon clarification of the exact area of application.

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DATASHEET

| Inside diameter in mm | Weight in g/m | Burst pressure in bar | Tensile strength in kg |
|-----------------------------|---------------------|-----------------------------|------------------------------|
| 32 | 270 | 65 | 2,500 |
| 52 | 580 | 57 | 2,500 |
| 76 | 980 | 57 | 6,600 |
| 102 | 1400 | 57 | 16,000 |
| 127 | 1900 | 57 | 17,500 |
| 152 | 2400 | 57 | 26,300 |

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