

# 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

### CONTACT

Gollmer & Hummel GmbH  
Gässlesweg 23  
75334 Straubenhardt

**T** +49 (0) 7082 9434-0

**F** +49 (0) 7082 9434-99

**E** [info@gollmer-hummel.com](mailto:info@gollmer-hummel.com)

## 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.

[Order hose sample >>](#)

## DATASHEET **METRIC**

Inside diameter in mm	Weight in g/m	Burst pressure in bar	Tensile strength in kg
32	270	65	2,500
38	350	57	2,500
52	580	57	2,500
76	980	57	6,600
102	1,400	57	16,000
127	1,900	57	17,500
152	2,400	57	26,300

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