

GH HILCOFLEX AQUA

ROBUST DRINKING WATER HOSE MADE OF POLYURETHANE WITH KTW & DVGW APPROVAL

MATERIAL CONSTRUCTION

Jacket lining:

- High-tenacity polyester yarn, circular woven
- Specially designed for high compressive strength and tight bending radii
- Totally embedded in the polyurethane, offering optimum protection against mechanical damage
- No opportunity for microbe or bacteria growth

Lining and jacket:

- Special drinking water-safe polyurethane, extruded through the weave in a one-step production process
- Highly resistant to abrasion, 10 times longer service life than coated hoses
- Inside: Very smooth for minimal pressure loss, easy to clean and disinfect
- Outside: Very smooth for good flexibility

ADVANTAGES

- ✓ Extremely tough, hard-wearing and durable
- ✓ Easy to clean and disinfect, no drying needed
- ✓ Excellent resistance to all standard disinfectants
- ✓ Resistant to aging and ozone
- ✓ Space-saving and easy to use compared to PE or metal pipes
- ✓ Stays flexible at cold temperatures

AT A GLANCE

Standard lengths

- 100 m

 Other lengths available on request (possibly with cutting fee)

Temperature ranges

-20 °C bis 75 °C

(Specifications apply to Water)

Standard colors

blue

Areas of application

- Municipal waterworks
- Water associations
- Exhibitions, fairs and camp sites
- Drinking water supply
- Emergency water and bypass line
- Transfer hose for ships

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

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.

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	Wall thickness in mm	Working pressure in bar	Burst pressure in bar	Tensile strength in kg
25	160	1.6	16	50	1,200
38	280	1.8	16	50	1,700
45	330	1.8	16	50	3,000
52	500	2	16	50	3,700
65	650	2	16	50	4,300
76	750	2.5	16	50	6,500
102	1,150	2.8	14	42	9,500
127	1,400	2.8	10	30	12,000
152	1,650	2.8	10	30	15,000
203	2,200	3	8	24	18,500
254	2,850	3.2	7	21	23,500

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