



 **GH HILCOFLEX AQUA**

HA

DURABLE POLYURETHANE POTABLE WATER HOSE

APPLICATIONS

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

FEATURES

- Extremely tough, resistant to wear and durable
- Easy to clean and disinfect, no need to dry hose
- Excellent resistance to all standard disinfectants
- Resistant to ageing and ozone
- Space-saving and easy to use compared to PE or metal pipes
- Very good flexibility at low temperatures

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 potable water 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 minimum pressure loss, easy to clean and disinfect
- Outside: very smooth for good flexibility

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.

STANDARD LENGTH

100 m, cut to length for a surcharge

STANDARD COLOR

Blue

INDIVIDUAL SOLUTIONS

With * marked diameters on request.

TEMPERATURE

-20°C to +75°C (water)

Bore size in mm	Weight in g/m	Wall thickness in mm	Working pressure in bar / PSI	Bursting pressure in bar / PSI	Breaking strength in kg
25	160	1,6	16 / 230	50 / 725	1.200
38	280	1,8	16 / 230	50 / 725	1.700
45	330	1,8	16 / 230	50 / 725	3.000
52	500	2,0	16 / 230	50 / 725	3.700
65*	650	2,0	16 / 230	50 / 725	4.300
76	750	2,5	16 / 230	50 / 725	6.500
102*	1.150	2,8	14 / 205	42 / 610	9.500
127*	1.400	2,8	10 / 145	30 / 435	12.000
152*	1.650	2,8	10 / 145	30 / 435	15.000
203*	2.200	3,0	8 / 115	24 / 350	18.500
254*	2.850	3,2	7 / 100	21 / 305	23.500

