

# GH HILCOFLEX L

## SPECIAL IRRIGATION HOSE WITH RUBBERIZED LINING AND JACKET

### MATERIAL CONSTRUCTION

#### Jacket lining:

- Warp: High-strength polyester
- Weft: Polyamide/polyester; circular woven
- The special fabric construction ensures low longitudinal elongation, outstanding tensile strength, and significantly reduced pressure loss compared to a reinforcement made of 100% polyester.
- Fully embedded in the rubber coating, providing optimal protection against mechanical damage.

#### Rubberized lining and jacket:

- Very high-quality NBR/PVC compound, pressed through the textile reinforcement using a special single-step extrusion process.
- Special compound additives ensure excellent resistance to aging and ozone.
- **Inner surface:** Very smooth for minimal pressure loss
- **Outer surface:** Ribbed for high abrasion resistance and protection against contact heat

### ADVANTAGES

- ✓ Resistant to abrasion, tough and durable
- ✓ Resistant to oil, gasoline and chemicals (see resistance table)
- ✓ Resistant to heat, aging and ozone
- ✓ Very low pressure loss and minimal elongation
- ✓ Very lightweight, flexible and pressure-resistant compared to mandrel-wound industrial hoses

### AT A GLANCE

#### Temperature ranges

-20 °C bis 80 °C

(Specifications apply to Water)

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#### Standard colors

black

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#### Areas of application

- Irrigation hose and liquid manure distribution
  - Agriculture
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### CONTACT

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## PRESSURES

### Working pressure:

The stated values apply only to the hose (medium: water, 20°C). For hose assemblies with couplings, the possible operating pressure may be lower due to the nominal pressure of the couplings or the type of assembly. For compressed air, the maximum operating pressure is 25% of the burst pressure.

### Maximum working pressure:

Approval for maximum operating pressure can only be granted by the manufacturer after clarification of the exact application area.

[Order hose sample >>](#)

## DATASHEET METRIC

Inside diameter in mm	Weight in g/m	Wall thickness in mm	Working pressure in bar	Max. working pressure in bar	Burst pressure in bar
102	940	2.2	10	12	30
110	1,020	2.2	10	12	30
127	1,250	2.2	10	12	30

**i** Specifications apply only to the hose. 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.