GOLLMER & HUMMEL
hoses for heroes

# GH HILCOFLEX LIGHT

## LIGHTWEIGHT IRRIGATION HOSE WITH INNER AND OUTER RUBBER COATING

### MATERIAL CONSTRUCTION

**Jacket lining:**

- Warp: High-tenacity polyester Weft: Polyamide/polyester; circular woven
- The special jacket construction ensures minimal elongation, outstanding adhesion and much lower pressure loss compared to a 100% polyester jacket lining
- Totally embedded in the rubber, offering optimum protection against mechanical damage

**Rubberized lining and jacket:**

- Very high-grade NBR/PVC compound, extruded through the weave in a special one-step production process
- Special additives in the compound guarantee outstanding resistance to aging and ozone
- Inside: Very smooth for minimal pressure loss
- Outside: Ribbed for excellent abrasion resistance, 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)

**Standard colors**

black

**Areas of application**

- Irrigation hose and liquid manure distribution
- Construction and industry
- Agriculture and mining
- Liquids (incl. hot water) and compressed air

### CONTACT

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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.

## 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 | Tensile strength in kg |
|---|---|---|---|---|---|---|
| 76 | 510 | 2 | 10 | 12 | 30 | 5100 |
| 90 | 650 | 2 | 10 | 12 | 30 | 5700 |
| 102 | 900 | 2.7 | 10 | 12 | 30 | 7000 |
| 110 | 940 | 2.7 | 10 | 12 | 30 | 7000 |
| 127 | 1350 | 2.8 | 10 | 12 | 30 | 10700 |
| 152 | 1550 | 2.8 | 10 | 12 | 30 | 12900 |

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