GOLLMER & HUMMEL
hoses for heroes

GH HILCOFLEX SPEZIAL 90

HIGH-PRESSURE HOSE WITH RUBBERIZED LINING AND JACKET

MATERIAL CONSTRUCTION

Jacket lining:

- Warp: High-tenacity polyester
- Weft: Polyamide; circular woven
- The special jacket construction ensures outstanding adhesion and much lower pressure loss compared to a 100% polyester jacket lining
- Totally embedded in the reinforced 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

- ✓ Highly 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
- ✓ No cleaning or drying required

AT A GLANCE

Standard lengths

- 100 m

i Other lengths available on request (possibly with cutting fee)

Temperature ranges

-20 °C bis 80 °C

(Specifications apply to Water)

°C bis 75 °C

(Specifications apply to Air)

Standard colors

yellow

Areas of application

- Construction, especially demolition firms
- Industry
- Mining
- Liquids and compressed air, high pressure
- For especially heavy-duty work

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
20	190	2.5	30	36	90	1,200
27	230	2.5	30	36	90	1,400
38	400	3.2	30	36	90	2,700
52	600	3.5	30	36	90	5,300

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